ATTACHMENT 5

Aquatic Resource Delineation for the Southwest Village Specific Plan



Aquatic Resource Delineation Report for the Southwest Village Specific Plan Project San Diego, California

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RECON Number 8868 August 22, 2024

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Acronyms and Abbreviations

APT Antecedent Precipitation Tool

EPT Ephemeroptera, Plecoptera, or Trichoptera

FAC Facultative

FACU Facultative Upland
FACW Facultative-Wetland
GPS global positioning system

NI No indicator

NRCS Natural Resource Conservation Service

NWI National Wetland Inventory

OBL Obligate

OHWM Ordinary High Water Mark

project Lakeside Large Diameter Sewer Improvements Project

SANDAG San Diego Association of Governments
SDAM Streamflow Duration Assessment Method
SWRCB State Water Resources Control Board

TNW Traditional Navigable Water

UPL Upland

USACE U.S. Army Corps of Engineers
USDA U.S. Department of Agriculture

USGS U.S. Geological Survey

1.0 Site Description and Landscape Setting

The Southwest Village Specific Plan project (project) is located in the city of San Diego, south of State Route 905 and east of Interstate 805 (Figure 1; all figures provided with this report are compiled as Attachment 1). It is accessible from Caliente Avenue and State Route 905 and is situated south of the southern terminus of Caliente Avenue. The project is found in Township 18 South, Range 01 West and Township 19 South, Range 01 West, of the U.S. Geological Survey (USGS) 7.5-minute topographic map, Imperial Beach, California quadrangle (Figure 2; USGS 1996). The project is surrounded by residential and commercial development to the north and undeveloped land borders the site to the east, west, and south (Figure 3).

The Assessor's Parcel Numbers within the Review Area are provided in Table 1 (all tables are compiled as Attachment 2). For the purposes of this report, the Review Area is equivalent to the area of proposed development (project-level analysis area), as well as the proposed vernal pool restoration area and surrounding land to be conserved and managed by the City (see Figure 3). The Review Area encompasses approximately 549.07 acres. Also included within the Review Area are aquatic resources delineated within portions of the Candlelight and Southwind project sites that occur adjacent to or overlap with portions of the Southwest Village project-level analysis area (see Figure 3). Despite occurring within these other project sites, any aquatic resources overlapping or occurring adjacent to the Southwest Village project-level analysis area could be impacted by the Southwest Village project. The Candlelight project has obtained wetland permits addressing impacts within the area noted in Figure 3. The Southwind project is located adjacent to the Candlelight project (see Figure 3) but is currently seeking entitlements. Because these projects overlap with the Southwest Village Specific Plan project, the relevant aquatic resources (either overlapping with or occurring adjacent to the Southwest Village Specific Plan project site) delineated for those projects have been included for reference within this report. The majority of the Review Area is vegetated with nonnative grassland and also supports sensitive native upland and wetland habitats.

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2.0 Site Alterations, Current and Past Land Use

This Review Area consists of undeveloped land and has been altered over time by the presence of off-road activity. A review of historical aerial photographs was used to determine the land use history of the site. A 1971 aerial photograph of the Review Area showed it to be largely undisturbed with only a few dirt access roads present. Around 1981, aerial photographs showed that off-road activity had occurred in parcels in the northern portion of the Review Area and a few homesteads were also established. No past or active irrigation exists within the Review Area. By 1989, aerial photographs show parcels in the northern portion were riddled with dirt roads from off-road vehicle activity and illegal trash dumping. Additional dirt roads had been created throughout the Review Area, but the southern areas remained predominately undisturbed. The Review Area remained largely the same over the next two decades with some increase in dirt roads due to off-road vehicles, especially in the most northern parcels. In the 2000s, off-road activity increased and as a result, many areas are highly disturbed. Illegal off-roading within the Review Area continues to the present day. All portions of the Review Area are subject to regular trespassing and many areas contain trash, dumping, and/or ground disturbance.

2.1 Soils

Information on the soil types sampled in the Review Area (Figure 4) is summarized from the Soil Survey for San Diego County (U.S. Department of Agriculture [USDA] 1973), the San Diego Association of Governments' (SANDAG) 1995 geographic information system data (SANDAG 1995), and the Hydric Soils of California list obtained from the USDA Natural Resource Conservation Service (NRCS; 2023).

Eight soil types within five series are mapped within the Review Area, which include Diablo clay, 30 to 50 percent slopes, Huerhuero loam, 2 to 9 percent slopes; Linne clay loam, 9 to 30 percent slopes, Linne clay loam, 30 to 50 percent slopes, Olivenhain cobbly loam, 2 to 9 percent slopes; Olivenhain cobbly loam, 30 to 50 percent slopes; and Stockpen gravelly clay loam, 2 to 5 percent slopes (USDA 1973; see Figure 4). The Huerhuero loam, Olivenhain cobbly loam, and Stockpen gravelly clay loam soils series can be considered hydric soils when occurring in ponded depressions (NRCS 2023). All soil types are discussed below.

<u>Diablo clay</u> – This soil series on-site consists of well-drained, moderately deep to deep clays derived from soft, calcareous sandstone and shale. These soils have slopes of 2 to 50 percent. The vegetation present on these soils consists mainly of grasses. Diablo clay loam is found in the southern portion of the Review Area, south of the vernal pool restoration areas (see Figure 4).

<u>Huerhuero loam</u> – This soil series on-site consists of moderately well-drained loams that have a clay subsoil and were derived from sandy marine sediments. Permeability is very slow, and the runoff is slow to medium. The erosion hazard is slight to moderate. The vegetation supported on these soils is primarily non-native grassland habitat. The Huerhuero loam soil type is found within a majority of the project site, mainly on the mesa tops (see Figure 4).

<u>Linne clay loam</u> – This soil series consists of well-drained, moderately deep clay loams derived from soft calcareous sandstone and shale. These soils have slopes of 9 to 50 percent. A small area of Linne clay loam occurs within the land to be conserved and managed by the City, in the south-central portion of the Review Area.

Olivenhain cobbly loam – This soil series on-site consists of well-drained, moderately deep to deep cobbly loams that have a very cobbly clay subsoil. These soils have slopes of 2 to 50 percent. This soil type is formed in gravelly and cobbly alluvium. Permeability is very slow, and the runoff is slow to medium. The erosion hazard is slight to moderate. This soil type can support vegetation found within Diegan coastal sage scrub habitat including California sagebrush (*Artemisia californica*), California buckwheat (*Eriogonum fasciculatum*), and also support maritime succulent scrub habitat which includes species such as jojoba (*Simmondsia chinensis*), San Diego County viguiera (*Bahiopsis lacinata*), and laurel sumac (*Malosma laurina*). The Olivenhain cobbly loam soil type is found along the western finger of the Review Area, in the southern land to be conserved and managed by the City, and in the north-central portions of the Review Area.

<u>Stockpen gravelly clay loam</u> – This soil series consists of moderately well-drained, moderately deep gravelly clay loams and is mapped on marine terraces. Runoff is slow and the erosion hazard is slight. Within the soil mapping are small inclusions of Diablo soils, Huerhuero soils, and Salinas soils. The vegetation supported on these soils is primarily non-native grassland habitat and is found within a small area in the northern portion of the Review Area.

2.2 Hydrology

The Review Area contains a number of drainage features occurring along the bottom of large canyons and smaller side canyons (Figure 5). These drainages convey runoff from the surrounding upland areas, including runoff from the mesa tops. They are generally naturally occurring and contain natural bottoms. However, all are subject to human-caused disturbances, including off-road activity and trash dumping. Specifically, the drainages in the northern portion of the Review Area contain large quantities of trash. The source of the water that flows in the on-site drainages comes from natural seasonal rainfall and runoff. The flow regime of these drainages appears to be ephemeral with flows being of short duration and occurring primarily only after seasonal rainfall events.

The drainages within the northwestern finger and north-central portions of the Review Area generally flow north, then west, draining into a main channel at the bottom of Moody Canyon (see Figure 5). This main channel continues west into a culvert near Beyer Boulevard and off-site through a stormwater conveyance system, draining west and then south into the Tijuana River, a Traditional Navigable Water (TNW).

Drainages in the northeastern portion of the Review Area generally convey flow southward into the upper portions of Dillon Canyon (see Figure 5). Drainages in the east-central portion of the Review Area also flow into Dillon Canyon via Finger Canyon (see Figure 5). The main channel in Dillon Canyon empties into the larger Spring Canyon, which contains a large channel that extends through the southeastern portion of the Review Area, within the land to be conserved and managed by the City. The Spring Canyon channel crosses the United States/Mexico border just south of the Review Area

and empties into the Tijuana River, which extends west, eventually crossing back into the United States as a TNW and emptying into the Pacific Ocean.

Small drainages in the southwestern portion of the Review Area flow generally southwest through the land to be conserved and managed by the City and into an off-site storm drain. This storm drain likely conveys flow into the Tijuana River (TNW), which then empties into the Pacific Ocean. All of the on-site drainage features occur within the Tijuana River watershed, within hydrologic units 911.11 or 911.12 of the San Diego Basin Plan.

A flow line analysis prepared for this project shows the limits of the two-, five-, and ten-year storm events for the drainage channels within the area of proposed development (project-level analysis area; RICK Engineering Company 2023). A discussion of these storm event limits and comparison with the delineated non-wetland waters is provided below in Section 5.2.

Aside from the on-site drainages, the Review Area contains isolated depressions and wetlands that seasonally pond water. The source of the water for depressions is primarily from natural rainfall and local runoff from the surrounding land. The water that reaches these aquatic resource features is seasonal, and temporarily ponds within their limits. Any overflow to adjacent areas occurs locally during peak flow events via sheet flow (i.e., there are no drainage courses connecting depression/wetland features to each other or to any tributary drainages within the Review Area).

2.3 Vegetation

Sixteen vegetation communities were mapped within the Review Area: maritime succulent scrub, disturbed maritime succulent scrub, valley needlegrass grassland, Diegan coastal sage scrub, disturbed Diegan coastal sage scrub, non-native grassland, non-vegetated channel, mule fat scrub, southern willow scrub, tamarisk scrub, disturbed riparian scrub, disturbed wetland, San Diego mesa claypan vernal pool, eucalyptus woodland, disturbed land, and urban/developed land (Figure 6; Table 2).

As mentioned above, the Review Area, especially the northern portions, has been subject to a significant amount of disturbance from off-road activity and past land use. This may have affected the historical location and extent of some of the on-site depression/wetland features. The ongoing disturbance on-site may affect the vegetation, soil, and hydrology characteristics of these features. These disturbances, as well as any naturally problematic scenarios, were considered when assessing the on-site features for the presence of hydrophytic vegetation, hydric soils, and wetland hydrology, as described in Section 4.0 below.

3.0 Precipitation Data and Analysis

Climate data, including precipitation totals, for the nearest recording station to the project site was gathered from the NRCS National Water and Climate Center databases. The climate data obtained are discussed below.

3.1 Climate and Growing Season

The project is located within the coastal region of southern California, in an area generally characterized as mild throughout most of the year, with hotter and drier summers and cooler and wetter winters. The majority of precipitation typically falls between December and March as somewhat frequent low- to moderate-intensity rainfall. The growing season typically lasts into early summer after winter and spring rainfall and ends in mid to late summer when little to no precipitation occurs and as temperatures increase.

3.2 Antecedent Precipitation Tool Summary

The Antecedent Precipitation Tool (APT) was used to analyze the 30-day rolling total and the 30-year normal range of precipitation data for the nearest recording weather stations to the project. Surveys within the Review Area occurred over the course of 2018 to 2023, and eight dates were chosen over this period of time to represent the six years of data. The data presented in the APT results graphics (Attachment 3) indicate that normal precipitation conditions occurred at the time of the surveys on March 15, 2018, April 11, 2019, March 17, 2021, February 9, 2022, and June 16, 2023, surveys. Slightly wetter than normal conditions occurred at the time of the August 17, 2023, survey. During the year 2020, two delineations were conducted on January 14 and March 3 in which precipitation conditions shifted from wetter to drier than normal.

These results show that minimal precipitation occurred in the vicinity of the project in the months prior to the August 17, 2023, moderate precipitation occurred to the March 15, 2018, March 3, 2020, March 17, 2021, February 9, 2022, and June 16, 2023, surveys and substantial precipitation occurred prior to the April 11, 2019, and January 14, 2020, surveys. These conditions were considered when analyzing the hydrology of the on-site features as discussed in Sections 4.0 and 5.0 below.

3.3 Wetland Hydrology and Analysis

Hydrology within the Review Area consists of wetlands, vernal pools, and drainages, all of which would be affected by substantial rain events. Multiple successive rain events would be likely to "charge" the clay soils, swelling as they reach their capacity to hold water, and may result in ponding within the vernal pools and substantial flow within the drainage channels. Surface water was observed in many of the on-site depressional features following rain events, as noted during the delineation surveys and fairy shrimp surveys conducted during the 2017/2018 wet season and 2018/2019 wet season.

As noted above, the flow regime of the on-site drainages appears to be ephemeral with flows being of short duration and occurring primarily only after seasonal rainfall events. The location and abundance of hydrology indicators within these drainages would be subject to change as a result of rainfall frequency and intensity. These factors were considered when searching for and recording hydrology indicators for these features within the Review Area.

4.0 Investigation Methods

As part of the initial studies for this project, routine waters/wetland delineations, following the guidelines provided in the Wetlands Delineation Manual (USACE 1987) the Arid West Regional Supplement (USACE 2008), was performed by RECON Environmental, Inc. biologists in 2018 in order to determine the extent of the aquatic resources present in the Review Area. Additional wetland delineation field work was conducted for the Review Area during 2019 - 2023 as new areas were added to the Review Area and additional data was collected. For reporting convenience, all aquatic resource delineation surveys conducted for this project are summarized in Table 3.

4.1 Wetland Parameters

4.1.1 Hydrophytic Vegetation

Vegetation communities comprising partially or entirely hydrophytic plant species were examined, and data for each vegetation stratum (i.e., tree, shrub, herb, and vine) were recorded on the datasheet provided in the 2008 Arid West Regional Supplement (USACE 2008). The percent absolute cover of each species present was visually estimated and recorded.

First, the wetland indicator status of each species recorded within a vegetation community was determined by using the National Wetland Plant List (USACE 2020). Dominant species with an indicator status of NI (No Indicator) or not listed in the 2020 National Wetland Plant List were evaluated as either wetland or upland indicator species based on local professional knowledge of where the species are most often observed in habitats that are characteristic in southern California.

The dominance test was then used to determine which vegetation community qualified as hydrophytic vegetation at each site. In situations where a site failed the dominance test but contained positive indicators of hydric soils and/or wetland hydrology, the prevalence index was used. The presence or absence of morphological adaptations was noted; however, none of the sampled wetland areas required an analysis of morphological adaptations to determine if the vegetation was hydrophytic.

Vegetation within the depressional features on-site is subject to temporal shifts in vegetation throughout the year in response to seasonal weather patterns, and across years in response to periods of prolonged drought. Additionally, the unauthorized off-road activity on-site may affect the plant species and distribution within the features. These factors, along with the observed vegetation at the time of sampling, were considered when determining the presence of hydrophytic vegetation within each depressional feature.

4.1.2 Hydric Soils

Sample points were selected within potential wetland areas and where the apparent boundary between wetland and upland was inferred based on changes in the composition of the vegetation and topography (see Figure 4). Soil pits were dug to a depth of at least 18 inches (unless a restrictive

layer was encountered) to determine soil color, evidence of soil saturation, depth to groundwater, and indicators of a reducing soil environment (i.e., mottling, gleying, and hydrogen sulfide odor). A Munsell Soil Color Book (2009) was used to determine soil colors, and the 2008 Arid West Regional Supplement (USACE 2008) and the Field Indicators of Hydric Soils in the United States guide (USDA 2017) was used to determine the presence of hydric soil indicators. For some depressional features, soils were sampled at a later date, after the vegetation and hydrology were assessed for each of those features. This is in part due to caution that was taken while features were ponded and may have supported fairy shrimp. This method also allowed the option to forego digging soil pits in features that lacked either hydrophytic vegetation or wetland hydrology, or both, and would not be considered wetlands, ultimately reducing the number of pits that needed to be dug. In all, 196 soil pits were dug to assess the presence of hydric soils in the on-site features.

The seasonally ponded hydrology regime of the depressional features on-site, as well as the soil compaction and disturbance that results from the unauthorized off-road activity, may result in problematic hydric soil scenarios. The level of soil disturbance for each feature, along with the soil colors and evidence of hydrophytic vegetation and hydrology, were all considered when determining if that feature meets the hydric soil criteria.

4.1.3 Wetland Hydrology

Hydrologic information for the site was obtained by conducting a pre-field review (described in Section 4.2 below), analyzing climate conditions prior to the field survey, and by directly observing hydrology indicators in the field. All portions of any potentially occurring wetlands or non-wetland waters within the Review Area were inspected for signs of hydrology as defined in the 2008 Arid West Regional Supplement (USACE 2008).

4.2 Pre-Field Review

Prior to conducting the delineations, an aerial photograph, USGS topographic maps of the site, including the 7.5-minute Imperial Beach, California quadrangle (USGS 1996; see Figure 2), USGS National Hydrography Dataset (USGS 2023), USDA soil maps of the site, and the U.S. Fish and Wildlife Service National Wetland Inventory (NWI) (U.S. Fish and Wildlife Service 2023; see Figure 5) were examined to aid in the determination of potential waters of the U.S. on-site.

4.3 On-site Wetland Investigation

Once on-site, the Review Area was examined to determine the presence of any indicators of wetlands, including wetland vegetation, hydric soils, and hydrology. Field data, including hand drawn maps and recorded global positioning system (GPS) points and lines, were later digitized/downloaded into ArcGIS. Mapped aquatic resources created using these data were analyzed in ArcGIS to provide acreages or target aquatic resource and vegetation boundaries. USACE wetland determination data forms are included as Attachment 4. For each feature sampled, one wetland determination data form was complete and labeled with that feature number (see Attachment 4). Paired upland point locations were chosen adjacent to each feature to delineate the wetland boundary. These wetland determination data forms are labeled with the feature number

followed by "UPL" and are included as Attachment 5. Photographs of the Review Area are provided in Attachment 6. Descriptions of the potential wetland vegetation communities sampled are provided below.

Portions of the Review Area support southern willow scrub, tamarisk scrub, mule fat scrub, and disturbed riparian scrub which were found to contain some areas that meet the hydrophytic vegetation standard and some areas that did not. These habitats are generally characterized by willow trees (*Salix* sp.; FACW), tamarisk (*Tamarix rammosissima*; FAC), or mule fat (*Baccharis salicifolia*; FAC) that create a canopy cover ranging from open to mostly closed. For most of these areas, an herbaceous cover within the understory is present and may contain FAC and FACW species, but may not support a predominance of FAC, FACW, or OBL species. As such, this herbaceous layer had a significant influence on whether a given sample point met the hydrophytic vegetation standard.

Mule fat scrub occurs along a few drainages within the westernmost finger of the Review Area, within the northern portion on the Candlelight property, and within the eastern edge of the Review Area within the Spring Canyon drainage (Photograph 1; see Figure 6). This vegetation community generally occurs within and adjacent to natural flood channels. Southern willow scrub occurs within the Candlelight property near the existing terminus of Caliente Avenue as small patches of habitat and within the southeastern portion of the Review Area within Spring Canyon (Photograph 2; see Figure 6). This vegetation community is dominated by arroyo willow (*Salix lasiolepis*). Disturbed riparian scrub is also mapped as small patches within the Candlelight property but is dominated by a combination of salt cedar and arroyo willow. Tamarisk scrub occurs in the land to be conserved and managed by the City within the southern portion of the Review Area adjacent to large, disturbed wetlands (Photograph 3; see Figure 6) and is dominated by salt cedar.

Portions of the Review Area support San Diego mesa claypan vernal pools and disturbed wetlands which occur as small depressions throughout the Review Area (see Figure 6). For the purposes of vegetation mapping, disturbed wetlands have been mapped in depressions that met all three wetland criteria and San Diego mesa claypan vernal pools have been mapped in any depressional feature containing at least one vernal pool indicator plant (USACE 1997). The vernal pool plant indicator species observed include the obligate (OBL) wetland indicator species, adobe popcornflower (*Plagiobothrys acanthocarpus*), water pygmyweed (*Crassula aquatica*), and flowering-quillwort (*Triglochin scilloides*; Photograph 4); the facultative-wet (FACW) indicator species, dwarf woollyheads (*Psilocarphus brevissimus*; Photograph 5) and prairie plantain (*Plantago elongata*; Photograph 6); and facultative-upland (FACU) species such as alkali-mallow (*Malvella leprosa*). Depressional features that are not vernal pools and did not meet the three wetland criteria have been lumped into the surrounding upland vegetation community (typically disturbed habitat or non-native grassland) for the purposes of vegetation mapping.

Within the on-site depressional features, the abundance of hydrophytic species varied, resulting in some meeting the hydrophytic vegetation standard, and some not. Hydrophytic vegetation observed includes a dominance of the OBL species, hyssop loosestrife (*Lythrum hyssopifolium*), along with many facultative wet, facultative (FAC), and/or facultative upland species, such as dwarf pepper grass (*Lepidium latipes*; FACW), rye grass (*Festuca perenne*; FAC), Mediterranean barley (*Hordeum marinum*; FAC), and soft chess (*Bromus hordeaceus*; FACU). Because the features meeting the

wetland criteria are mostly dominated by non-natives, they are considered disturbed wetlands (Photograph 7). However, those that met the wetland criteria and contain a vernal pool indicator plant species (USACE 1997) are considered vernal pool wetlands.

As mentioned above, the site contains factors that could result in problematic hydrophytic vegetation scenarios. The level of disturbance, recent and long-term climatic conditions, and observed plant species and distribution within the depressional features was considered when assessing each for the presence of hydrophytic vegetation. Most portions of the site have undergone historic disturbance and the site supports mostly non-native plant species. However, these non-natives, notably the hydrophytic species hyssop loosestrife, Mediterranean barley, and to some degree, rye grass, as well as the lack of upland non-natives, including oats (*Avena* sp.) and bromes (*Bromus* sp.), were found to provide a fairly consistent indication of wetlands on-site, especially when observing their distribution over multiple surveys between 2018 and 2023, which included both years of above average and below average rainfall.

Features that did not meet the wetland criteria but still support a vernal pool indicator plant species (USACE 1997) are referred to as vernal pool basins. Those features that did not meet the wetland criteria and do not contain a vernal pool indicator plant species have been mapped as seasonal basins if they were found to support fairy shrimp, or road ruts if not. These distinctions are discussed further in the Other Features Considered section (Section 5.4) below.

4.4 On-site Non-wetland Waters Investigation

4.4.1 Ordinary High Water Mark Investigation

The lateral extent of the ordinary high water mark (OHWM) was delineated along the various drainages in the Review Area using the observed hydrology indicators in accordance with *A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States* (Lichvar and McColley 2008). The OHWM data forms are included as Attachment 7. Indicators observed and used to determine the extent of the OHWM include a change in vegetation, a break in slope, change in sediment texture, drift and sediment deposits, drainage patterns, and the presence of bed and bank (Photograph 8). The distribution and abundance of observed indicators varied between the on-site drainages, with the larger features, such as the moderate-sized drainage channels in Moody Canyon and Spring Canyon, generally containing more frequent and diverse indicators.

The streamflow duration was also assessed for drainages within the project-level analysis area using the observed streamflow duration indicators in accordance with the *User Manual for a Beta Streamflow Duration Assessment Method (SDAM) for the Arid West of the United States* (Mazor et al. 2021). Drainage C occurs within the Candlelight property which has already obtained wetland permits addressing impacts within the area. Therefore, Drainage C is not included in the discussion below. Drainages H(b), I, K(b), N, and S occur in the Specific Plan boundary, which is analyzed at a program-level; therefore, these drainages are not included in the project-level discussion below.

The SDAM surveys were conducted on August 18 and 20, 2021, and the SDAM data forms are included as Attachment 8. Each drainage was searched for indicators used to determine the

streamflow duration, including presence of hydrophytic plant species; aquatic macroinvertebrates; *Ephemeroptera*, *Plecoptera*, or *Trichoptera* (EPT) taxa; algae; fish; and observed hydrology. At the time of the surveys, all of the drainages within the project-level analysis area were found to mostly lack plant species with a wetland indicator of FACW or wetter, aquatic macroinvertebrates, EPT taxa, algae, or fish. Additionally, the drainage channels lacked surface flow, sub-surface flow, and isolated pools at the time of the surveys. According to the observed conditions during these surveys and observations made during other biological and wetland delineation surveys conducted on-site, each of these drainages was classified as having an ephemeral flow regime.

4.4.2 Flow-Line Investigation

In order to understand the jurisdictional boundaries of the waters of the state, a hydraulic flow-line analysis was conducted to model the boundaries of the 2-, 5-, and 10-year flow limits (RICK Engineering Company 2023). According to the revised California Water Boards Policy for Discharges of Dredged or Fill Material to Waters of the State of April 6, 2021, the definition of waters of the state is broader than both the former federal definition and the new Sackett-based federal definition. The current definition of waters of the state broadly includes "any surface water or groundwater, including saline waters, within the boundaries of the state", meaning that the wetlands have a continuous surface connection such that they are indistinguishable from otherwise jurisdictional waters. Hence, the jurisdictional authority over waters of the state could potentially reach beyond the federal definition of waters of the U.S. as identified by the OHWM delineation. For this reason, the flow line model aims to depict the potential extent of waters of the state. Because the flow line analysis is based on a model and not real-time hydrological observations, the presence of wetland indicator plants was also used to delineate the potential extent of waters of the state.

The methods for the flow line analysis included using a detailed Hydrologic Engineering Center's – River Analysis System hydraulic model of each drainage course and a desktop review of available hydrologic calculations to estimate anticipated flow rates during the subject storm events. Other readily available tools were utilized, such as the USGS publicly available StreamStats tool, and National Oceanic and Atmospheric Administration Atlas 14 rainfall data to estimate point precipitation frequency. Additional details on these methods can be found in the project's flow line analysis (RICK Engineering Company 2023).

5.0 Description of All Wetlands and Other Nonwetland Waters

The aquatic resources delineated within the Review Area include wetlands, riparian, and non-wetland waters and total 11.41 acres. Specifically, wetlands include those areas of wetland scrub habitats (mule fat scrub, southern willow scrub, and disturbed riparian scrub), disturbed wetlands, and vernal pool wetlands that met the three wetland criteria. A summary of the aquatic resources and location of these resources in relation to the Review Area boundaries are provided in Table 4 and on Figure 7, respectively. Where the Candlelight and Southwind properties overlap this project's Review Area (see Figure 3), the delineation results from those properties has been included in the analyses below. For consistency between projects, those features have retained their identification labels for this report,

including a "C" in front of those features identified during the Candlelight delineations and an "SW" for those features identified during the Southwind delineations (see Figure 7 and Table 4). The Candlelight project has obtained wetland permits addressing impacts within the area noted in Figure 3 pursuant to Regional Water Quality Control Board Clean Water Act Section 401 Water Quality Certification No. R9-2023-0080 issued March 13, 2023, and CDFW Streambed Alteration Agreement Notification #1600-2016-0206-R5 issued January 24, 2022. However, because the regulatory permitting for Southwind is still pending, copies of the OHWM and wetland determination data forms for features delineated under that project are not included with this report.

For the purposes of the discussion below, each separate drainage channel within the Review Area has been labeled with a letter. A total of 20 ephemeral drainages were mapped during field visits conducted between 2018 and 2023, labeled Drainages A through S (see Figure 7 and Table 4). Small tributaries to Drainages G, H, and K have been labeled as G(b), H(b), and K(b), respectively. Drainage C occurs mostly within the Candlelight property and maintains the label of Drainage C where it occurs within the Candlelight property (see Figure 7 and Table 2).

Additionally, 327 depression features were identified within the Review Area (see Figure 7 and Table 4). All depressional features were labeled using numbers in the order they were surveyed, except the existing labels that were kept for the City of San Diego Vernal Pool Habitat Conservation Plan features. Again, "C" and "SW" were used to label those that were delineated as part of the Candlelight and Southwind projects, respectively. Figure 7 also depicts some features that occur outside but adjacent to the Review Area for reference. Due to shifting project boundaries during period of on-site surveys (2018 – 2023), these features outside the Review Area may have been sampled during the delineation and/or other biological surveys (fairy shrimp, vegetation mapping, rare plants, etc.), but are not considered in the analysis.

5.1 Wetlands

Delineated wetland areas include portions of the areas mapped as southern willow scrub, mule fat scrub, and disturbed riparian scrub along Drainage C within the northern portion of the Review Area in the Candlelight property. Specifically, these were mapped as five distinct features C-A, C-B, C-E, C-J, and C-I. These wetlands dominated by scrub habitat total 0.44 acre. The remaining areas of southern willow scrub, mule fat scrub, and tamarisk scrub in other portions of the Review Area did not meet all three wetland criteria and have been mapped as riparian habitat (see Section 5.3 below). Delineated wetlands also include those vernal pool wetland and disturbed wetland features that met all three wetland criteria, as discussed below.

5.1.1 Vernal Pool Wetlands

Of the 327 depression features mapped within the Review Area, a total of 135 met all three wetland criteria and contain a vernal pool indicator plant species. These features are therefore considered vernal pool wetlands (see Photographs 5, 9, and 10), totaling 1.53 acres within the Review Area. The source of the water for these features is seasonal and primarily from natural rainfall and local runoff from the surrounding land. Although they may locally overflow as sheet flow, they have no direct

connectivity, via drainage courses or otherwise, between each other or to any tributary drainages within the Review Area.

Although hydrologically isolated, the jurisdictional delineation concluded that these vernal pool wetland features support a predominance of hydrophytic vegetation, either passing the Dominance Test or the Prevalence Index. Wetland hydrology indicators commonly observed in vernal pool wetlands included surface soil cracks and a biotic crust comprised of algae (see Attachment 4). A few depressions were observed as having surface water and/or saturated soils during the surveys. The known presence of aquatic invertebrates (e.g., fairy shrimp) was also an indicator of wetland hydrology in some of the depressions.

Hydric soil indicators observed within these features included a depleted matrix, redox dark surface, vernal pools, or redox depressions (Photographs 11 and 12). For some features that contained only OBL or FACW dominant species (as long as at least one dominant was OBL), hydric soils were presumed present per the Wetlands Delineation Manual (USACE 1987). Some vernal pool wetland features were determined to have problematic hydric soils. Although either no or insufficient redox features were observed, hydric soils are considered problematic due to the presence of hydrophytic vegetation and wetland hydrology. These vernal pool features are seasonally ponded and may lack hydric soil indicators due to limited saturation depth, saline conditions, or other factors, which may include human-caused disturbance. However, the presence of abundant hydrophytic vegetation and strong hydrology indicators is sufficient to assume the presence of hydric soils, despite the lack of observed indicators.

5.1.2 Disturbed Wetlands

Of the 327 depression features mapped within the Review Area, a total of 20 met all three wetland criteria but do not contain a vernal pool indicator plant species. These features are therefore considered isolated disturbed wetlands (Photograph 13), totaling 1.03 acres within the Review Area. As with the vernal pool wetlands, the source of the water for these features is seasonal and from natural rainfall, with no direct downstream connectivity.

These features were all found to support a predominance of hydrophytic vegetation and contained hydrology indicators similar to those verna pool wetlands described above. Additional hydrology indicators observed included: water marks, water-stained leaves, oxidized rhizospheres along living roots, and non-riverine drift deposits. Hydric soil indicators observed within these features included a depleted matrix, redox dark surface, or problematic hydric soils.

5.2 Non-wetland Waters

The Review Area contains 20 ephemeral drainages mapped as non-wetland waters (see Photographs 8 and 14, Figure 7, and Table 4). Five ephemeral drainages, Drainages A, B, B(b), D, and E, occur in the north-central portion of the Review Area, located in the upper portions of canyons that are tributary to Moody Canyon (see Figure 7). Drainages P and Q are located along the western finger of the project site (Beyer Boulevard extension area) and are also tributary to Moody Canyon. These seven drainages generally flow west or north into the main channel that flows west through the bottom of Moody Canyon. This channel enters the westernmost portion of the Review Area as

Drainage O, which drains west into a culvert near Beyer Boulevard and eventually into the Pacific Ocean, a TNW.

Four ephemeral drainages, Drainages F, G, G(b), and C, occur within the northeastern portions of the Review Area (Central Avenue and Caliente Avenue extensions). The flows from these ephemeral drainages are conveyed southward off-site into the upper part of Dillon Canyon. In the east-central portion of the Review Area, Drainage H(b) flows southeast into Drainage H, which flows northeast through Finger Canyon and offsite into Dillon Canyon. Dillon Canyon is a side canyon to Spring Canyon, which contains a drainage channel that flows south and enters the southeastern portion of the Review Area as Drainage S. Drainage S continues to flow off-site and southwest through Spring Canyon, draining southward across the international border via a stormwater conveyance facility and into Mexico where flows enter the Tijuana River and then into the Pacific Ocean.

Drainage T drains a small watershed area in the south-central portion of the Review Area. It flows southeast toward the southern boundary of the Review Area and empties into a culvert and the stormwater conveyance facility at the downstream end of Drainage S.

Drainages I, K, and K(b) occur at the edge of the west-central portion of the Review Area, occurring on steep slopes and extending generally southwest and off-site (see Figure 7). Review of aerial photography shows that these drainages appear to continue flowing southwest and eventually drain into a storm drain system that likely empties into the Tijuana River.

Drainage M begins in the south-central portion of the Review Area and flows southwest into Drainage N, which continues south, southwest, and west through the mitigation parcels in the southern portion of the Review Area, eventually draining into an offsite storm drain (see Figure 7). This storm drain eventually conveys flow into the Tijuana River, which then empties into the Pacific Ocean.

5.2.1 Ordinary High Water Mark Indicators

The source of the water that flows in the ephemeral drainages on-site comes from natural seasonal rainfall. The flow regime of these drainages is ephemeral with flows being of short duration and occurring primarily only after seasonal rainfall events. Indicators observed and used to determine the extent of the OHWM include a change in vegetation, a break in slope, change in sediment texture, drift and sediment deposits, drainage patterns, and the presence of bed and bank (see Attachment 3). The distribution and abundance of observed indicators varied between the on-site features, with the larger drainages, such as Drainage S and Drainage O, generally containing more frequent and diverse indicators.

Dominant plant species documented at the sample locations along the ephemeral drainage courses included the upland species ripgut grass (*Bromus diandrus*; UPL), redstem filaree (*Erodium cicutarium*; UPL), and Italian thistle (*Carduus pycnocephalus*; UPL). Facultative and facultative upland species such as miner's lettuce (*Claytonia perfoliata*; FAC), shining peppergrass (*Lepidium nitidum*; FAC), Russian thistle (*Salsola tragus*; FACU), and California pellitory (*Parietaria hespera*; FACU) were also present within the drainages. Ripgut grass was the most common vegetation observed along the drainages.

5.2.2 Hydraulic Indicators

The results of the storm event flow analysis are also depicted along each of the drainages within the area of proposed development (project-level analysis area) on Figure 7. A comparison of the OHWM and 2-year flow lines for each drainage is provided below and in Table 5. The discussion below also addresses adjustments to the mapping of on-site non-wetland waters as it pertains to the State Water Resources Control Board (SWRCB) waters of the state definition. Drainage C occurs within the Candlelight property which has already obtained wetland permits addressing impacts within the area. Therefore, Drainage C is not included in the discussion below. Drainages H(b), I, K(b), N, and S are also not included in the discussion below because they do not occur within the project-level analysis area.

The 2-year flow line for Drainage O includes low floodplain terraces outside of the active channel (outside the OHWM). The OHWM averages approximately 3 feet in width while the floodplain terraces along this drainage average approximately 100 feet in width and supports patches of mule fat scrub vegetation (see Photograph 1) mapped as riparian areas on Figure 7, labeled as O-1, O-2, and O-3. Based on the presence of hydrophytic vegetation within the 2-year flood area of Drainage O, it is anticipated that the waters of the state would include these patches of mule fat scrub within its jurisdiction (see Figure 7).

The OHWM of Drainage A averages approximately 1.5 feet in width while the areas mapped within the 2-year flow lines average approximately 15 feet in width. Although the 2-year flow line area is significantly wider, it support mostly upland non-native grasses with scattered lemonade berry (*Rhus integrifolia*; UPL; Photograph 15) and lacks hydrophytic vegetation. As such, it is anticipated that the jurisdiction of waters of the state would only include those areas mapped within the OHWM for Drainage A.

The width of the delineated OHWM along Drainages B(b) and H average between 2.5 and 3.5 feet, while their respective areas mapped within the 2-year flow lines average between 7.5 and 11 feet in width. These 2-year flow areas support slopes containing a mixture of upland non-native grasses and scattered coastal sage scrub shrub species (Photographs 16 and 17). These 2-year flow line areas do not support hydrophytic species or species indicative of a floodplain. As such, it is anticipated that the jurisdiction of waters of the state would only include those areas mapped within the OHWM for Drainages B(b) and H.

The width of the delineated OHWM along Drainage B averages 3 feet while the area within the 2-year flow lines averages approximately 14 feet in width and supports sloped areas mostly containing non-native upland grasses and fennel (*Foeniculum vulgare*; UPL; Photograph 18). This 2-year flow line area does not support hydrophytic species or species indicative of a floodplain. As such, it is anticipated that the jurisdiction of waters of the state would only include those areas mapped within the OHWM for Drainage B.

The width of the delineated OHWM along Drainages D and E average between 2 and 2.5 feet, while their respective areas mapped within the 2-year flow lines average between 8 and 10 feet in width These adjacent areas support slopes containing a mixture of upland coastal sage scrub shrub species (Photographs 19 and 20). They do not support hydrophytic species or species indicative of a

floodplain. As such, it is anticipated that the jurisdiction of waters of the state would only include those areas mapped within the OHWM for Drainages D and E.

The width of the delineated OHWM along both Drainages F and G(b) average 1.5 feet each and these drainages occur approximately 10 feet away and parallel to each other. However, the 2-year flow lines are mapped as combined for these two drainages within an area averaging approximately 3 feet in width and supporting slopes containing a mixture of upland coastal sage scrub shrub species (Photographs 21 and 22). This 2-year flow line area does not support hydrophytic species or species indicative of a floodplain. As such, it is anticipated that the jurisdiction of waters of the state would only include those areas mapped within the OHWM for Drainages F and G(b).

The width of the delineated OHWM along Drainage G averages 4 feet and mostly matches the width and extent of areas mapped within the 2-year flow lines upslope of this drainage's confluence with Drainage G(b). A small patch of mule fat scrub occurs just outside the 2-year flow lines at this confluence and two additional patches occur within the 2-year flow lines downstream. Because all three of these patches are likely hydrologically associated to the drainage, it is anticipated that the waters of the state would extend to include these areas mule fat scrub habitat (see Figure 7). The width of the OHWM of Drainage G is narrower than the 2-year flow lines in the vicinity of its confluence with Drainage F. However, downstream from the confluence with Drainage F, the OHWM widens, mostly matching the width of the 2-year flow lines (see Figure 7).

The width of the delineated OHWM along Drainages K, M, P, and Q average 2, 3, 1, and 2 feet, respectively, and these drainages mostly match the widths of the respective areas mapped within their 2-year flow lines (see Photographs 14 and 24 through 26). The existing OHWM mapping for these drainages is anticipated to accurately reflect the waters of the state jurisdiction along these features. It is anticipated that the potential extent of SWRCB waters of the state described in this section matches those areas likely to be considered CDFW waters of the state as well.

5.3 Riparian

Areas mapped as riparian total 5.89 acres within the Review Area (see Figure 7 and Table 4). These riparian areas occur as southern willow scrub, mule fat scrub, and tamarisk scrub where these vegetation communities extend outside of the OHWM delineated for these non-wetland water areas (see Photographs 1 – 3 and Figures 7.9 and 7.35-7.37). Specifically, a total of 10 small riparian areas occur along the on-site drainages and are labeled according to the drainages along which they occur. Three of these areas occur in the western portion of the survey area along Drainage O (features O-1, O-2, and O-3; see Figure 7-9), three occur in the northern portion of the survey area along Drainage G (features G-1, G-2, and G-3), and four occur in the southeastern portion of the survey area along Drainage S (features S-1, S-2, S-3, and S-4) (see Figures 7.35-7.37 and Table 4). Of these 10 features, five (O-1, S-1, S-2, S-3, and S-4) meet the hydrophytic vegetation criteria (see Attachment 4). This riparian mapping includes small areas of canopy extending beyond non-wetland water areas. The riparian areas lack the wetland hydrology and hydric soil indicators required to meet the USACE definition of a wetland.

5.4 Other Features Considered

As described above, features that did not meet the wetland criteria but still support a vernal pool indicator plant species (USACE 1997) are referred to as vernal pool basins (Photograph 27). Those features that did not meet all three of the wetland criteria and do not contain a vernal pool indicator plant species have been mapped as seasonal basins if they were found to support fairy shrimp, or road ruts if not.

6.0 Deviation from National Wetland Inventory

The results of this analysis vary significantly from those classified in the NWI (see Figure 5). Some of the delineated features have been recorded in the NWI, but vary slightly in their exact location or characteristics, while many delineated features are not recorded in the NWI. For instance, Drainage O, which occurs within the westernmost portion of the Review Area in Moody Canyon, is mapped in the NWI as an intermittent drainage channel. However, it appeared to support more of an ephemeral flow regime during the surveys. Additionally, the NWI does not include the mule fat scrub riparian habitat that occurs along Drainage O within the Review Area. Drainages A, B, C, D, E, G, H, I, M, N, and S are mapped in the NWI, but not B(b), F, G(b), H(b), J, K, K(b), P, or Q.

Only a small number of the depression features delineated in the Review Area are included in the NWI. For instance, vernal pool wetland #54 occurs within the west-central portion of the Review Area and has been recorded as freshwater emergent wetland in the NWI. However, vernal pool wetlands #55 – 58 and 114, which occur nearby, have not been recorded in the NWI.

7.0 Mapping Method

The maps of the delineated aquatic resources within the Review Areas are based on the above analysis (see Figure 7). The boundaries of the majority of aquatic resources were obtained from a combination of GPS data collected in the field, aerial photography, and recent topographic survey data. Geographic information system mapping software (ArcMap) was used to produce the graphical maps contained in this report.

8.0 Results and Conclusions

Wetlands, non-wetland waters, and riparian areas were delineated within Review Area and include those scrub wetland/riparian habitats described above (mule fat scrub, southern willow scrub, tamarisk scrub, disturbed riparian scrub), depressional features meeting the wetland criteria and mapped as either disturbed wetlands or vernal pool wetlands, and ephemeral drainages occurring throughout the Review Area. These features total 11.41 acres and 16,555 linear feet (see Table 4).

9.0 Disclaimer Statement

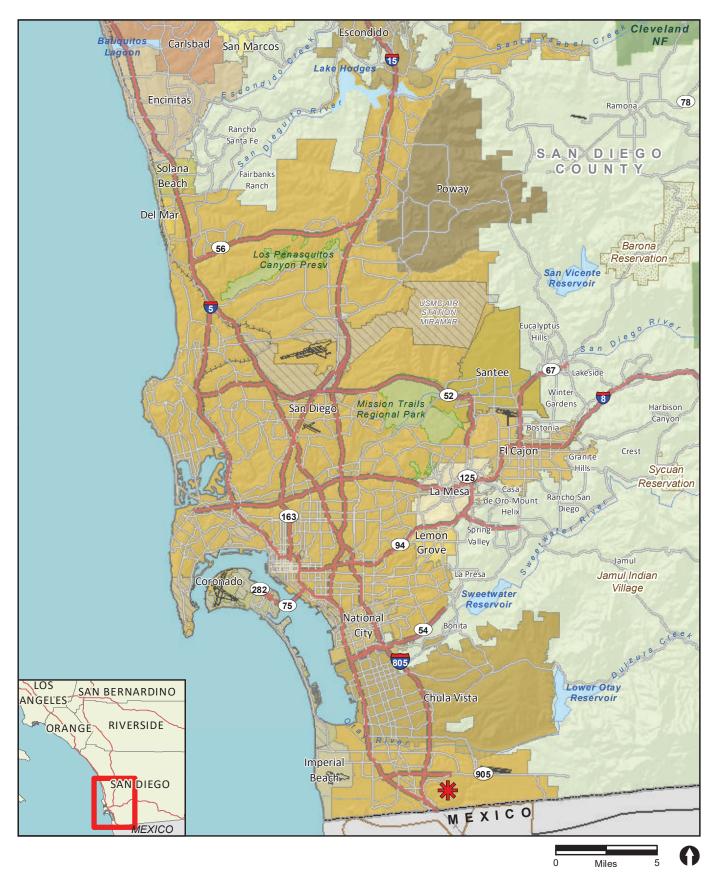
This report describes the results of aquatic resource delineations conducted within the Review Area, which totals approximately 549.07 acres. It was prepared in accordance with the Minimum Standards for Acceptance of Aquatic Resources Delineation Reports (USACE 2017). The jurisdictional waters delineation is used to identify and map the potential extent of the federal jurisdictional waters of the U.S. The purpose of this study was to identify and map the limits of any aquatic water features on the property to provide necessary background information for analysis by USACE in making a jurisdictional determination. USACE will review the content of this report and ultimately make a determination of federal jurisdiction for any waters of the U.S. that may be present in the Review Area. References used in the preparation of this report are included below in Attachment 9.



ATTACHMENTS

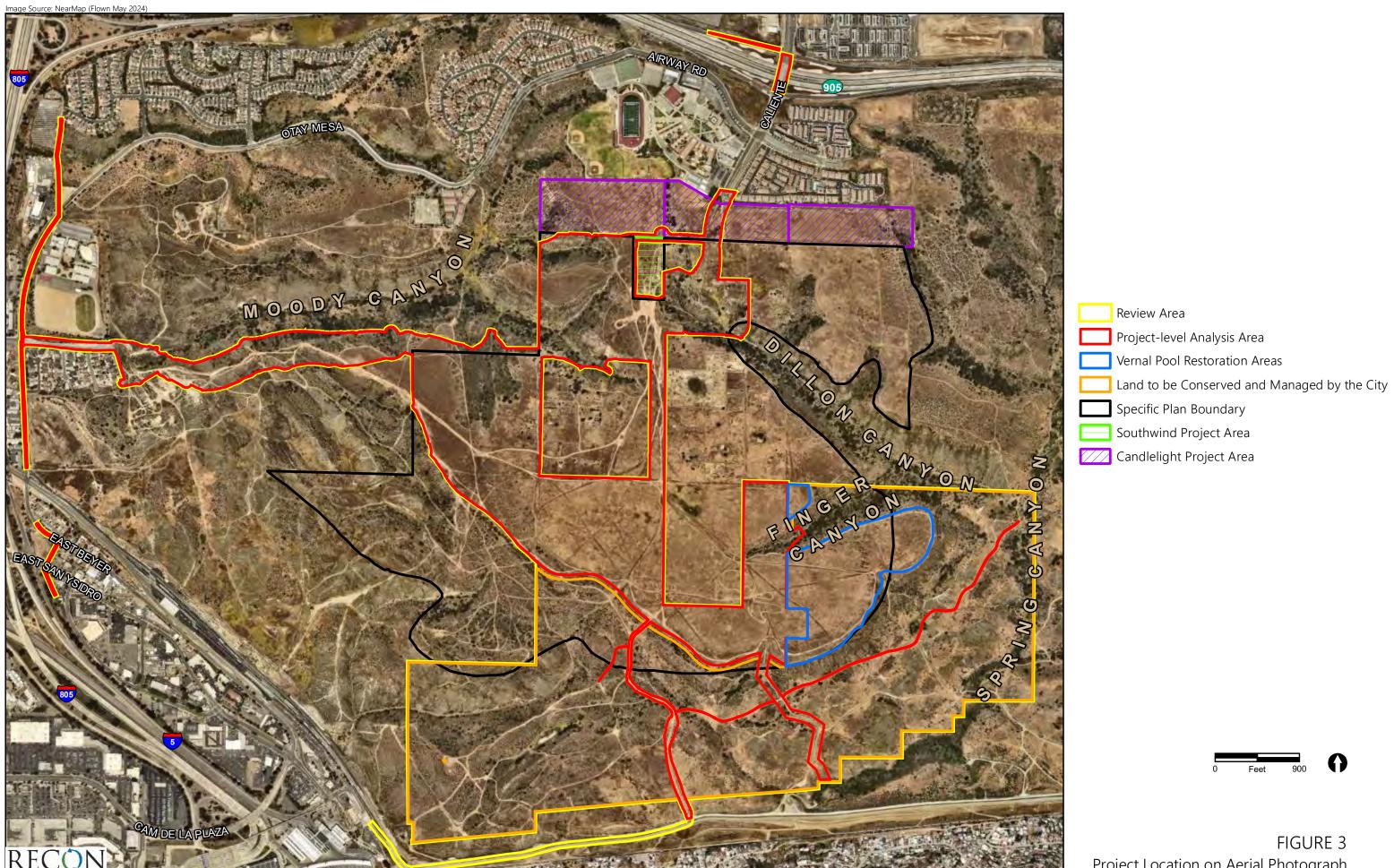
ATTACHMENT 1

Maps









Project Location on Aerial Photograph

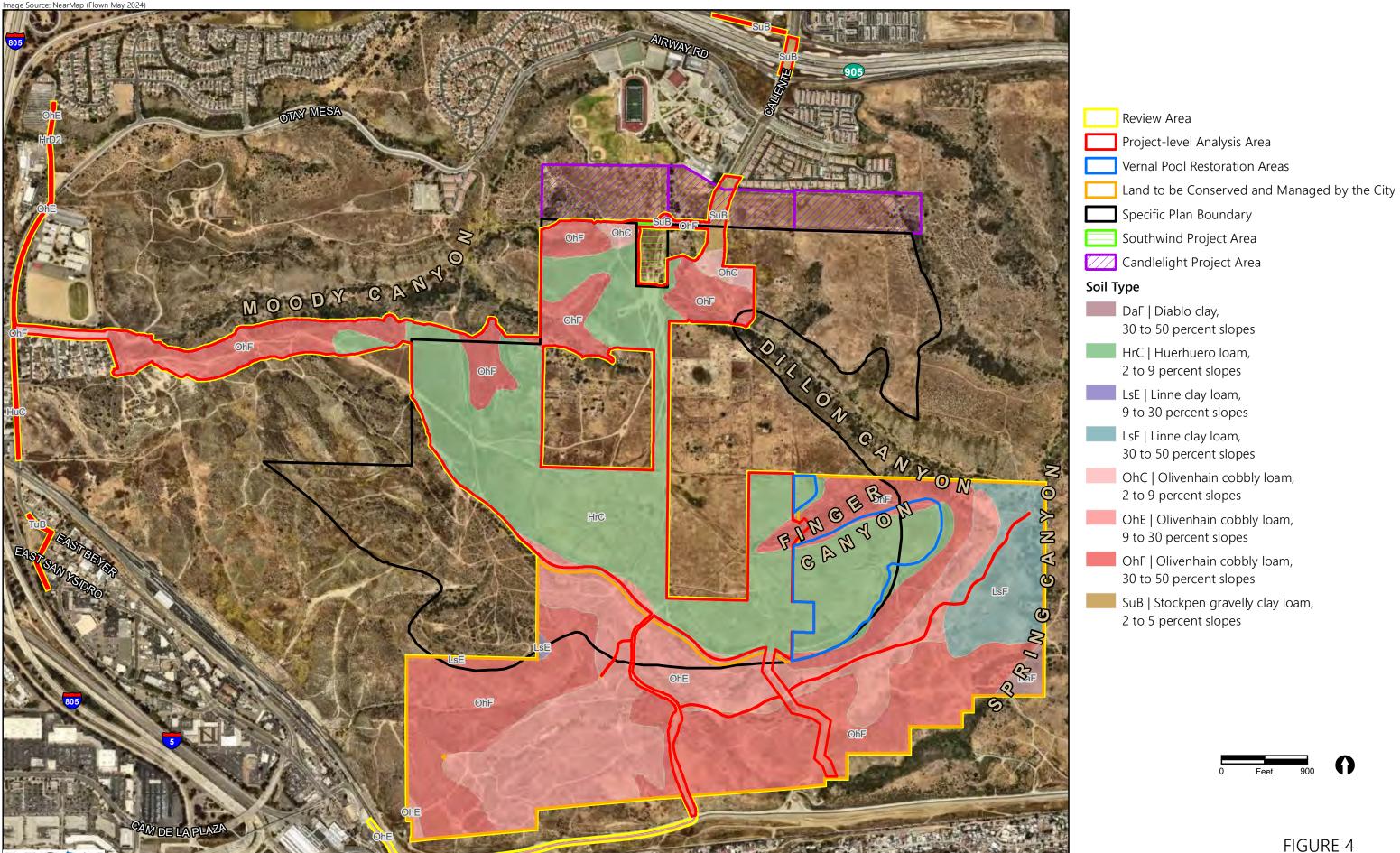
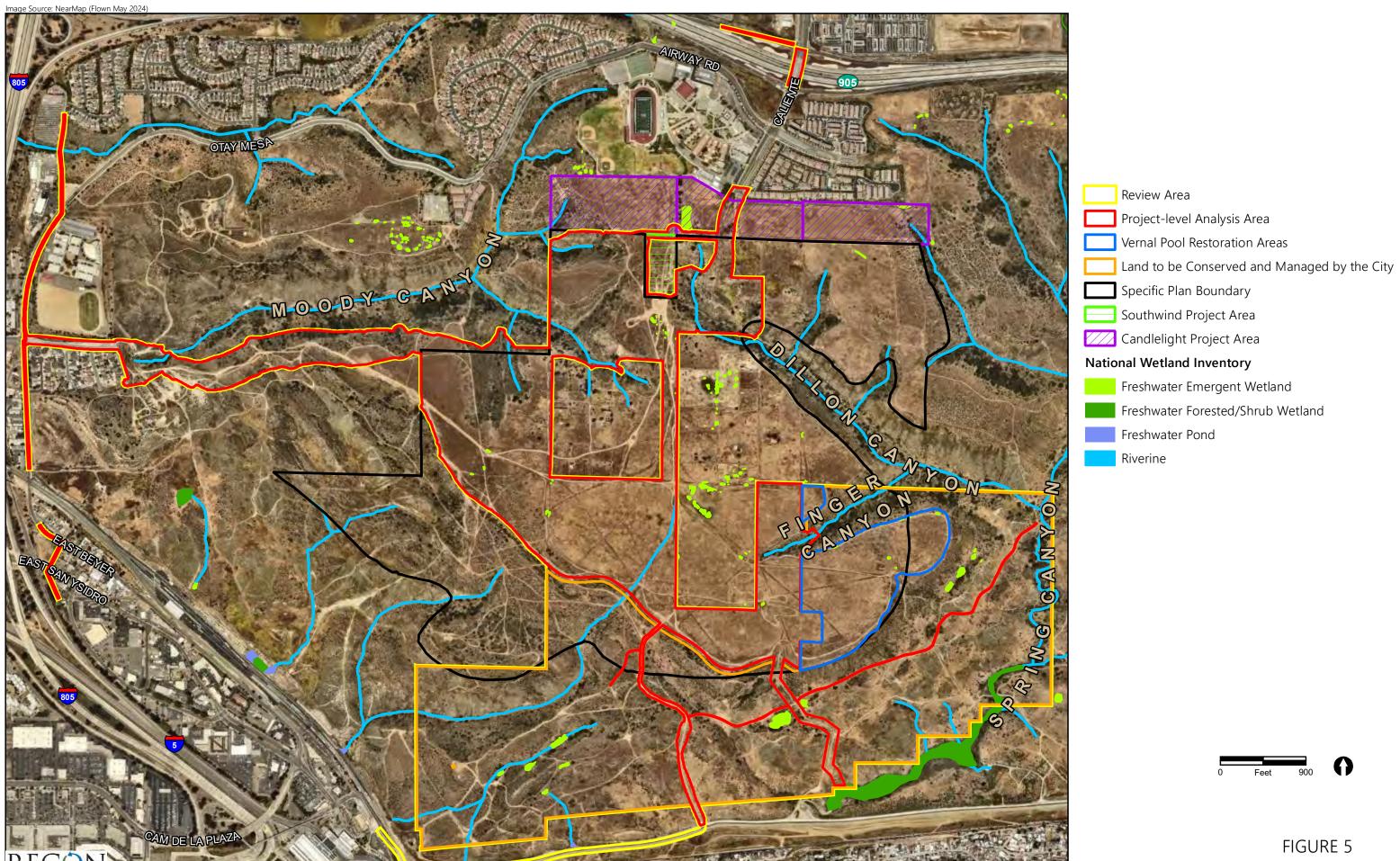


FIGURE 4
Project Location on Soils Map



National Wetland Inventory

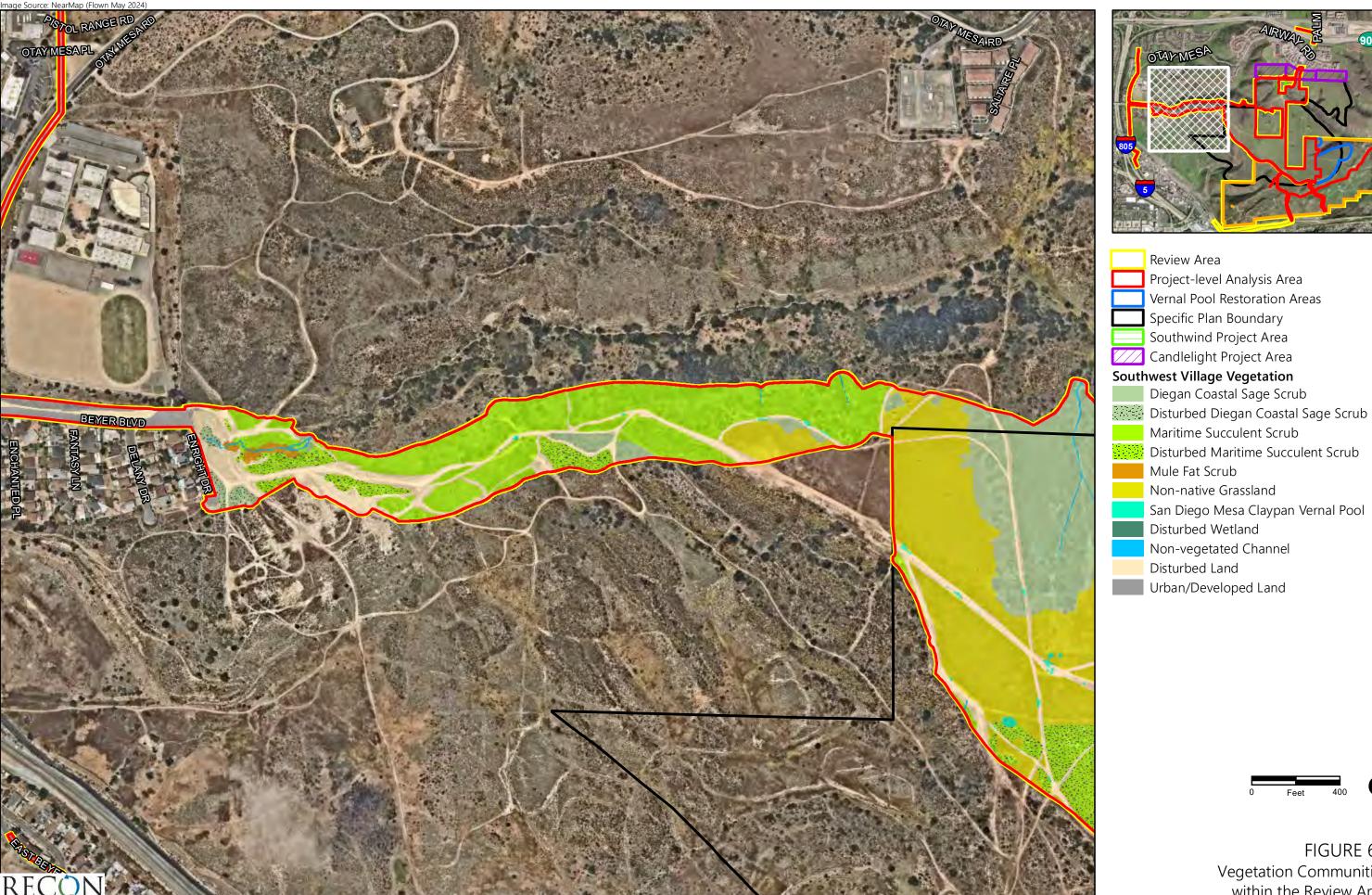


FIGURE 6.1 **Vegetation Communities** within the Review Area

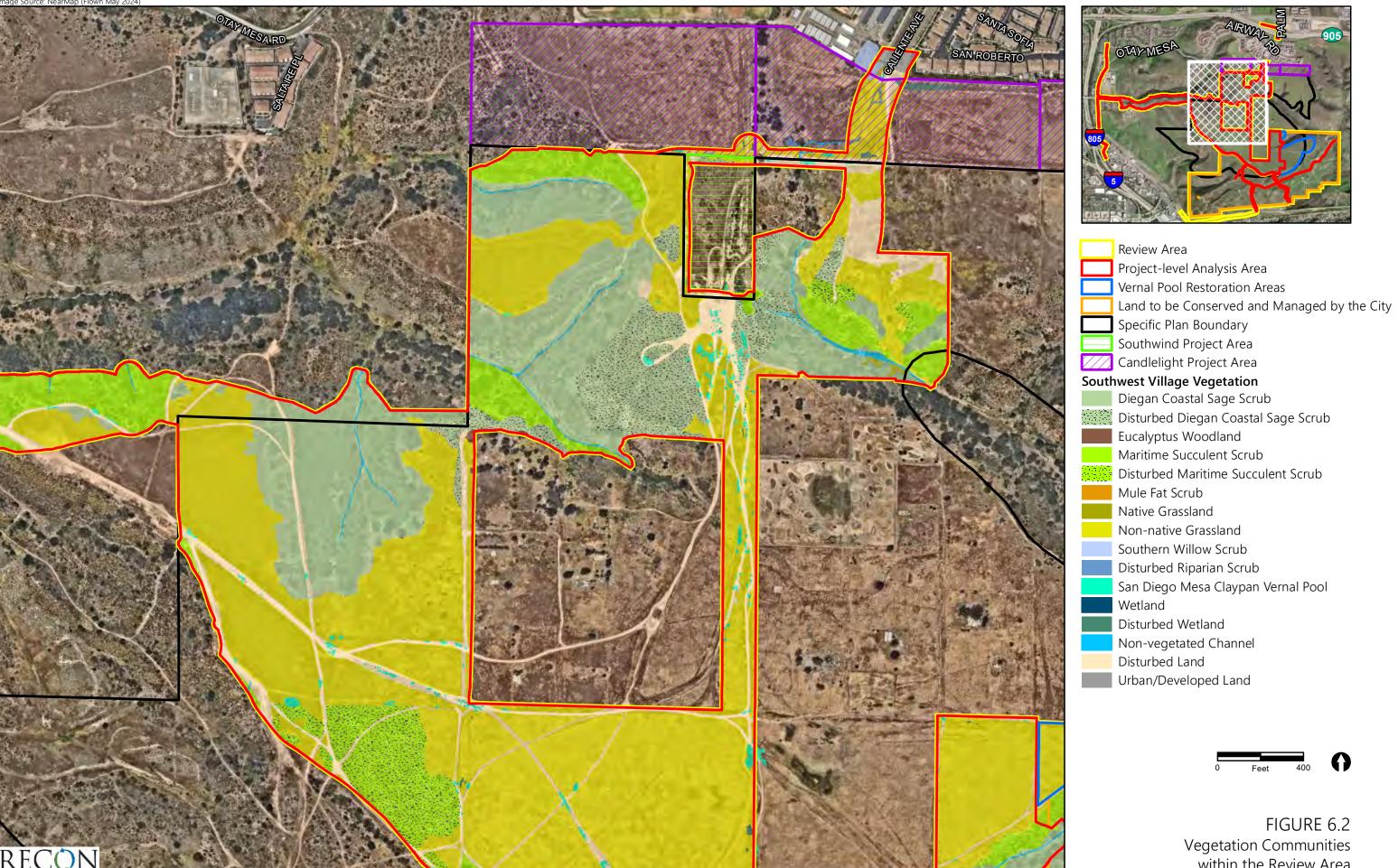


FIGURE 6.2 **Vegetation Communities** within the Review Area

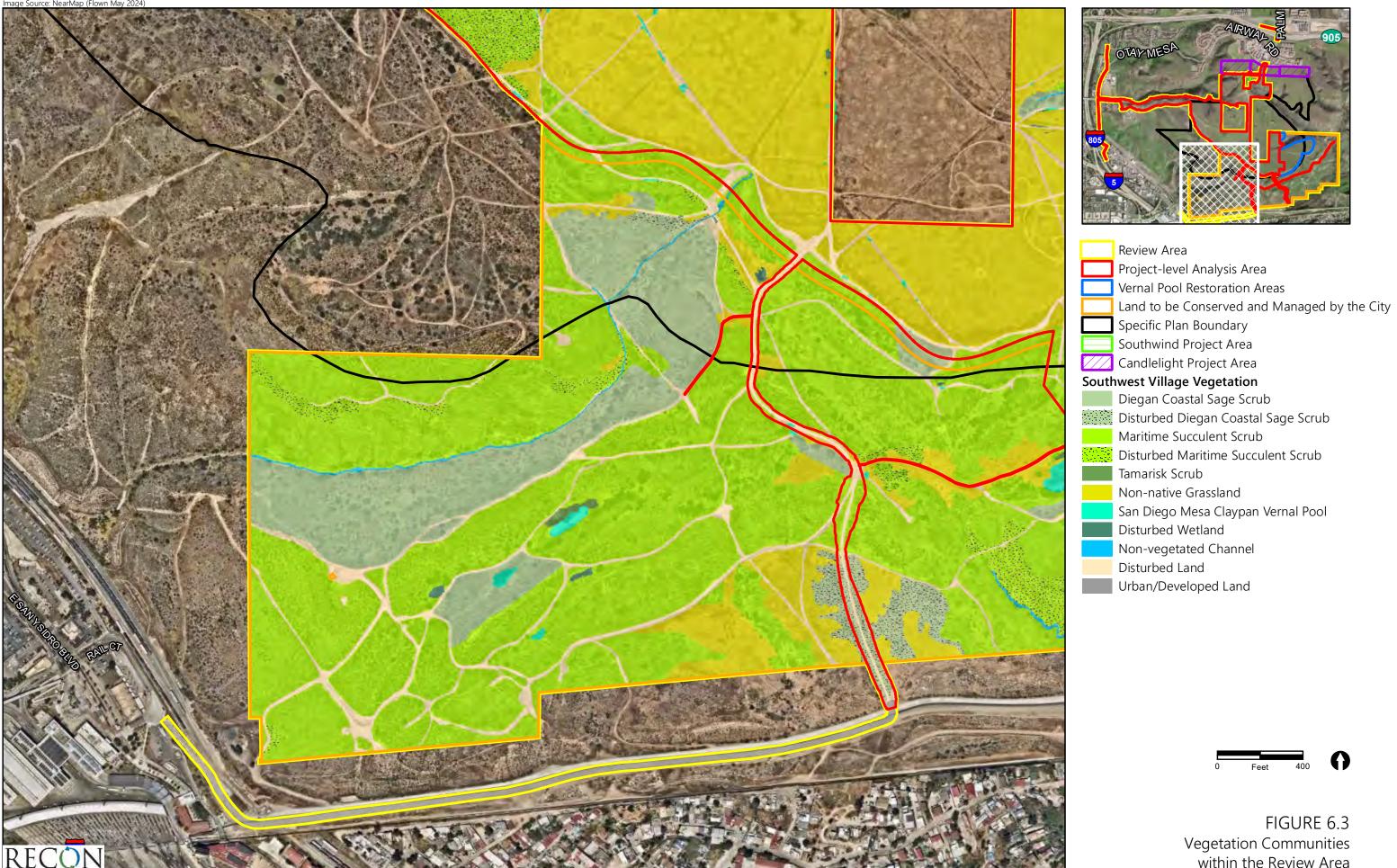
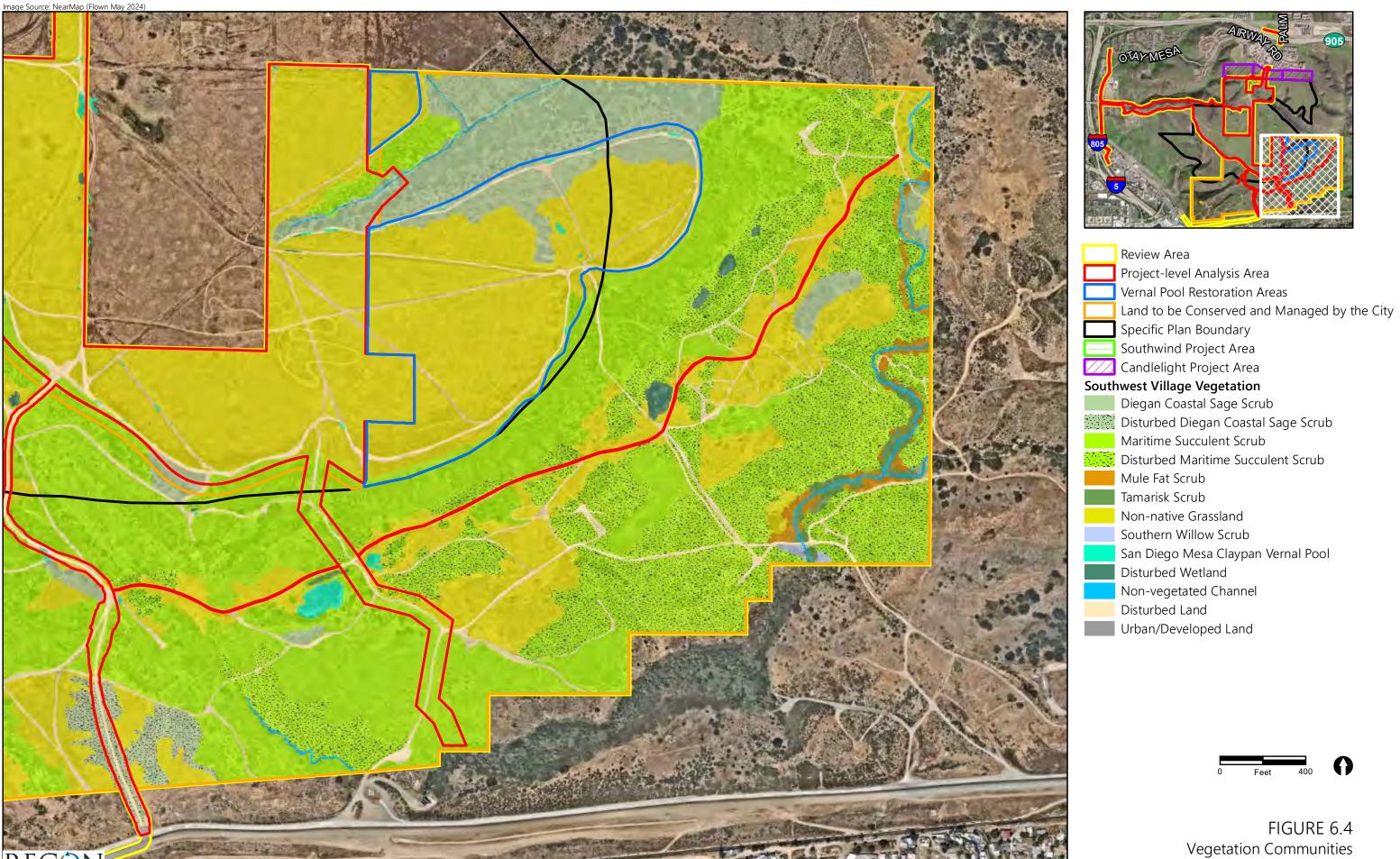
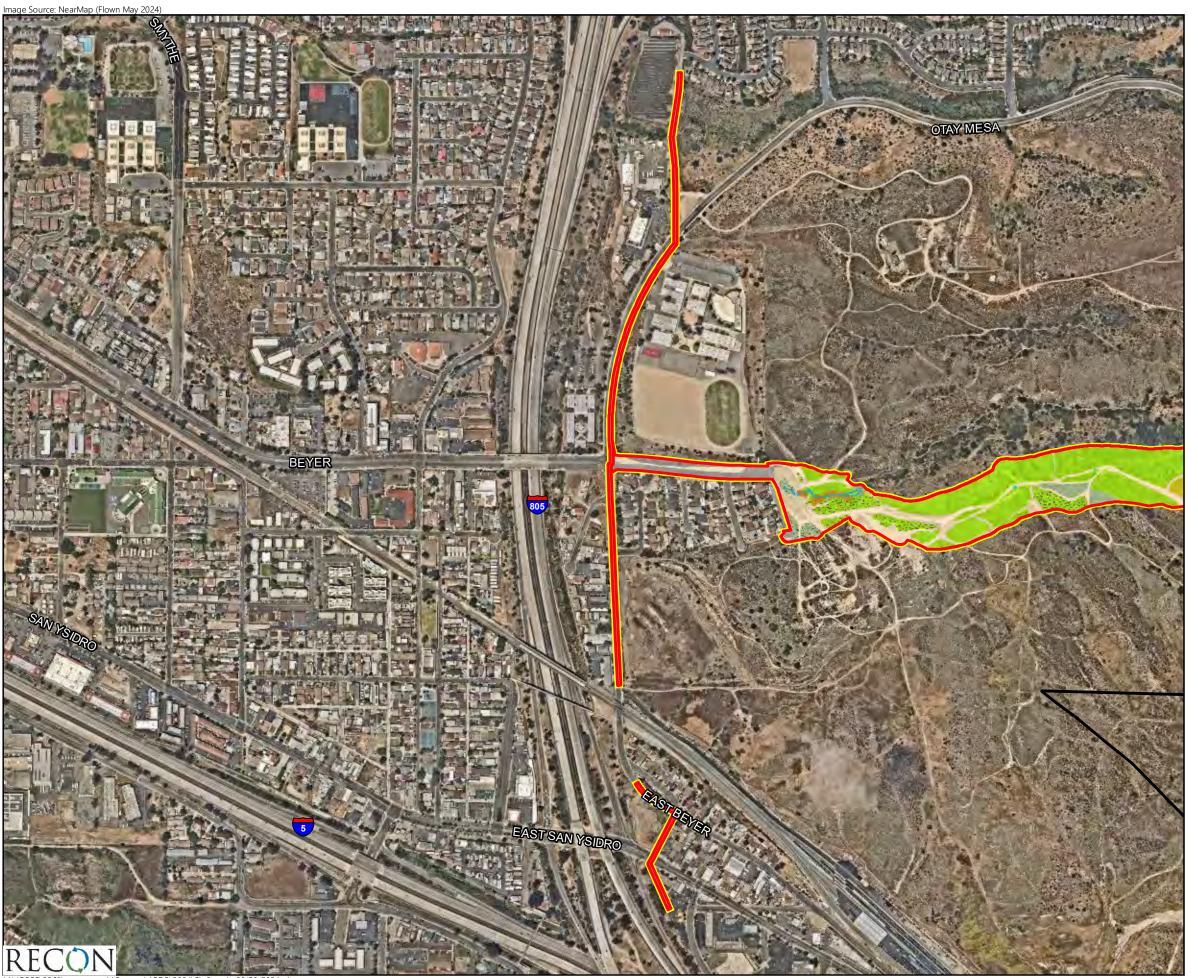


FIGURE 6.3 Vegetation Communities within the Review Area



within the Review Area



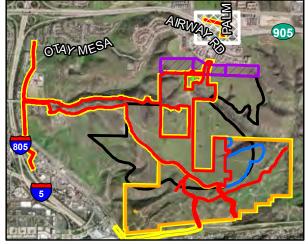


Urban/Developed Land



FIGURE 6.5 Vegetation Communities within the Review Area





Review Area

Project-level Analysis Area

Vernal Pool Restoration Areas

Specific Plan Boundary

Southwind Project Area

Candlelight Project Area

Southwest Village Vegetation

Disturbed Land

Urban/Developed Land



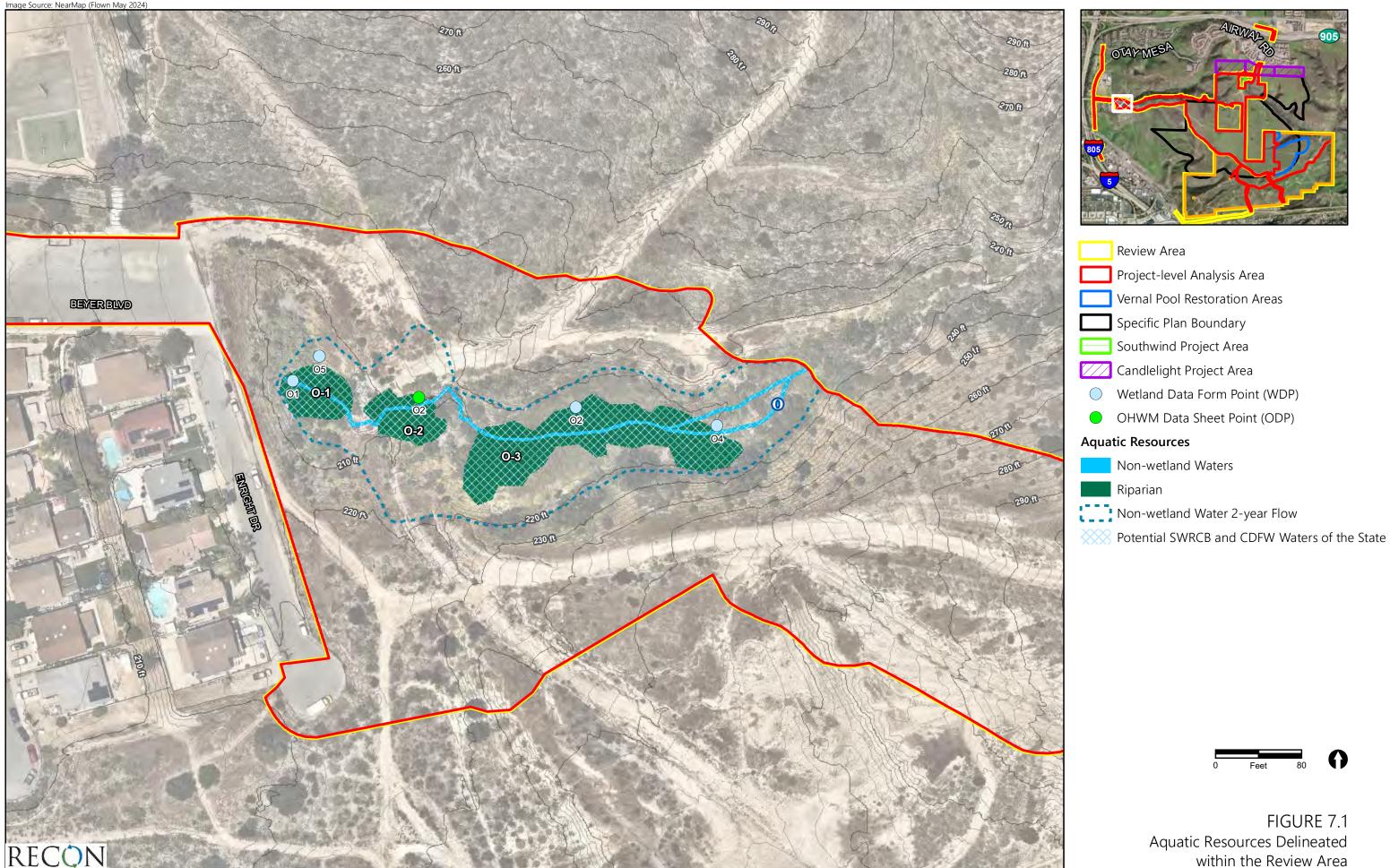
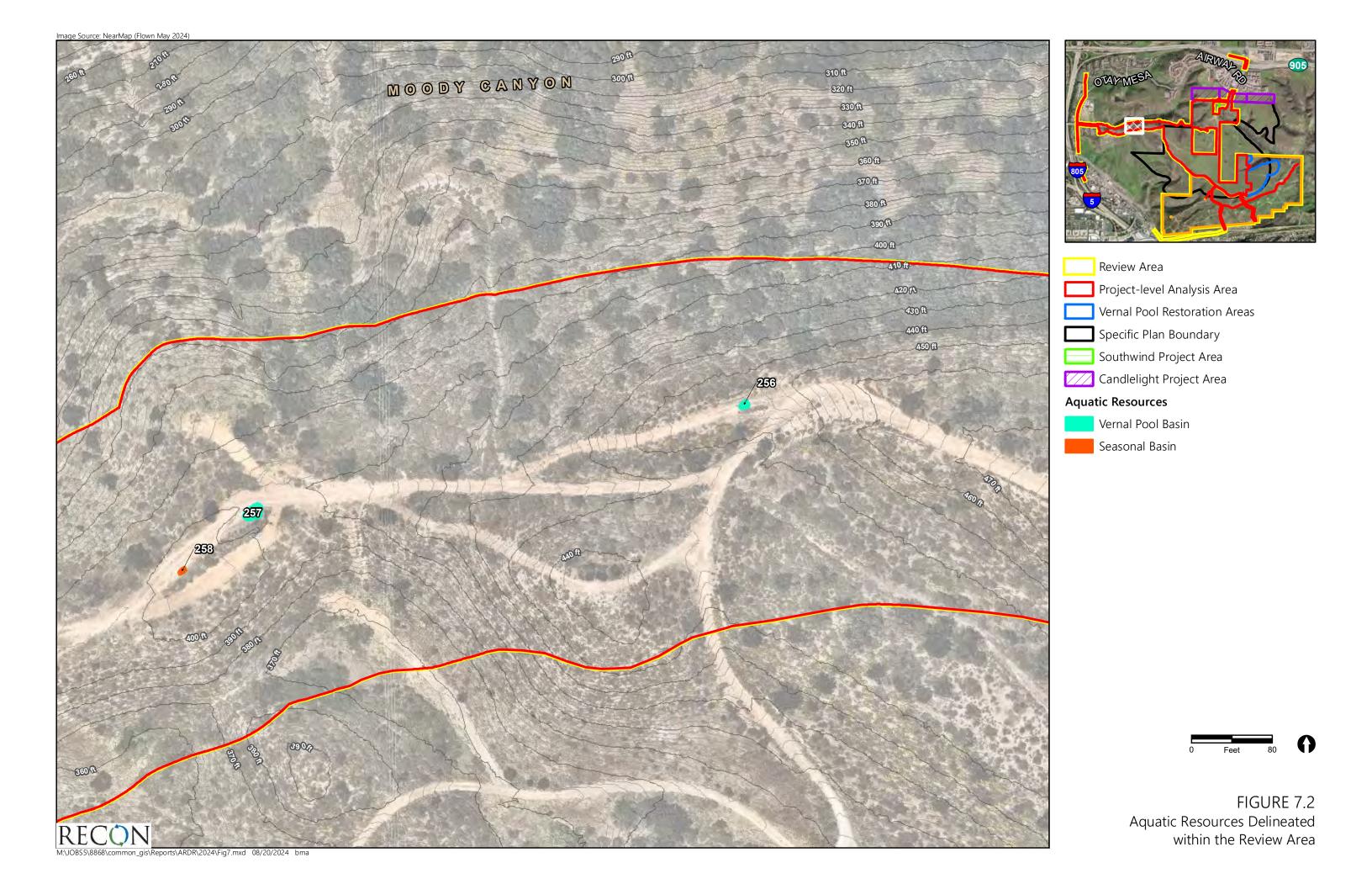
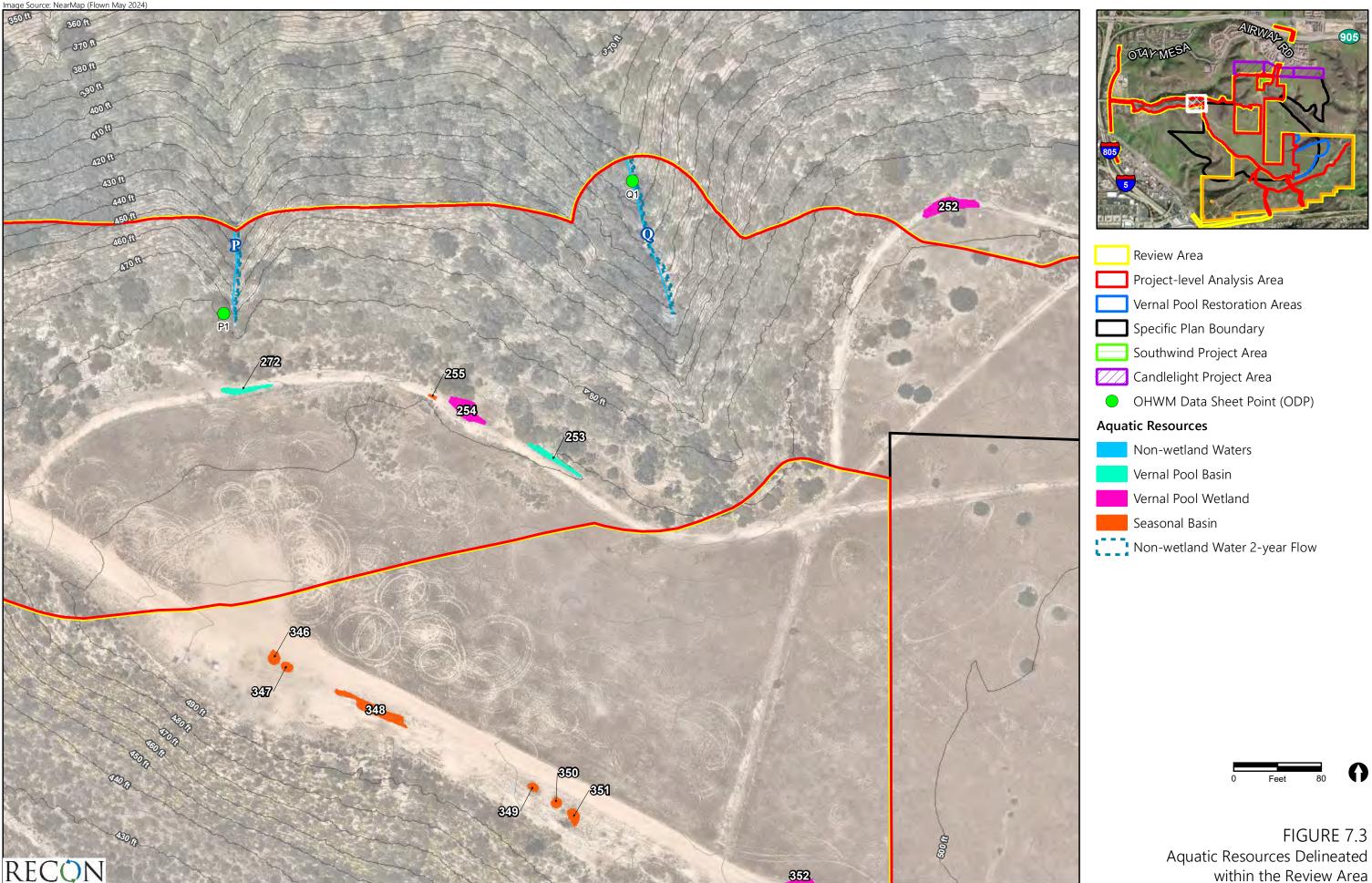
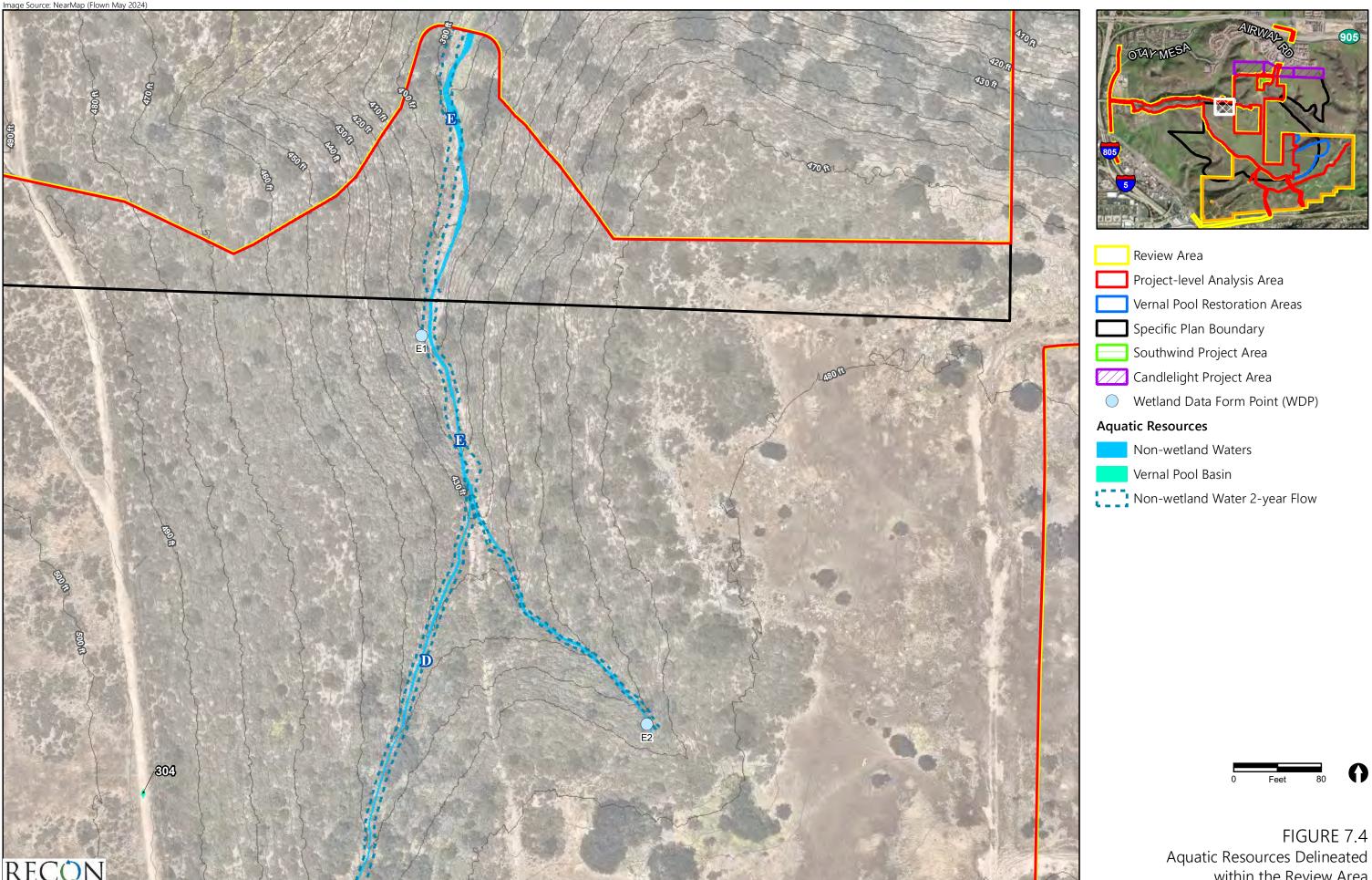


FIGURE 7.1 Aquatic Resources Delineated within the Review Area

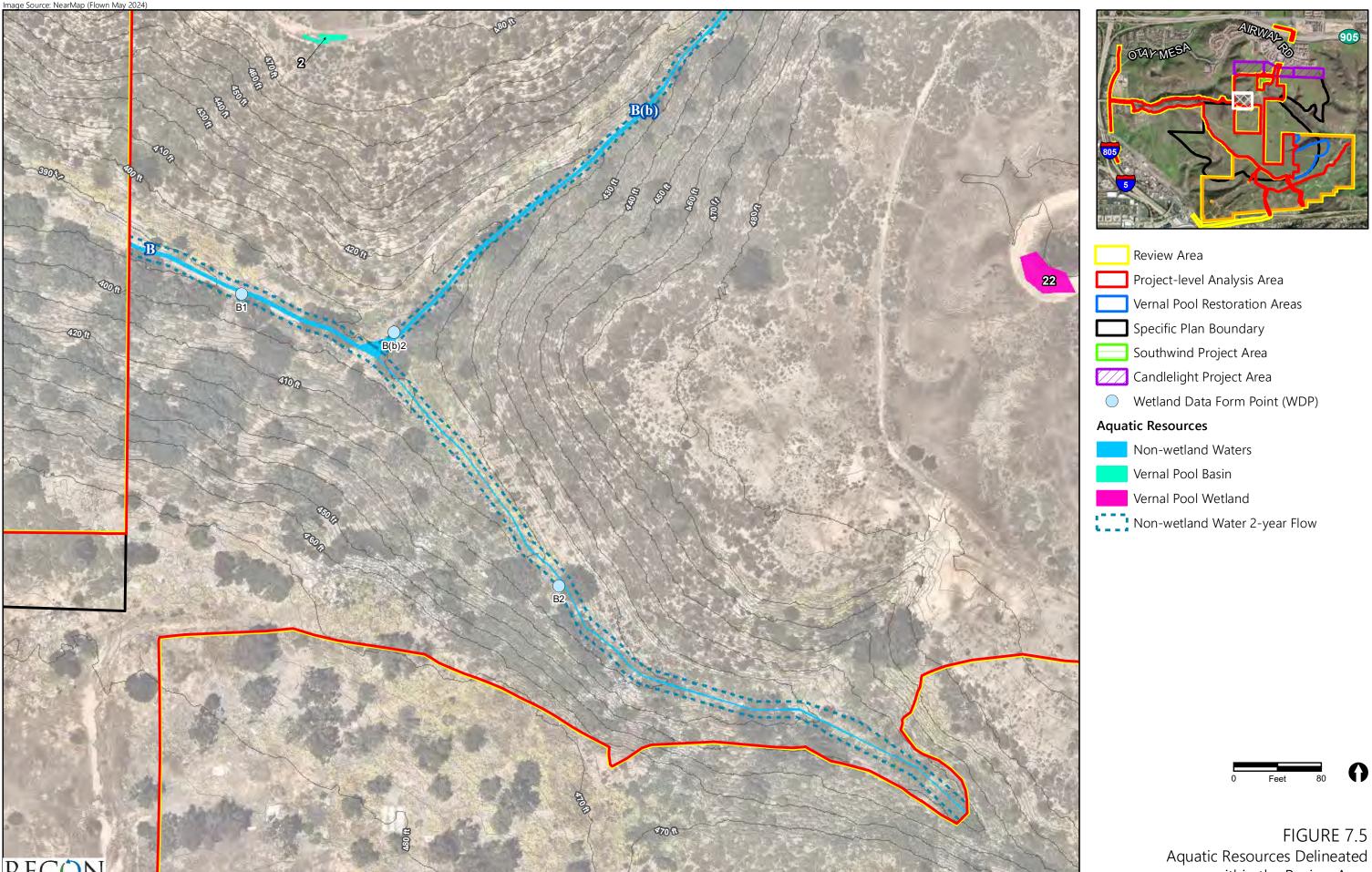




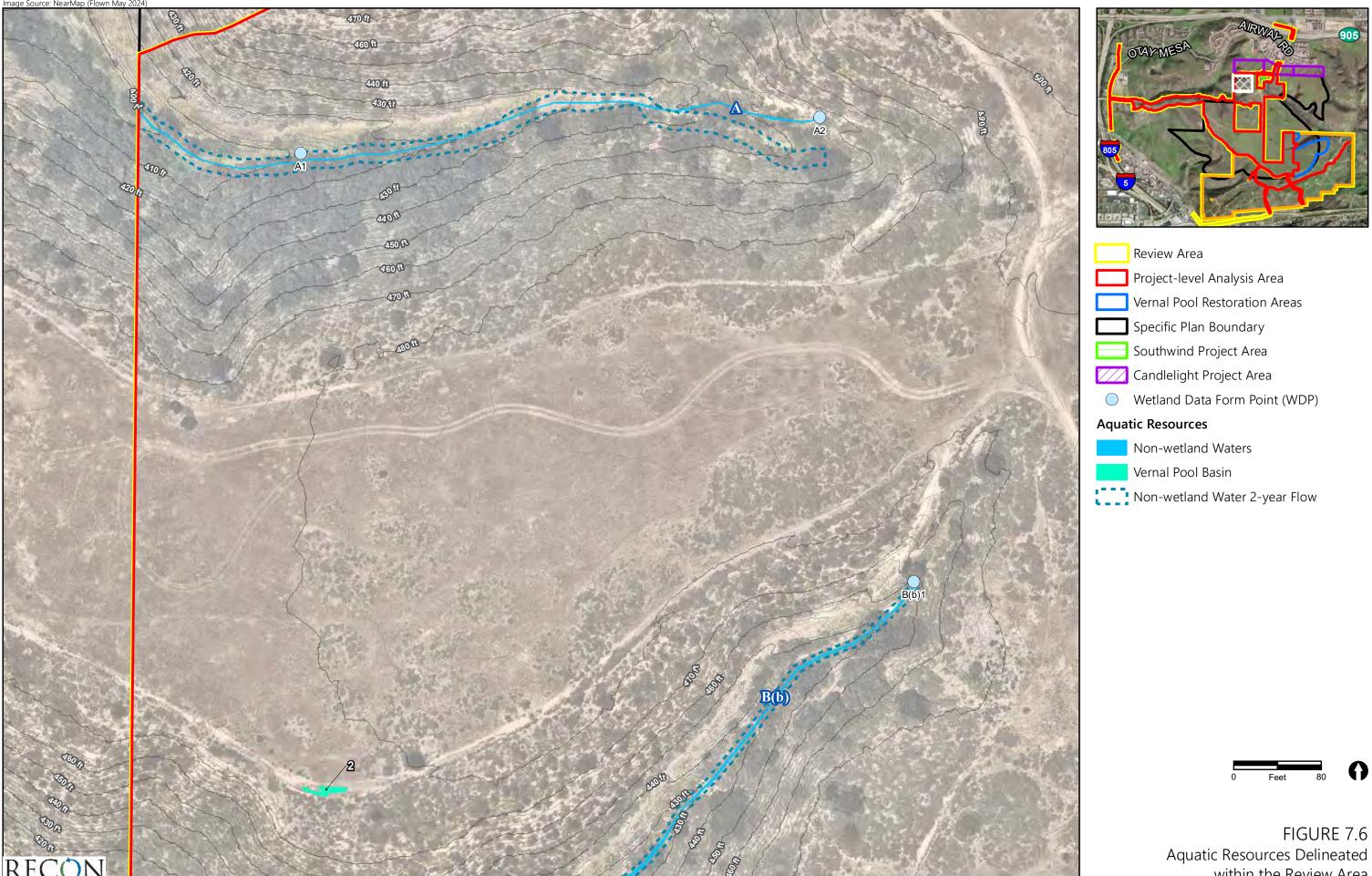
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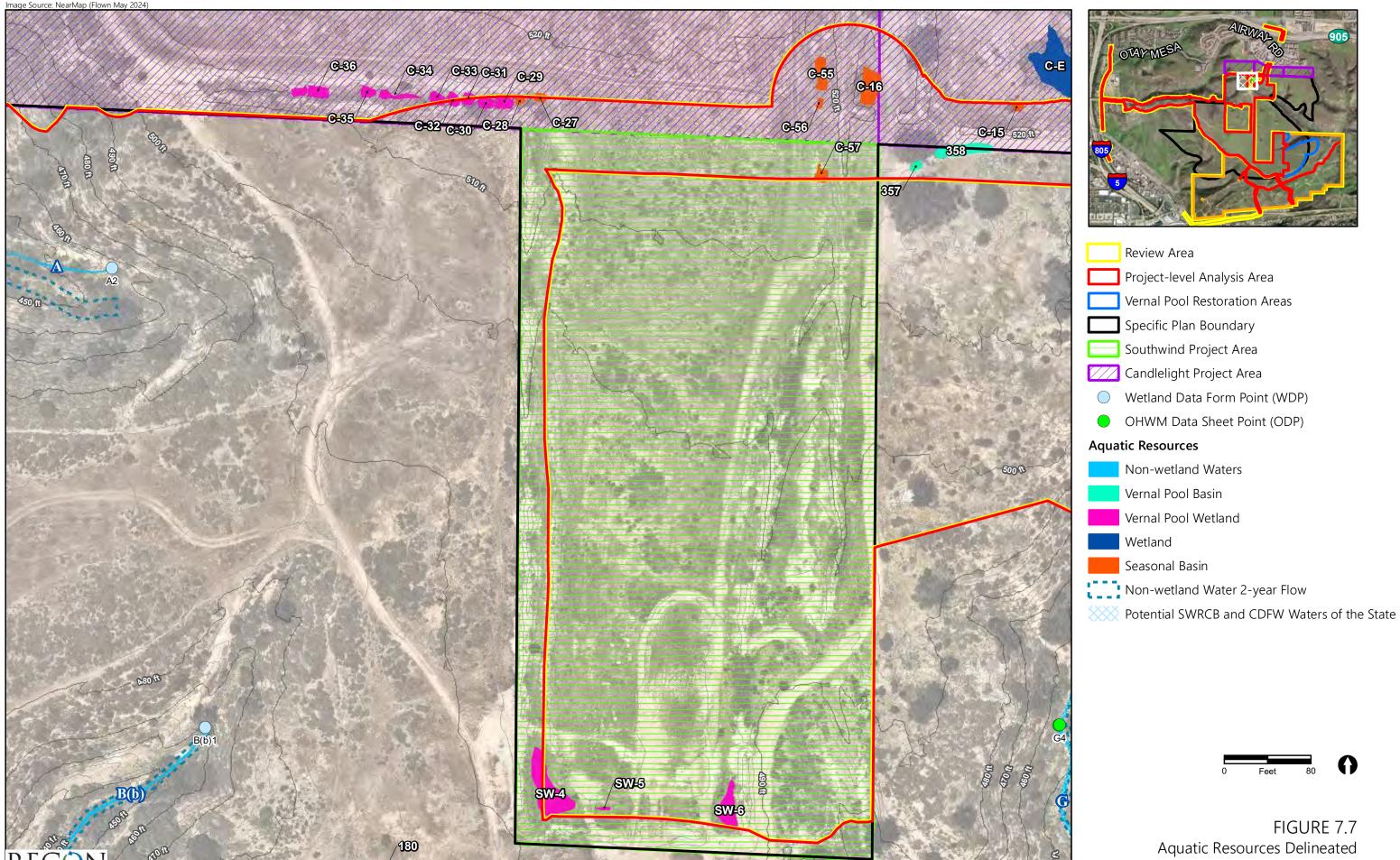
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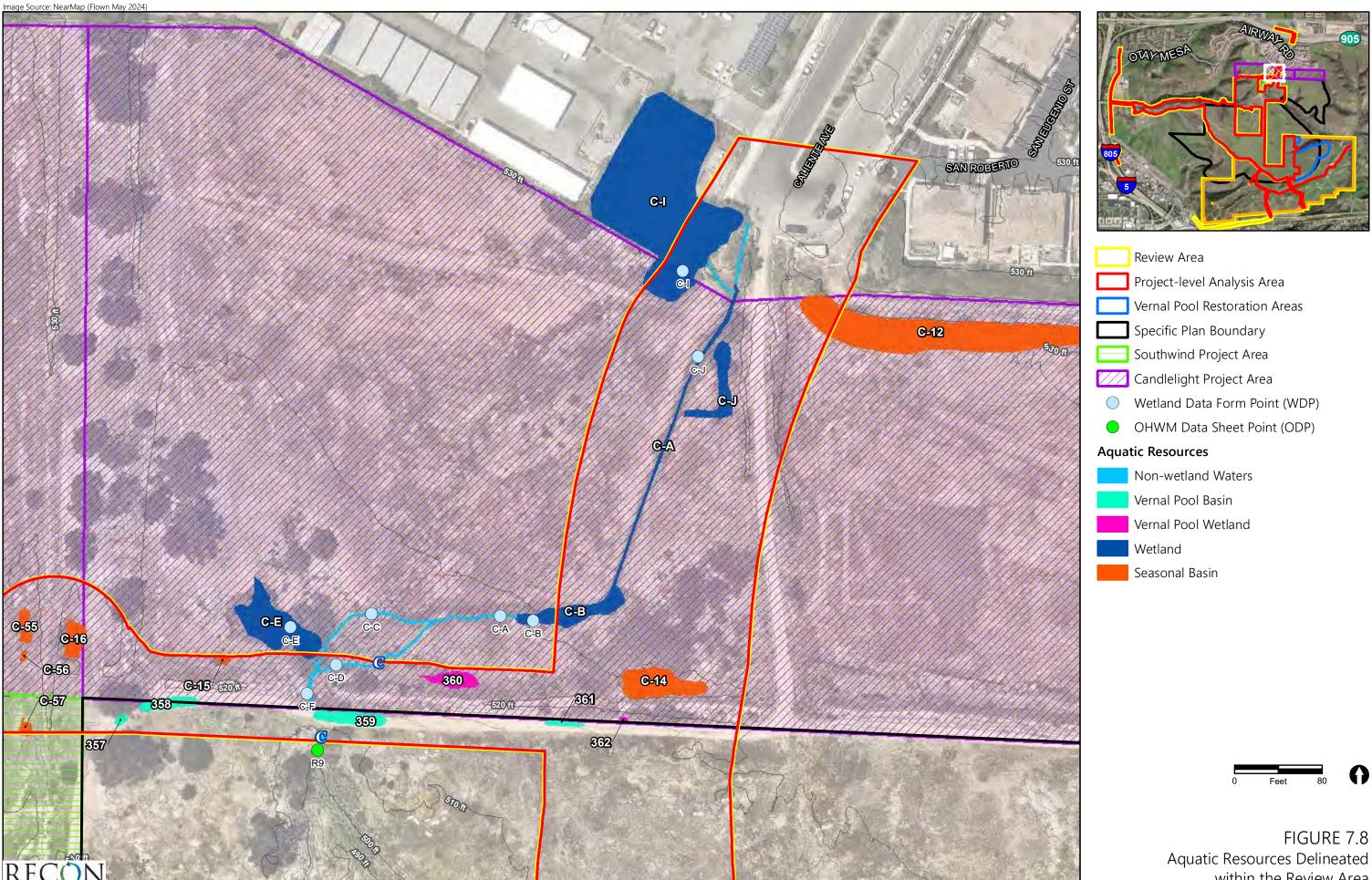
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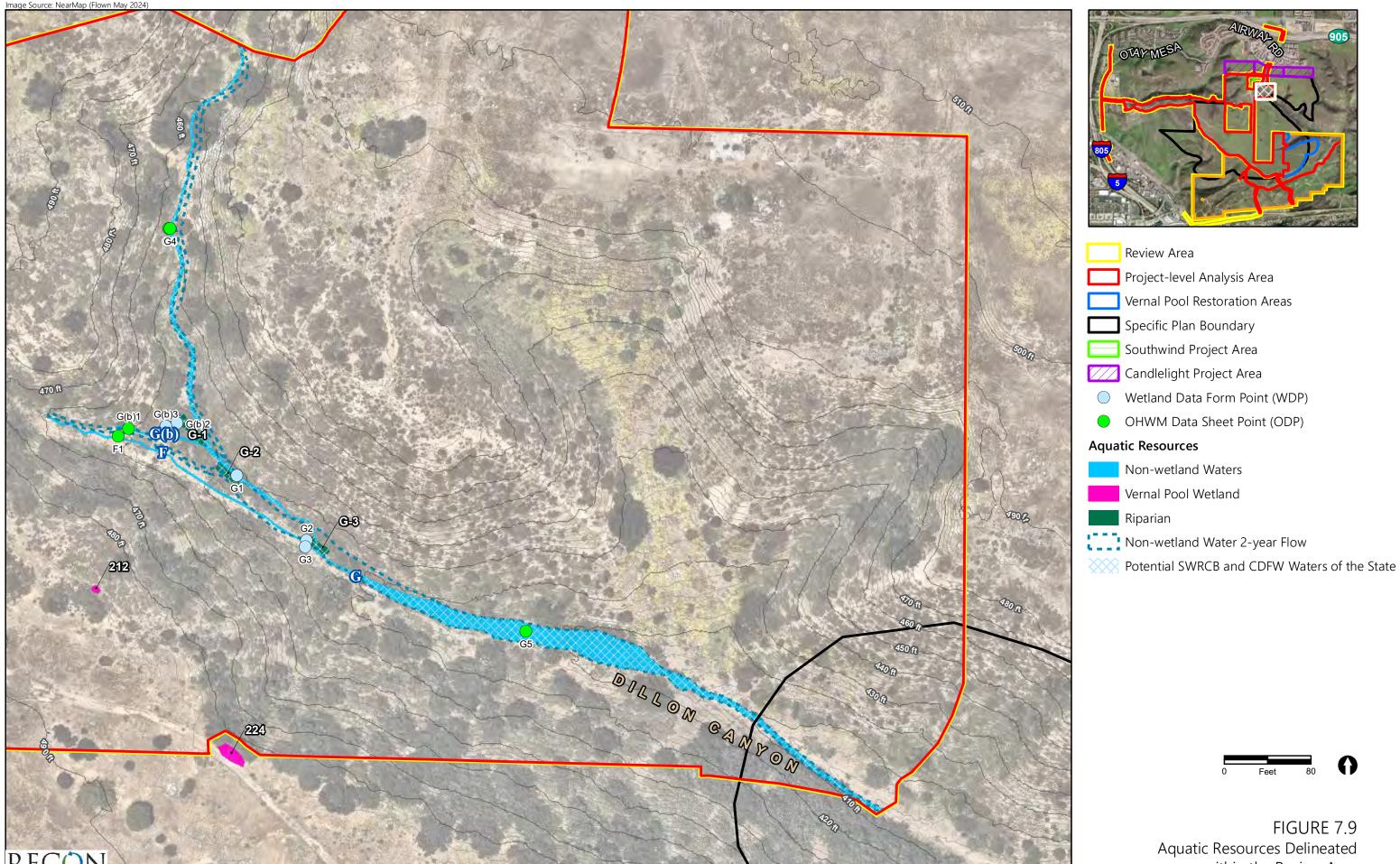
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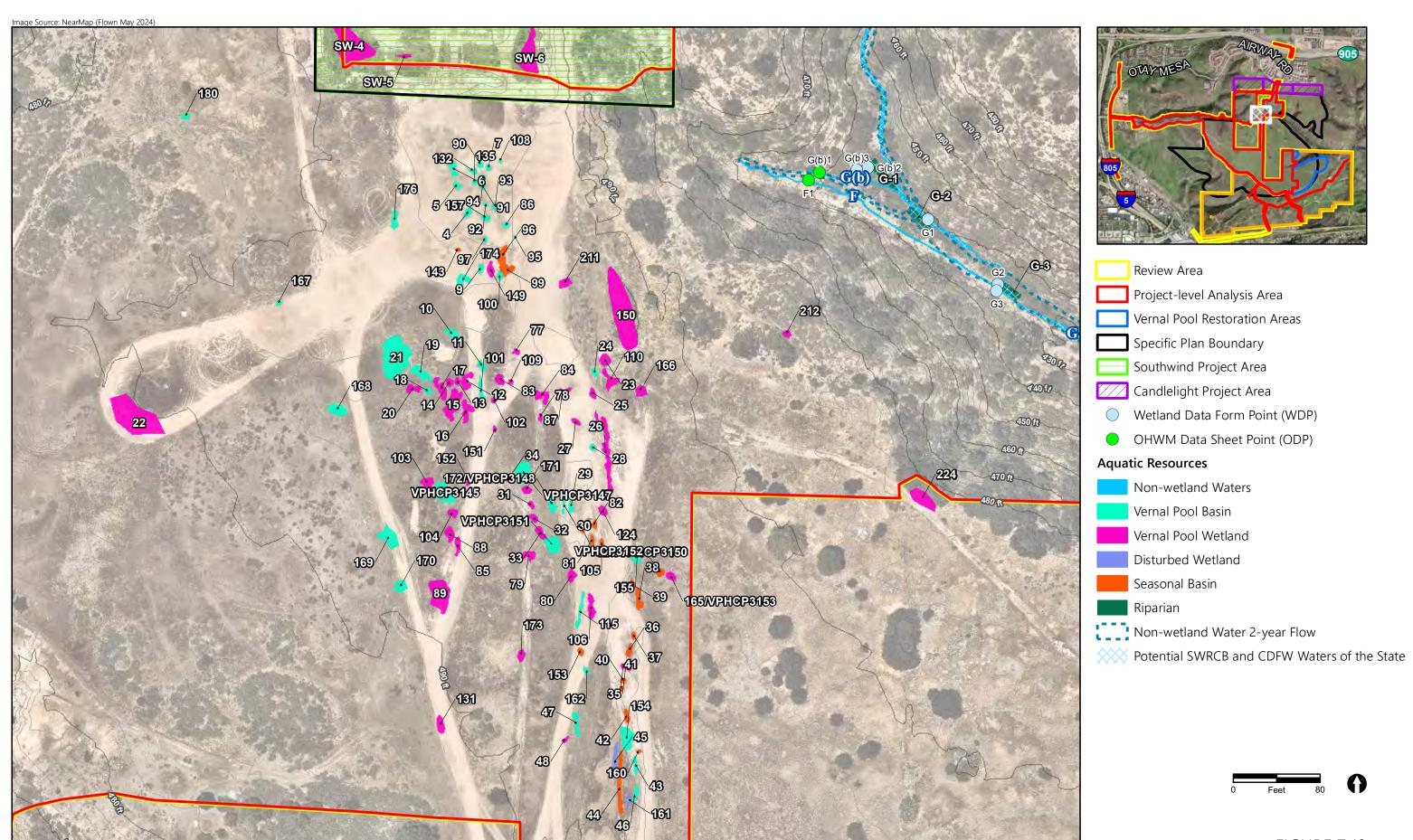


FIGURE 7.10 Aquatic Resources Delineated within the Review Area

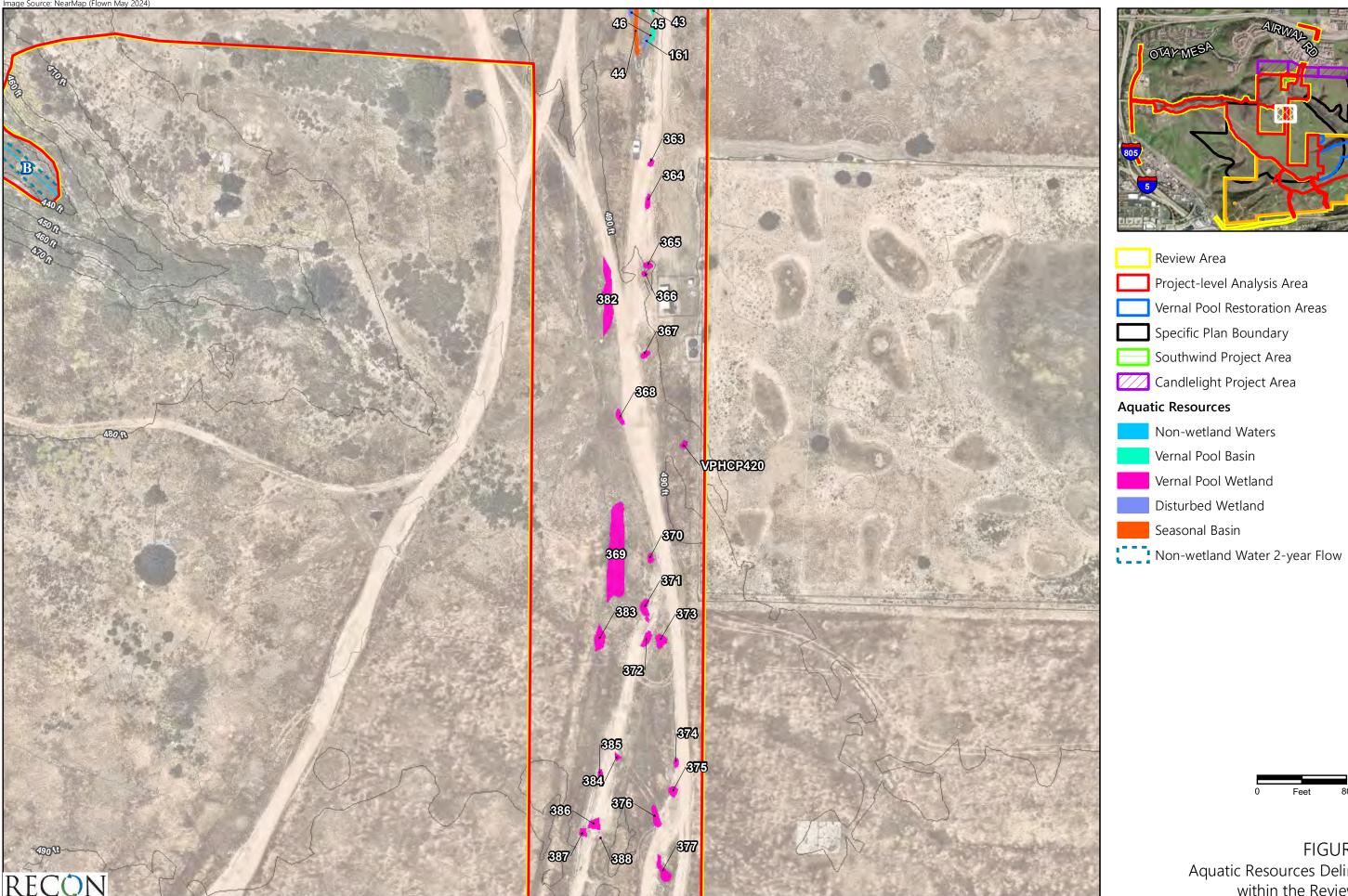
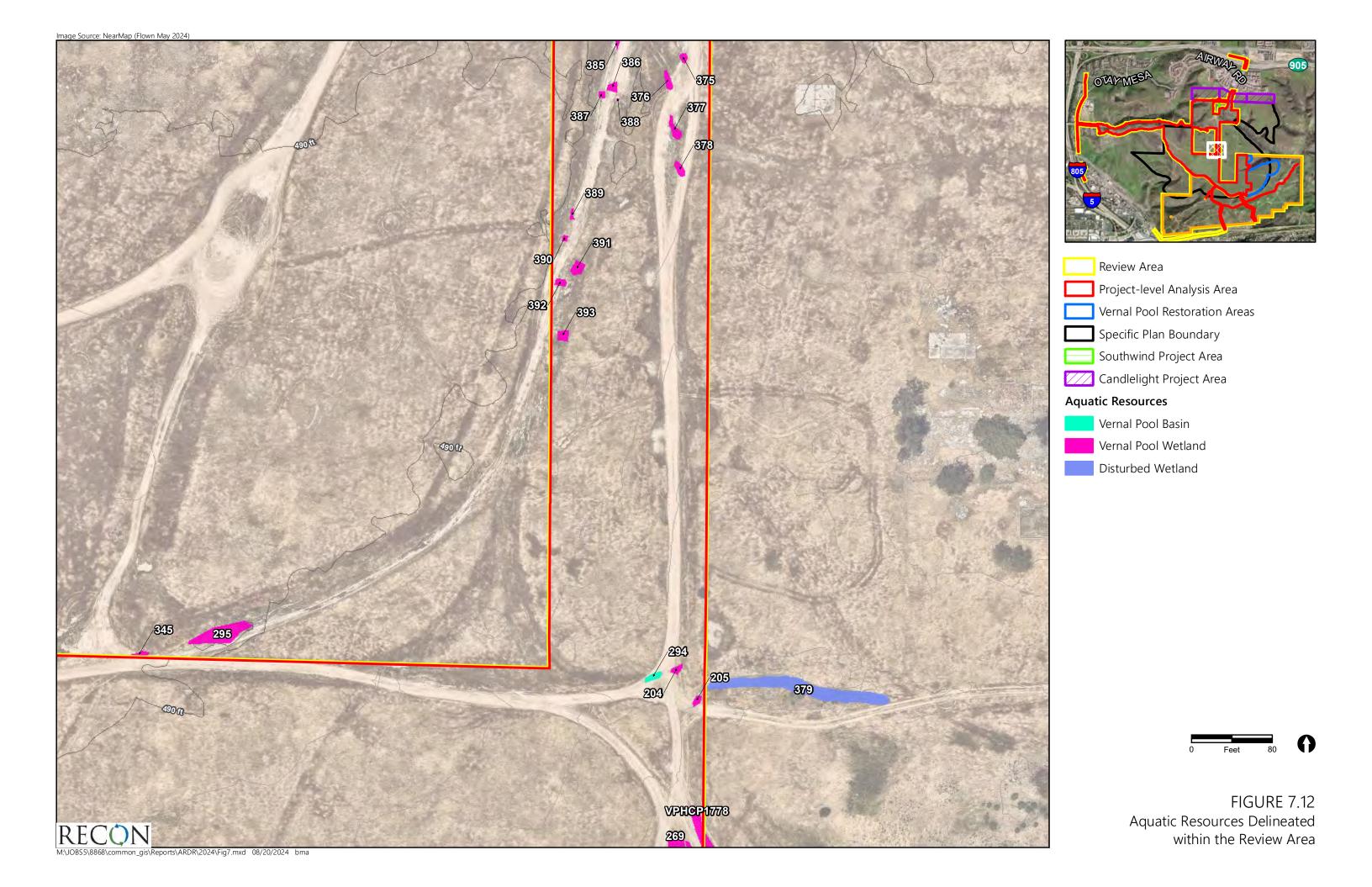
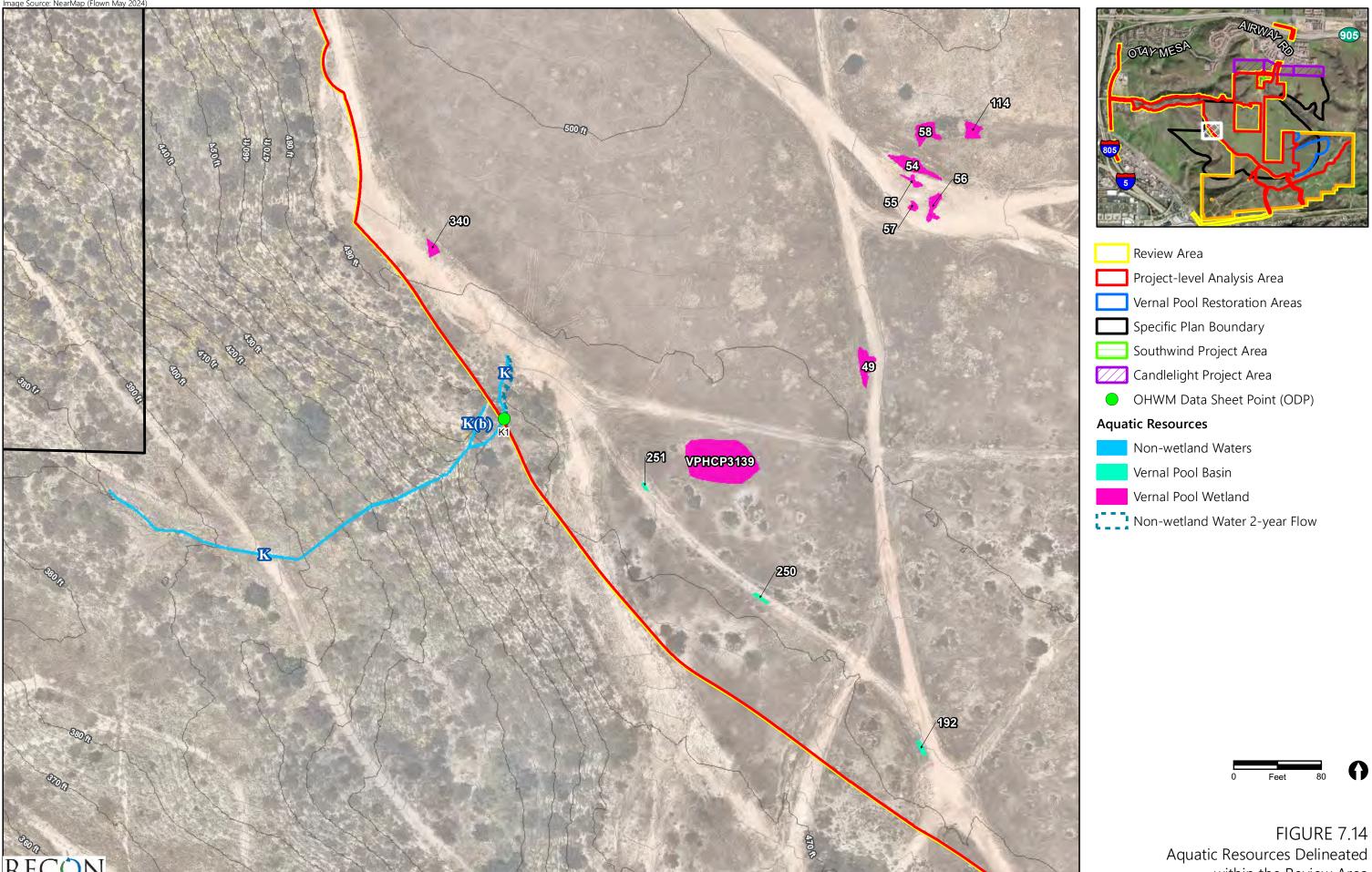


FIGURE 7.11 Aquatic Resources Delineated within the Review Area

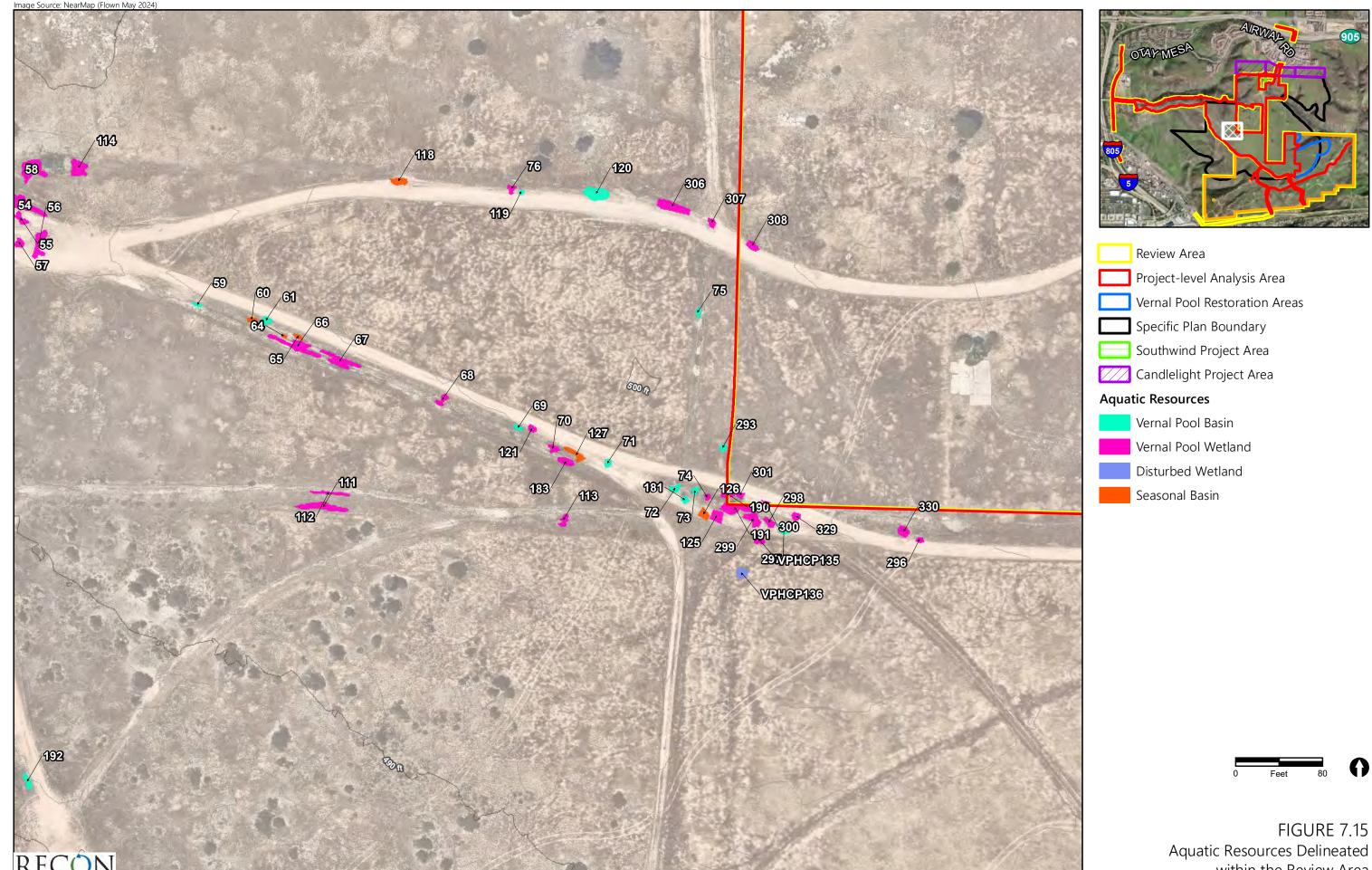




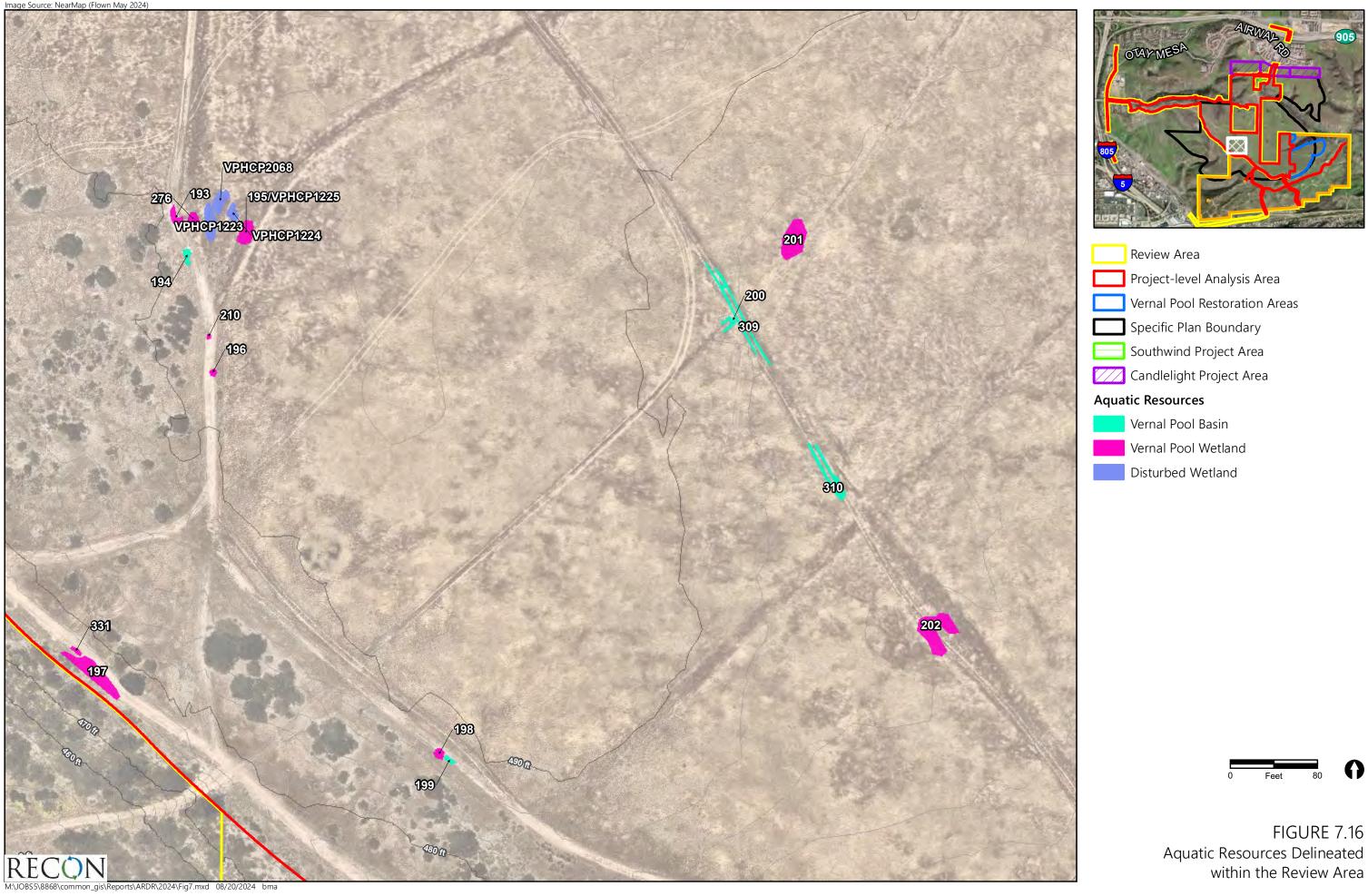
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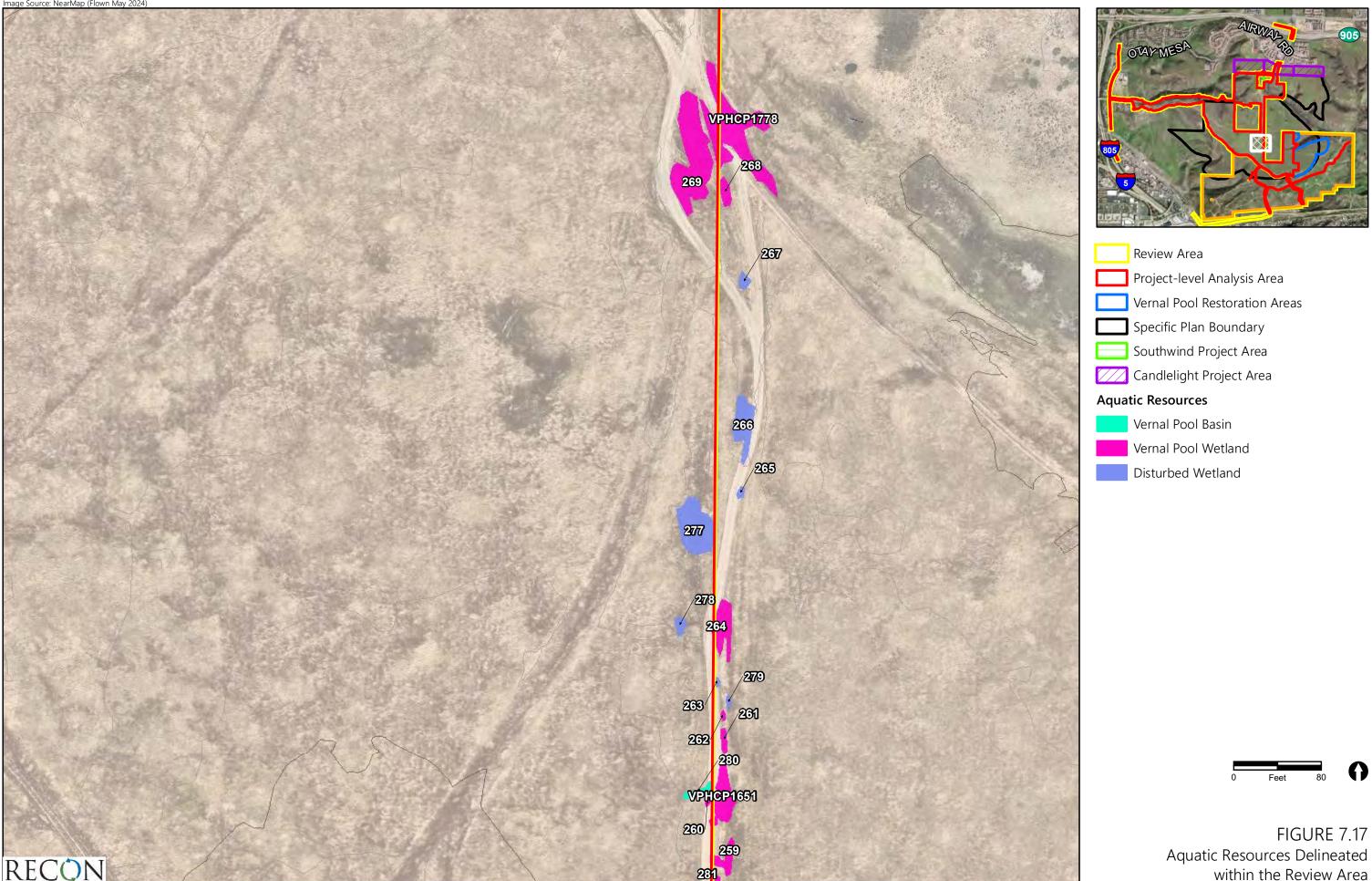
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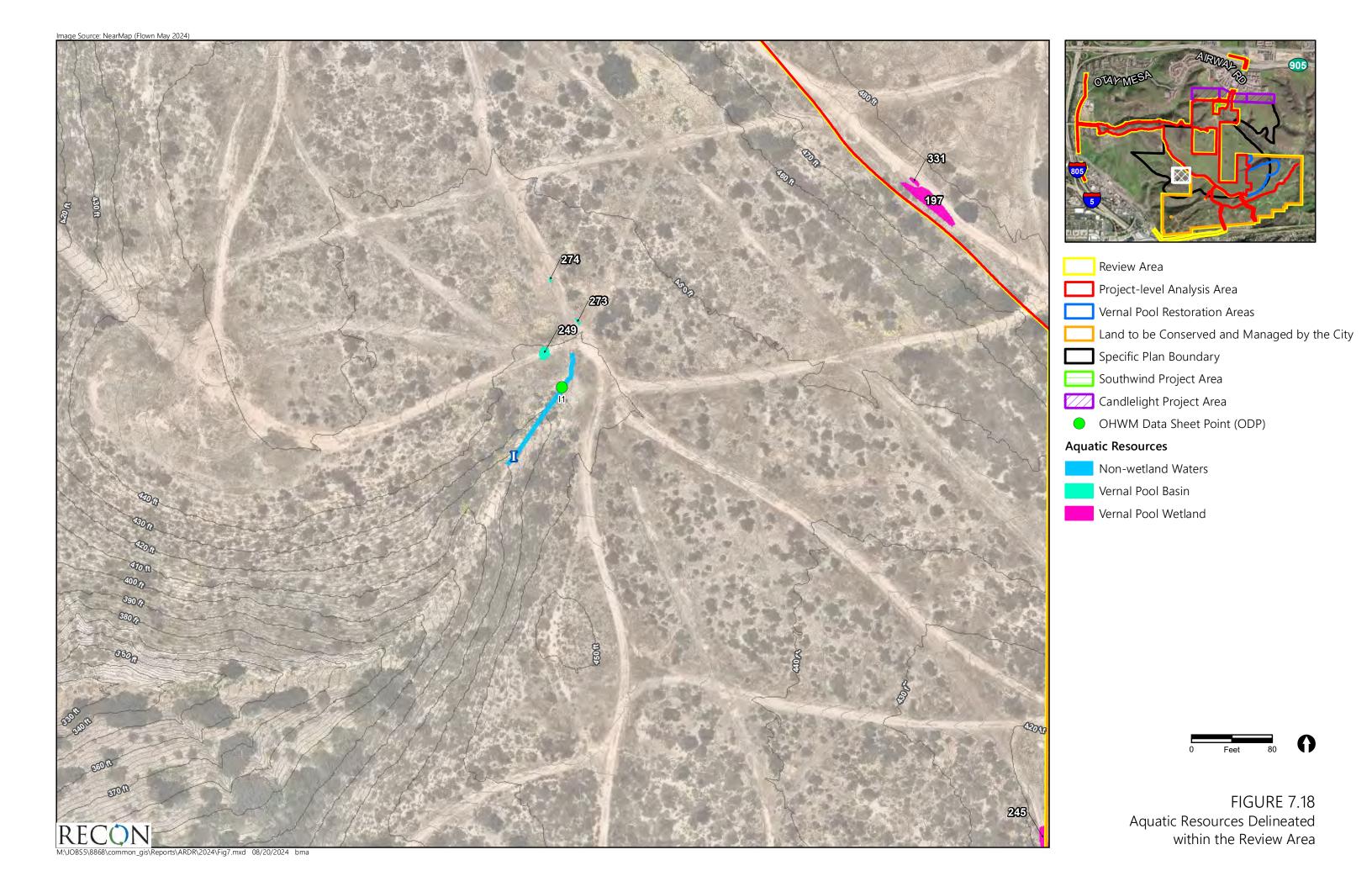
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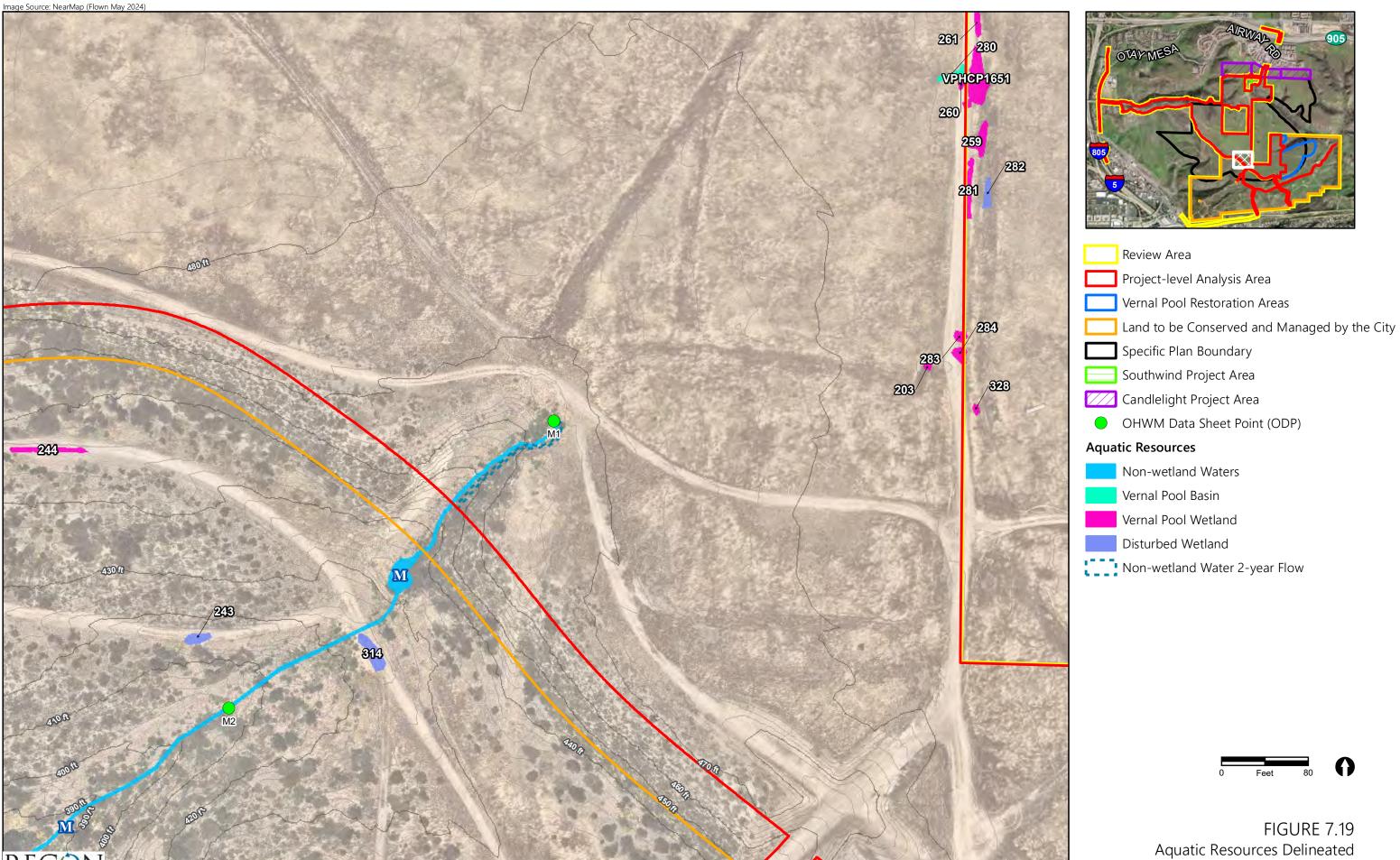


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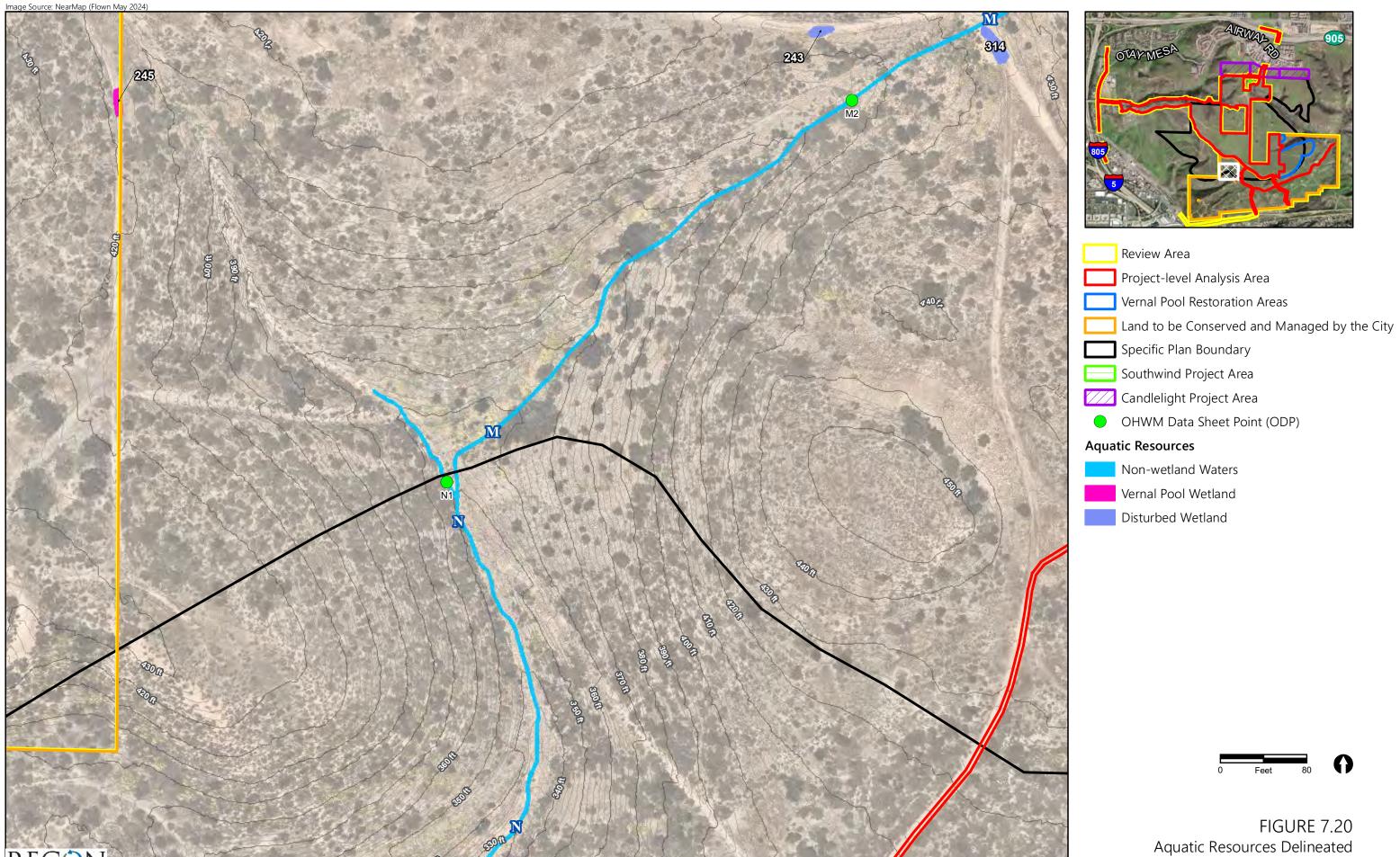


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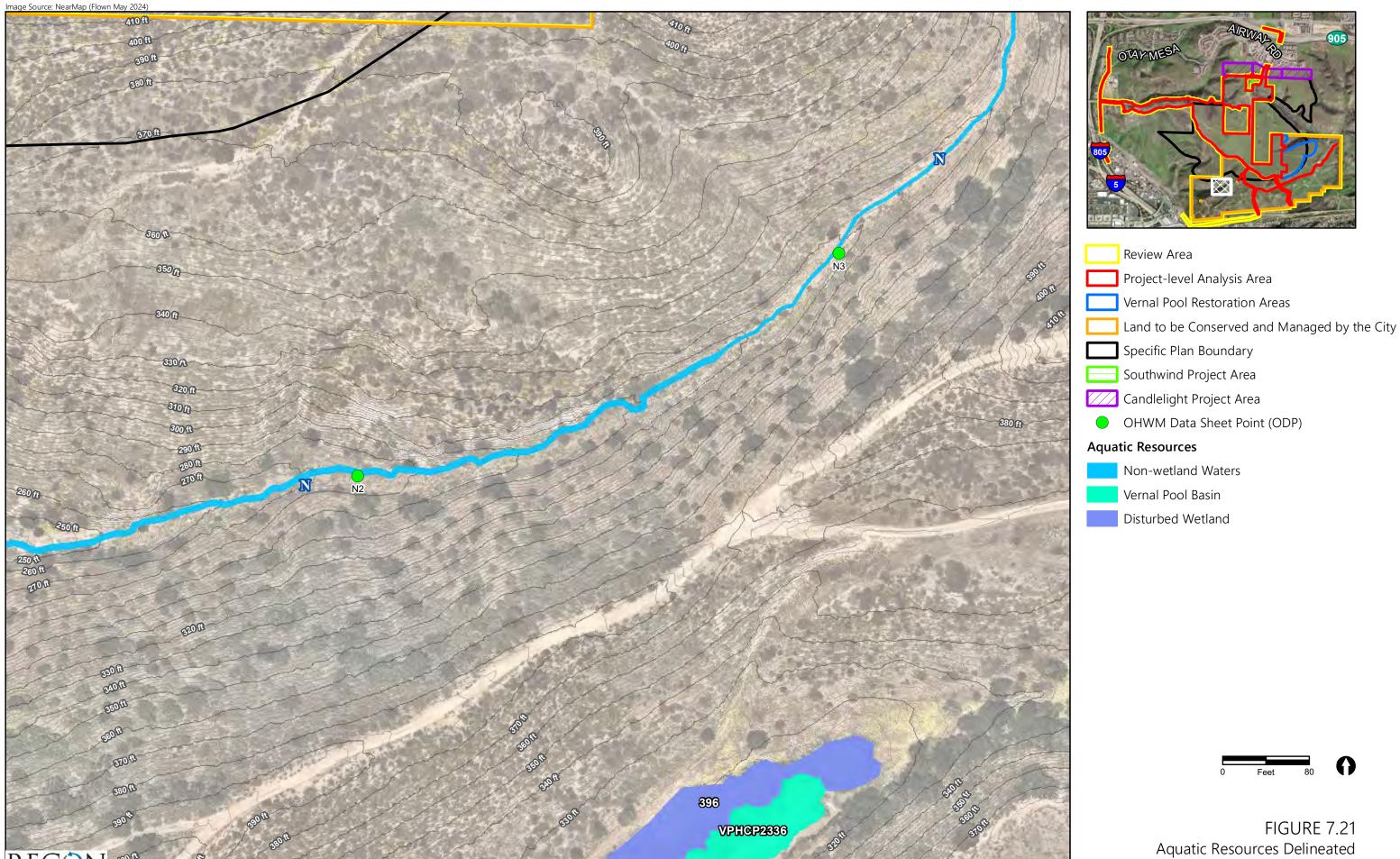




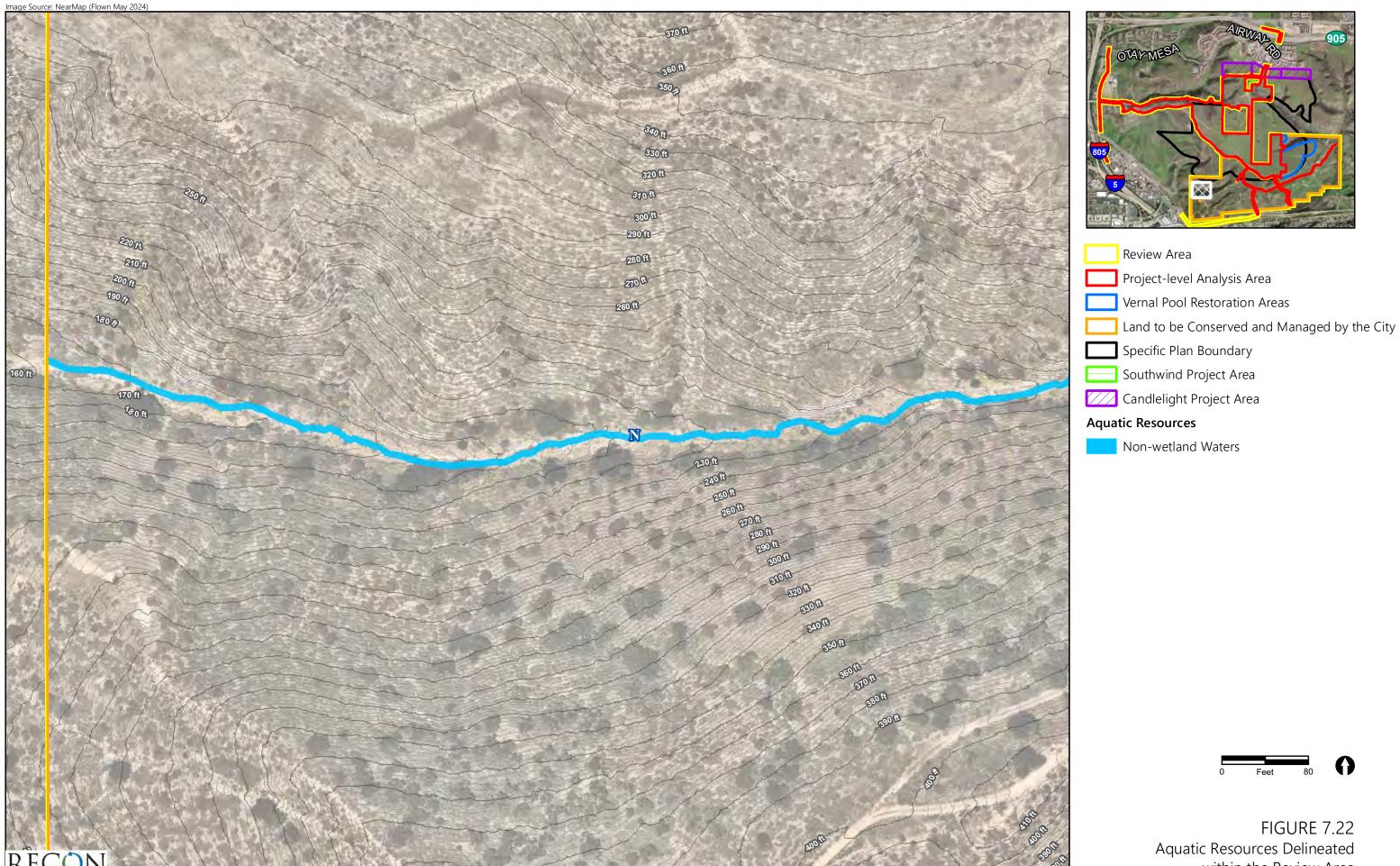
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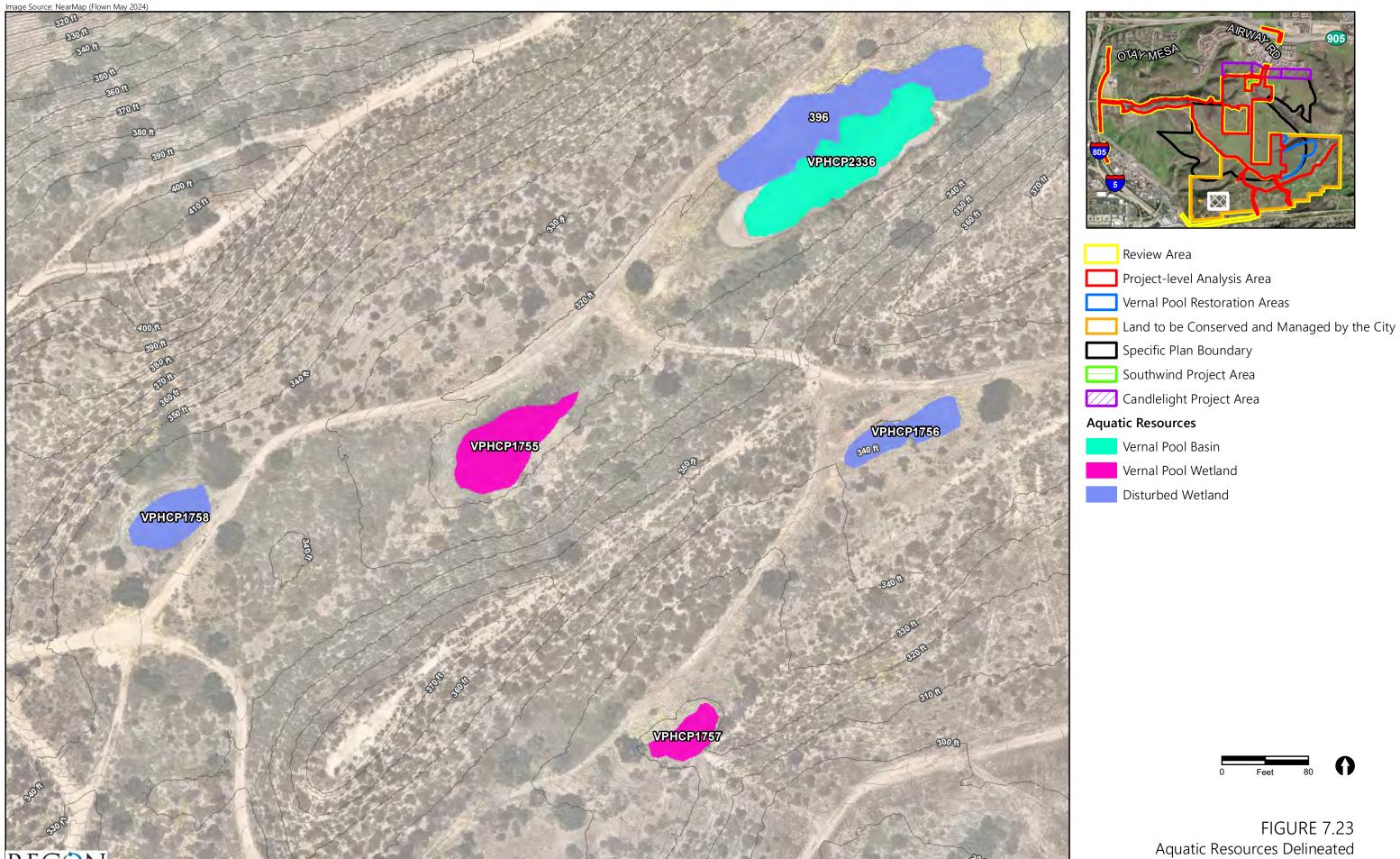
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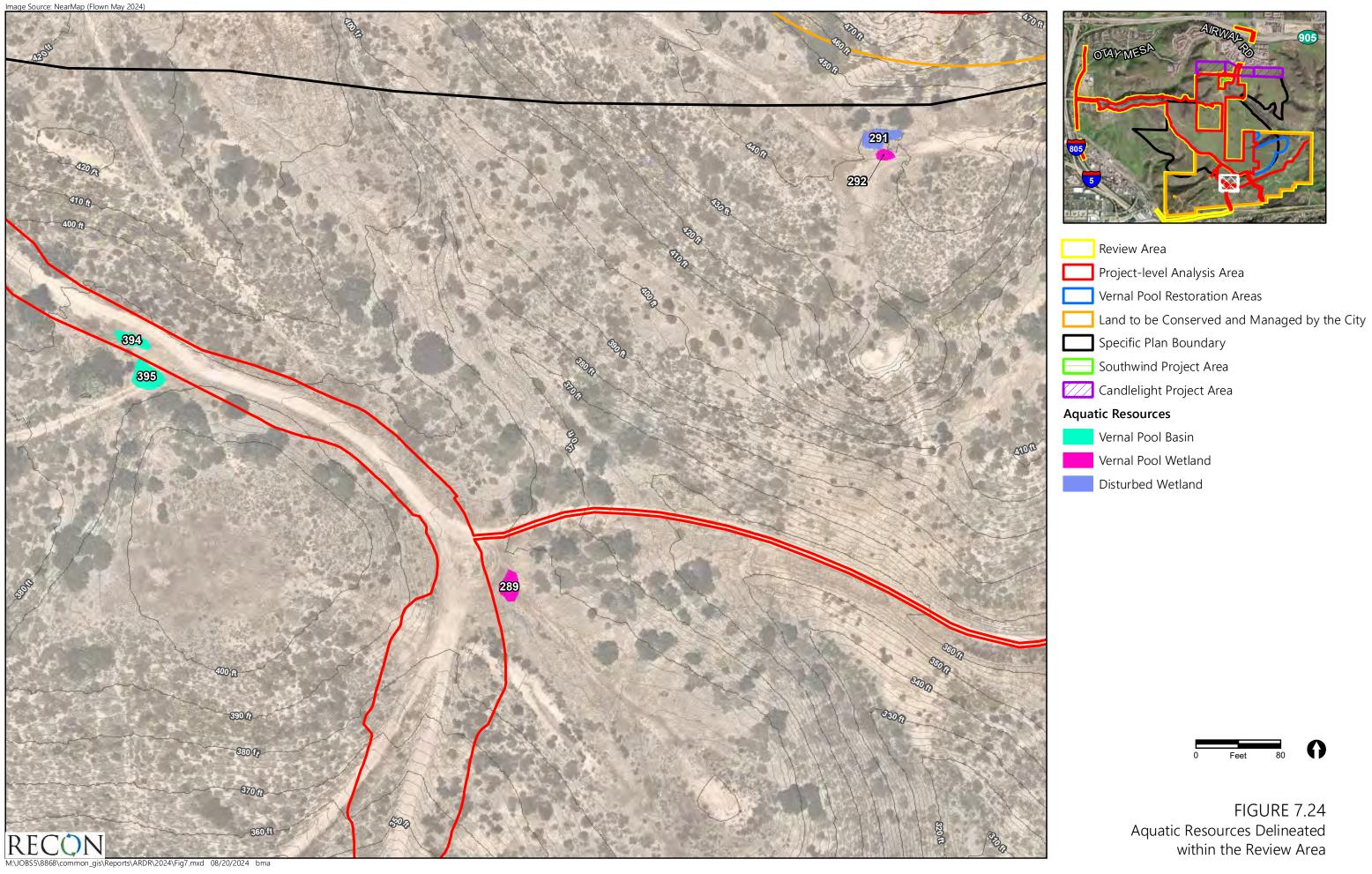
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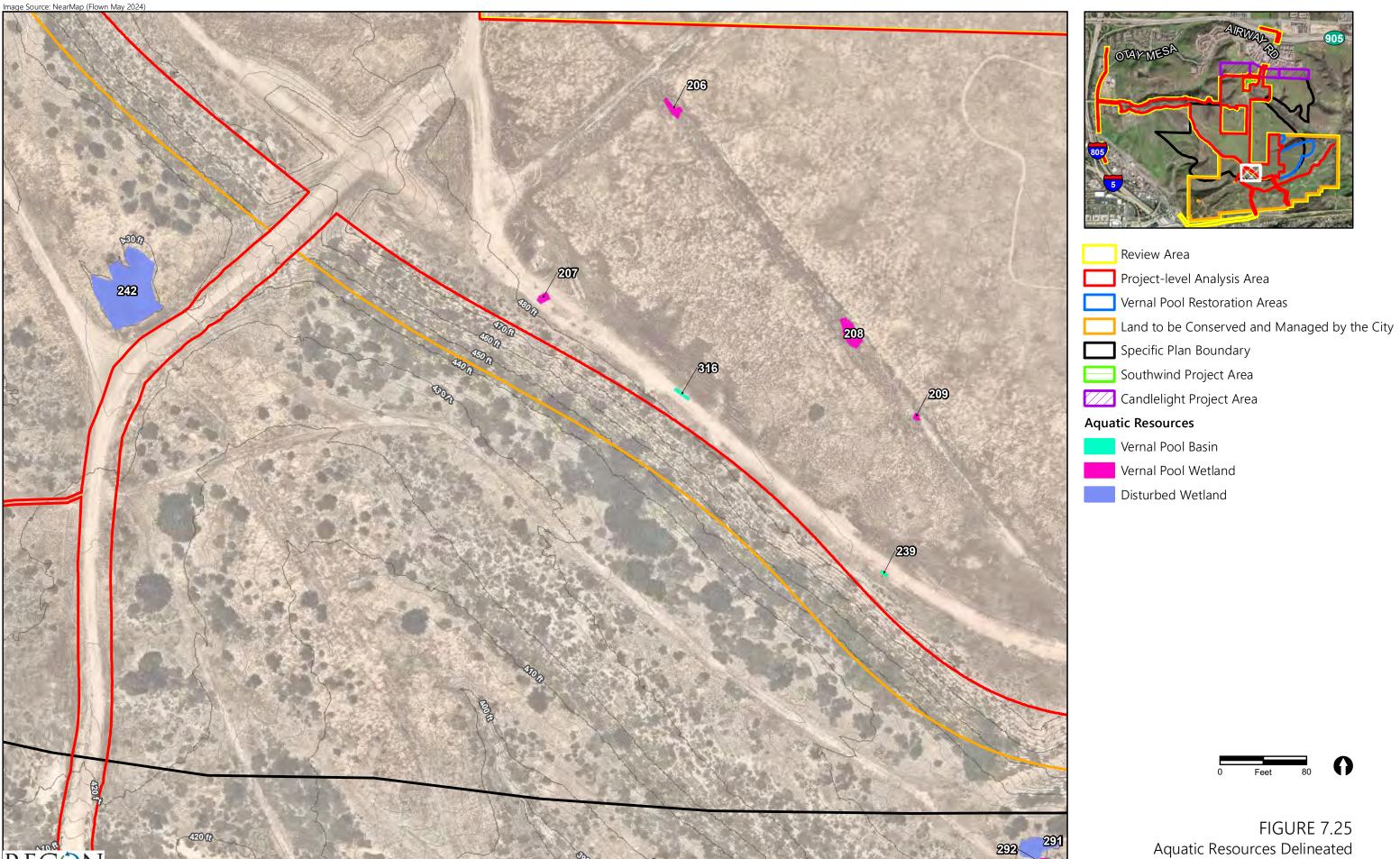
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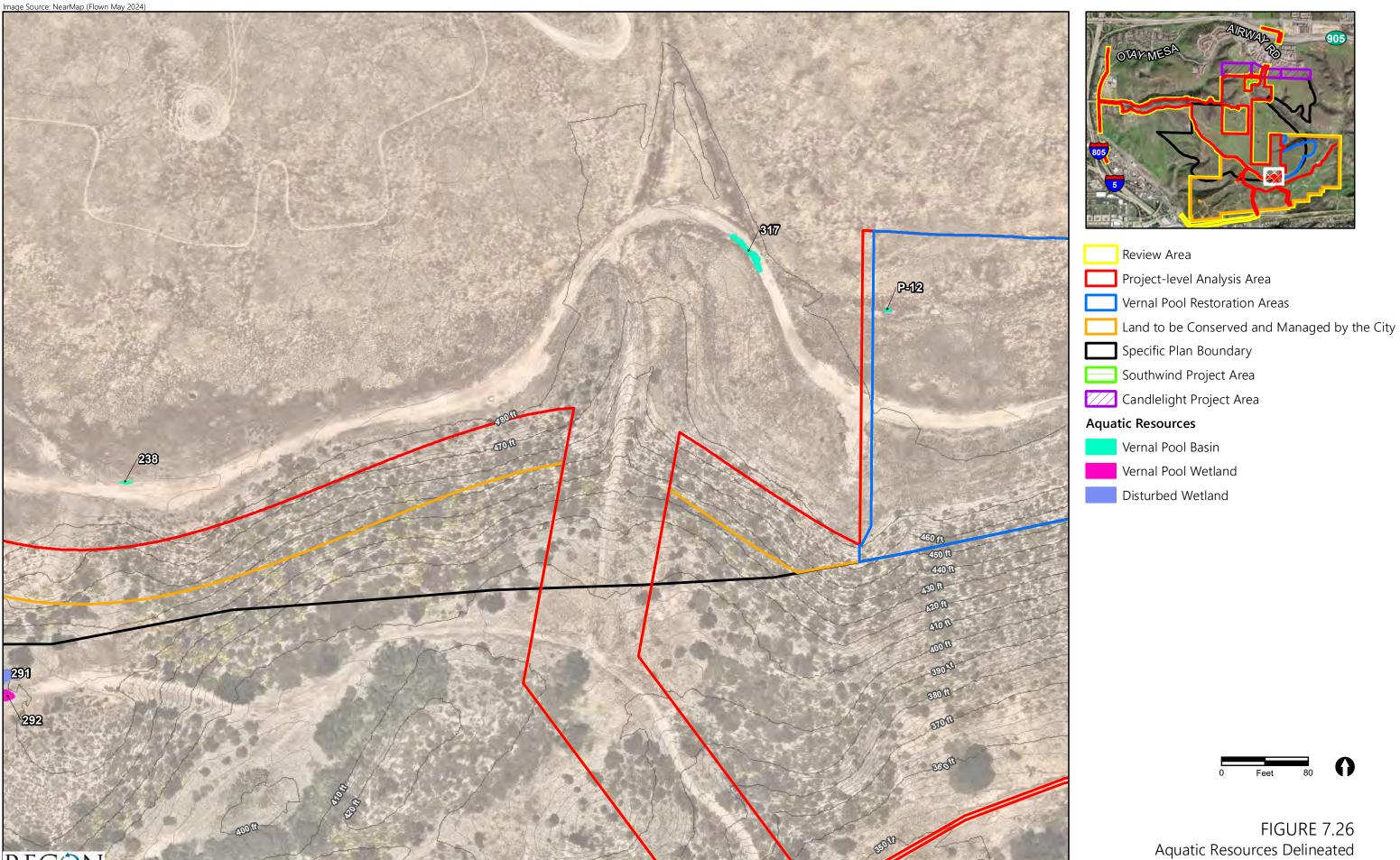
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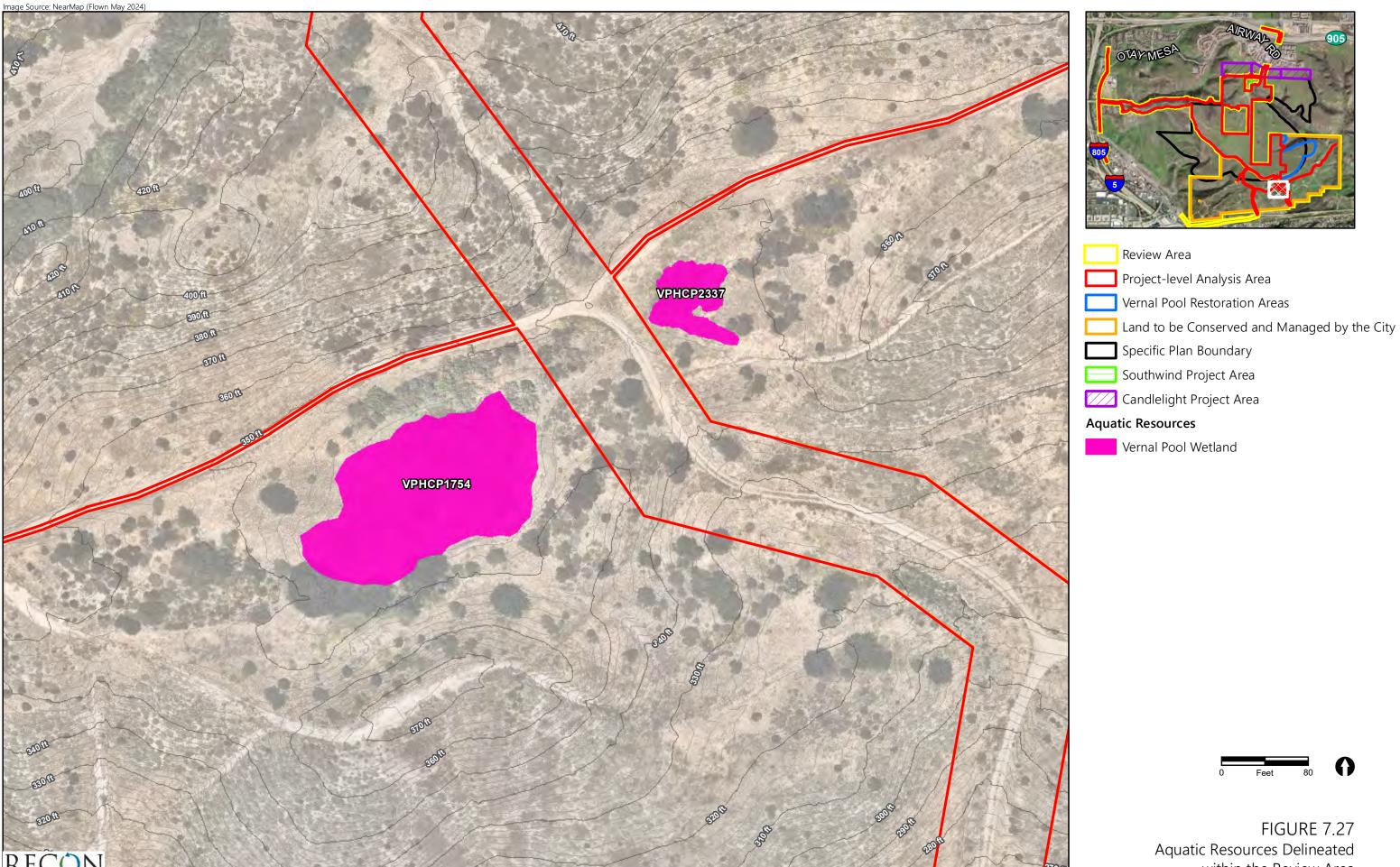
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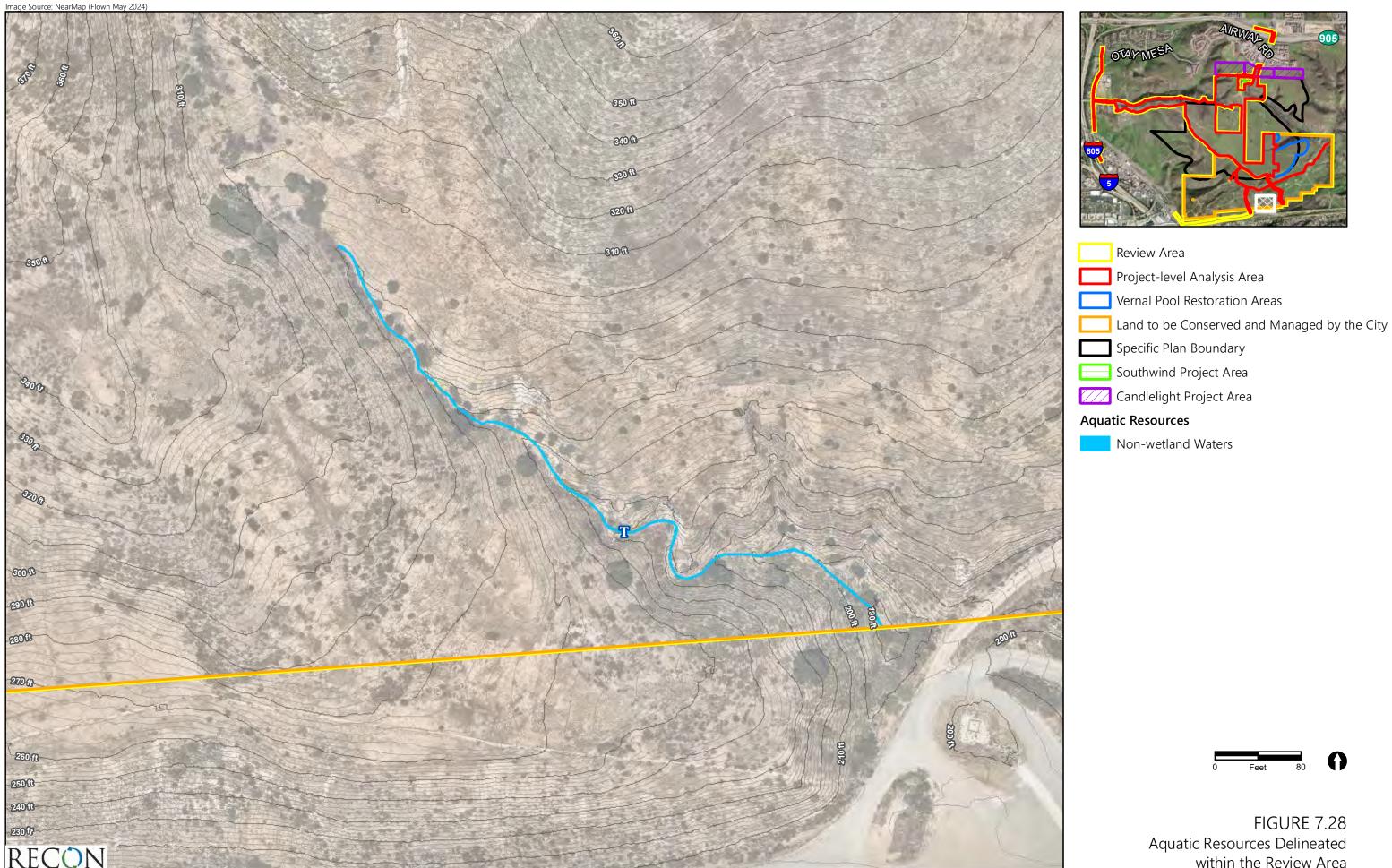
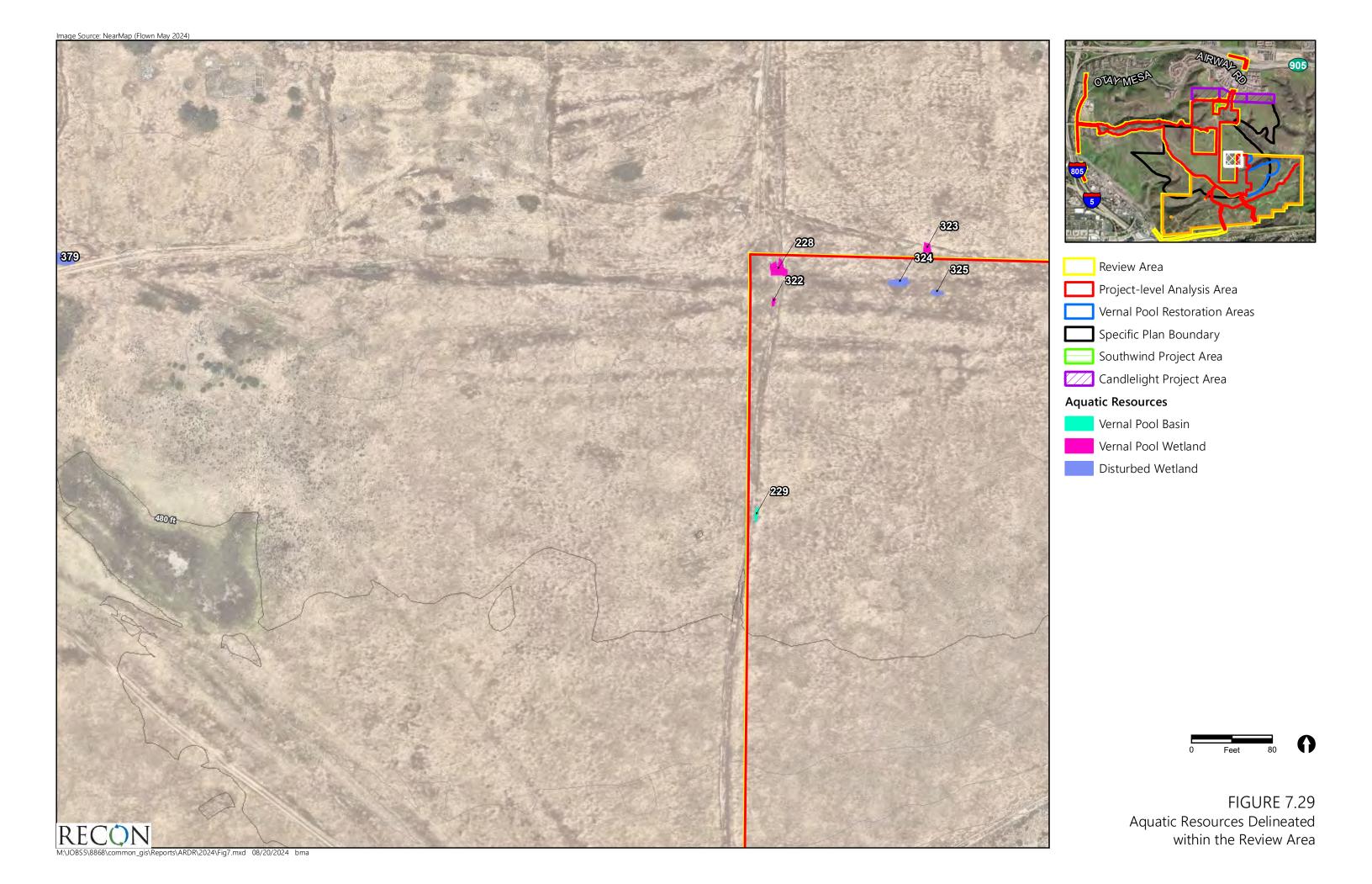
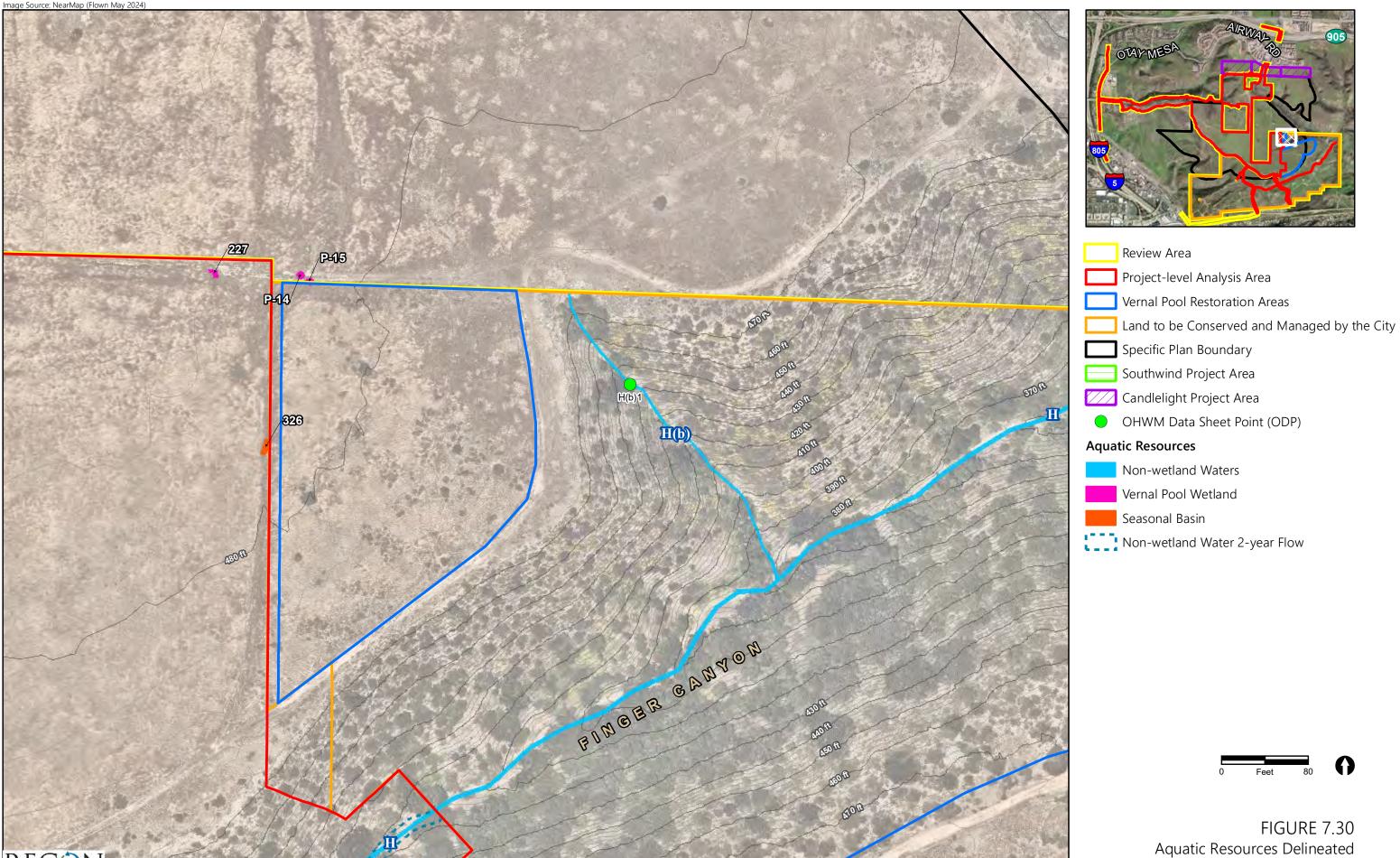
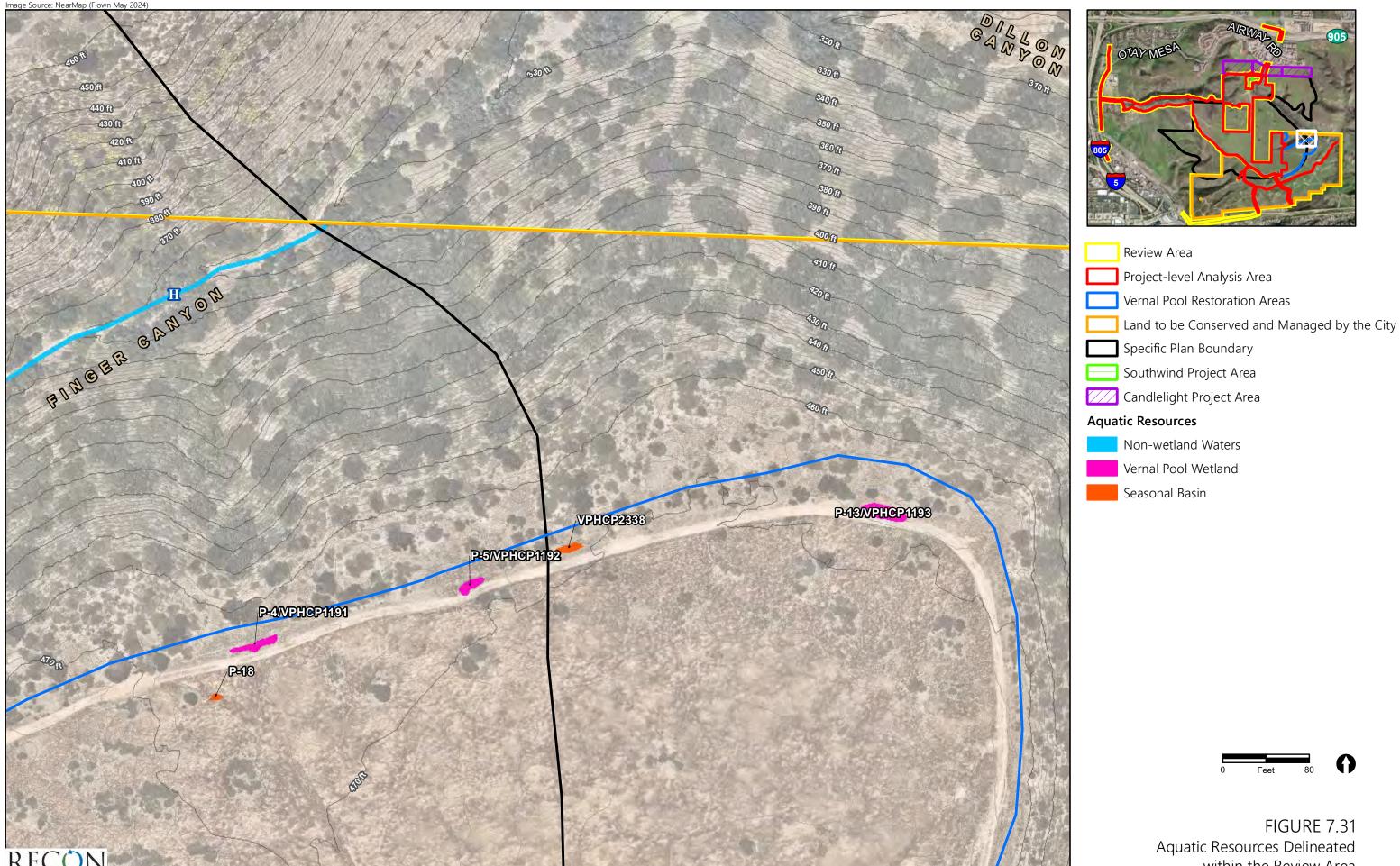


FIGURE 7.28 Aquatic Resources Delineated within the Review Area

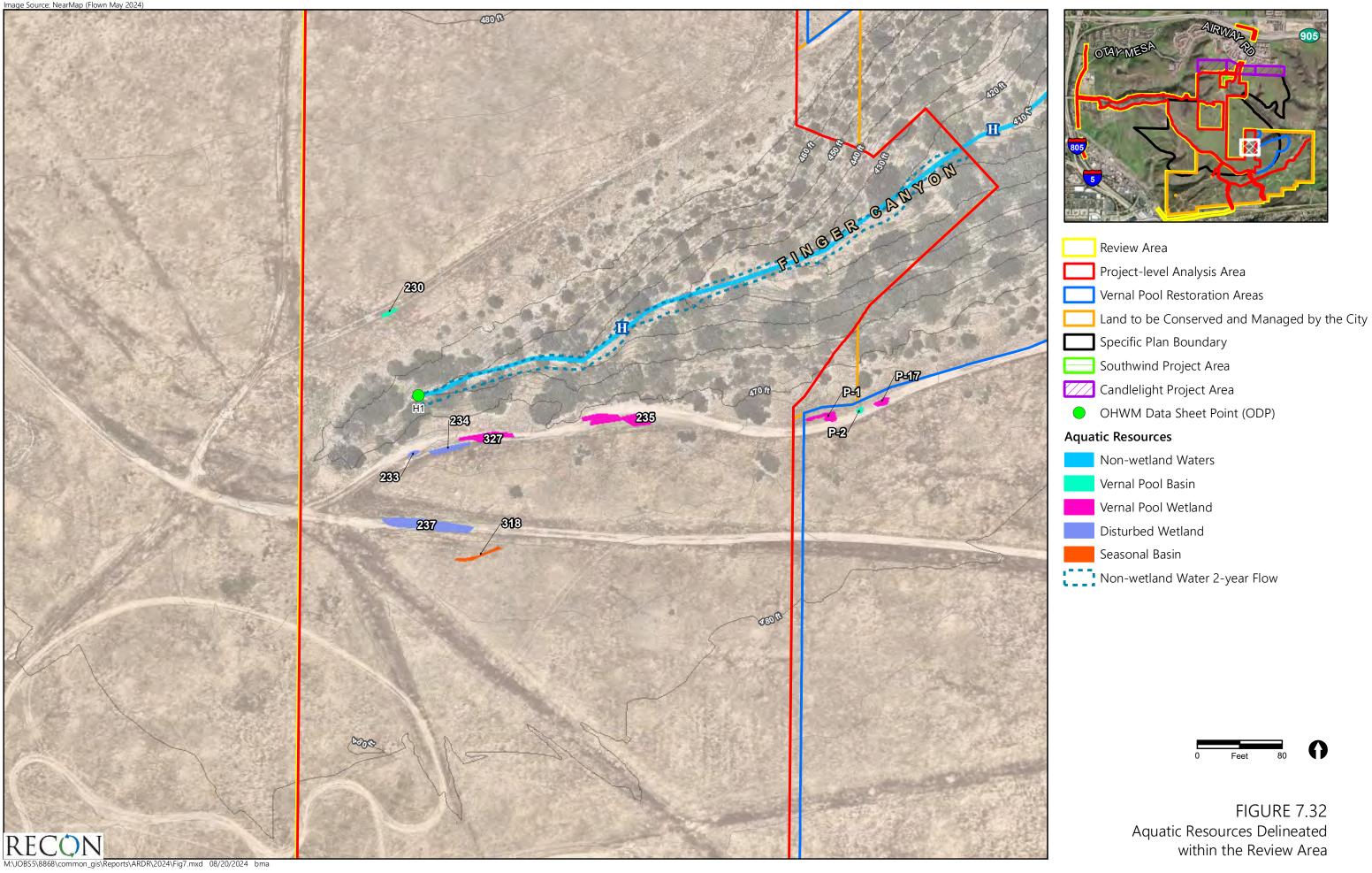




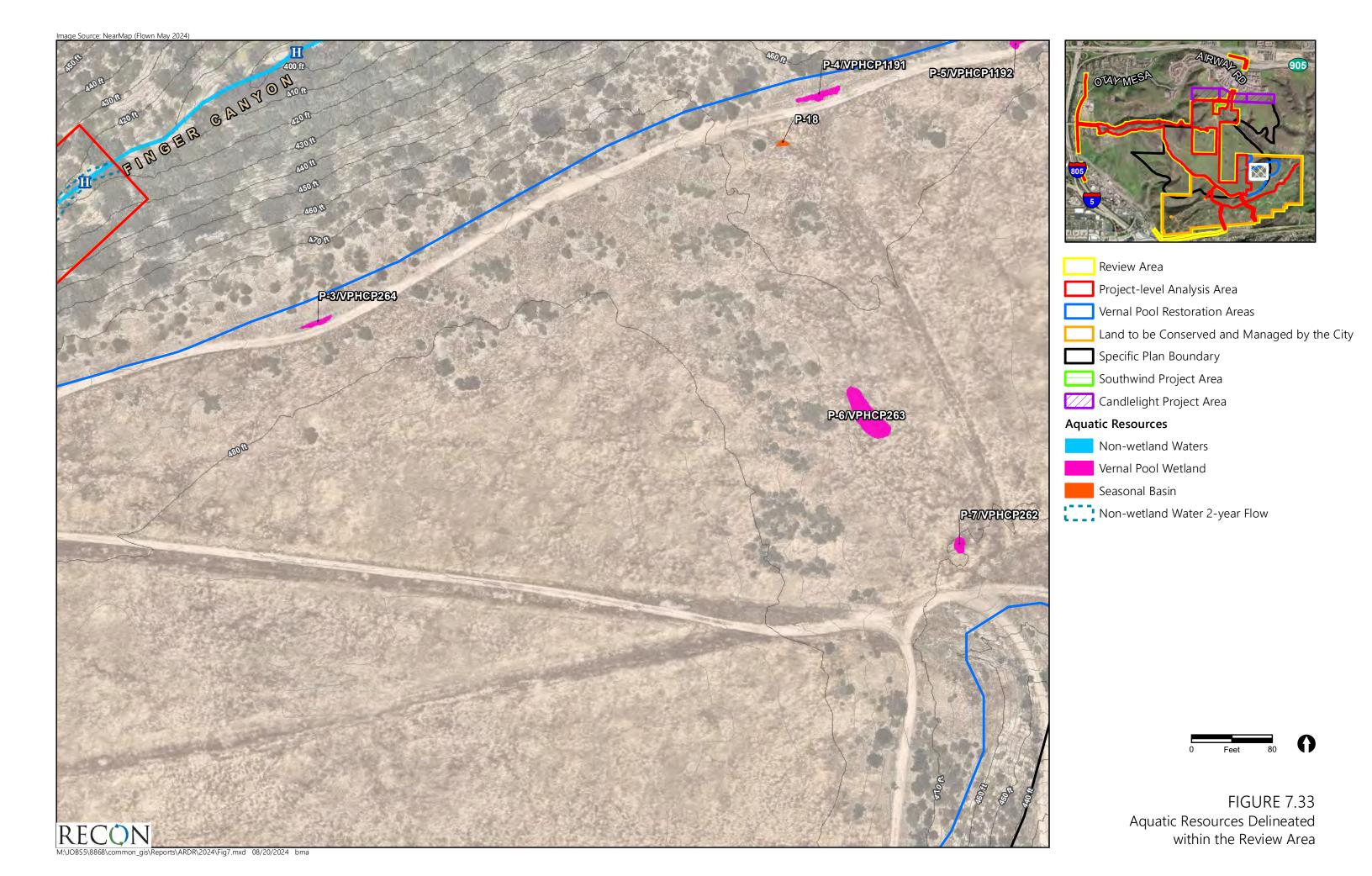
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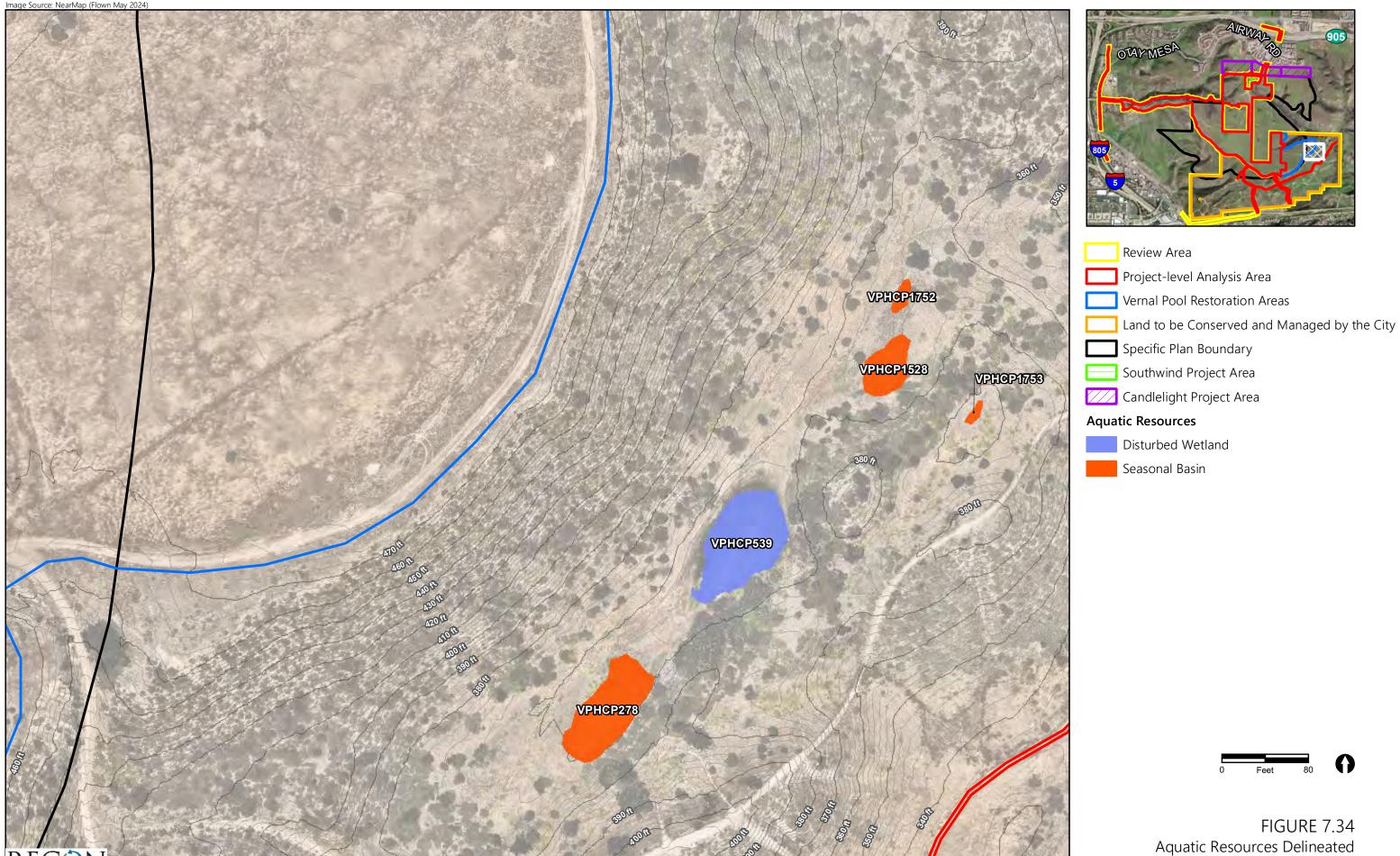


within the Review Area

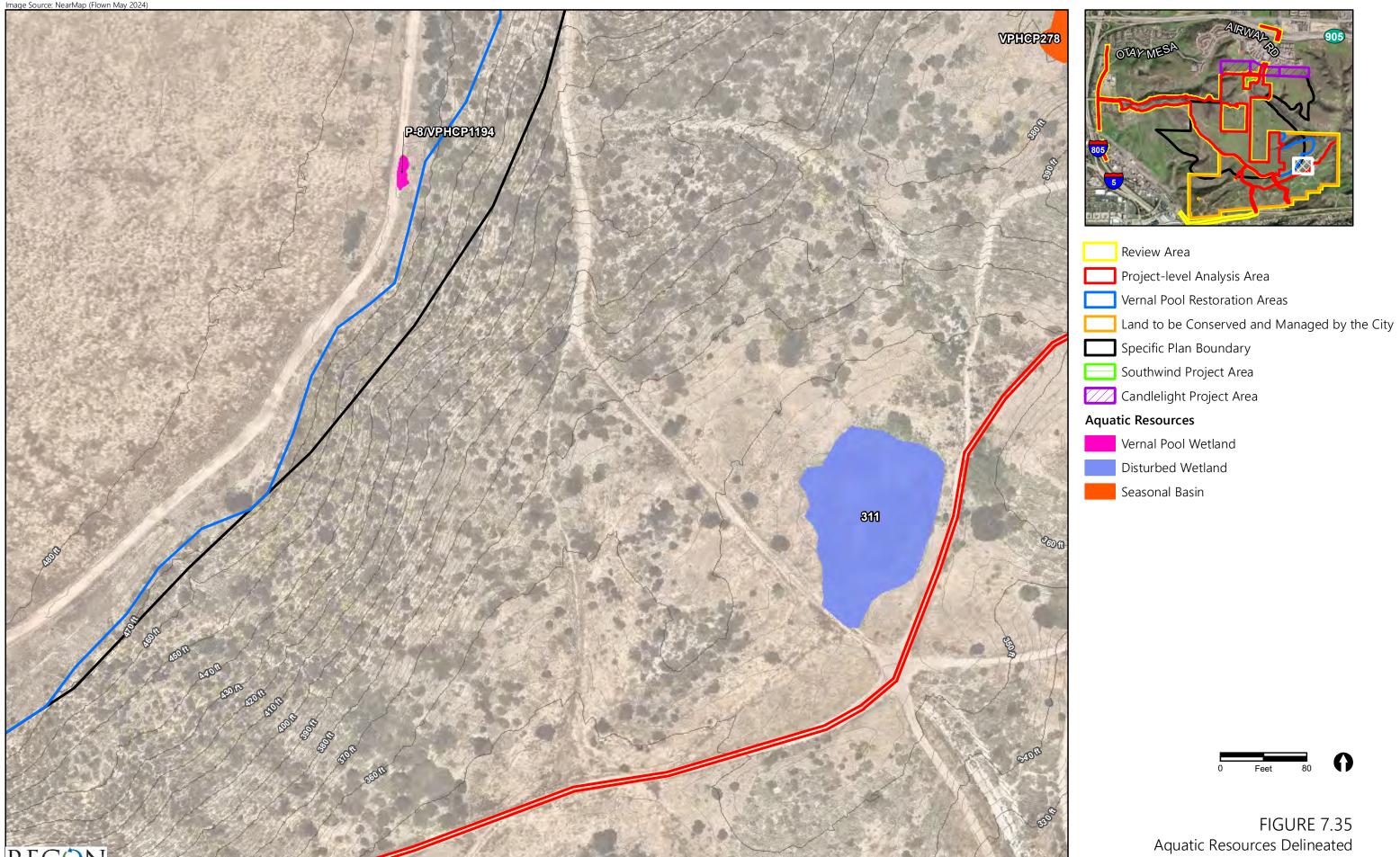


within the Review Area

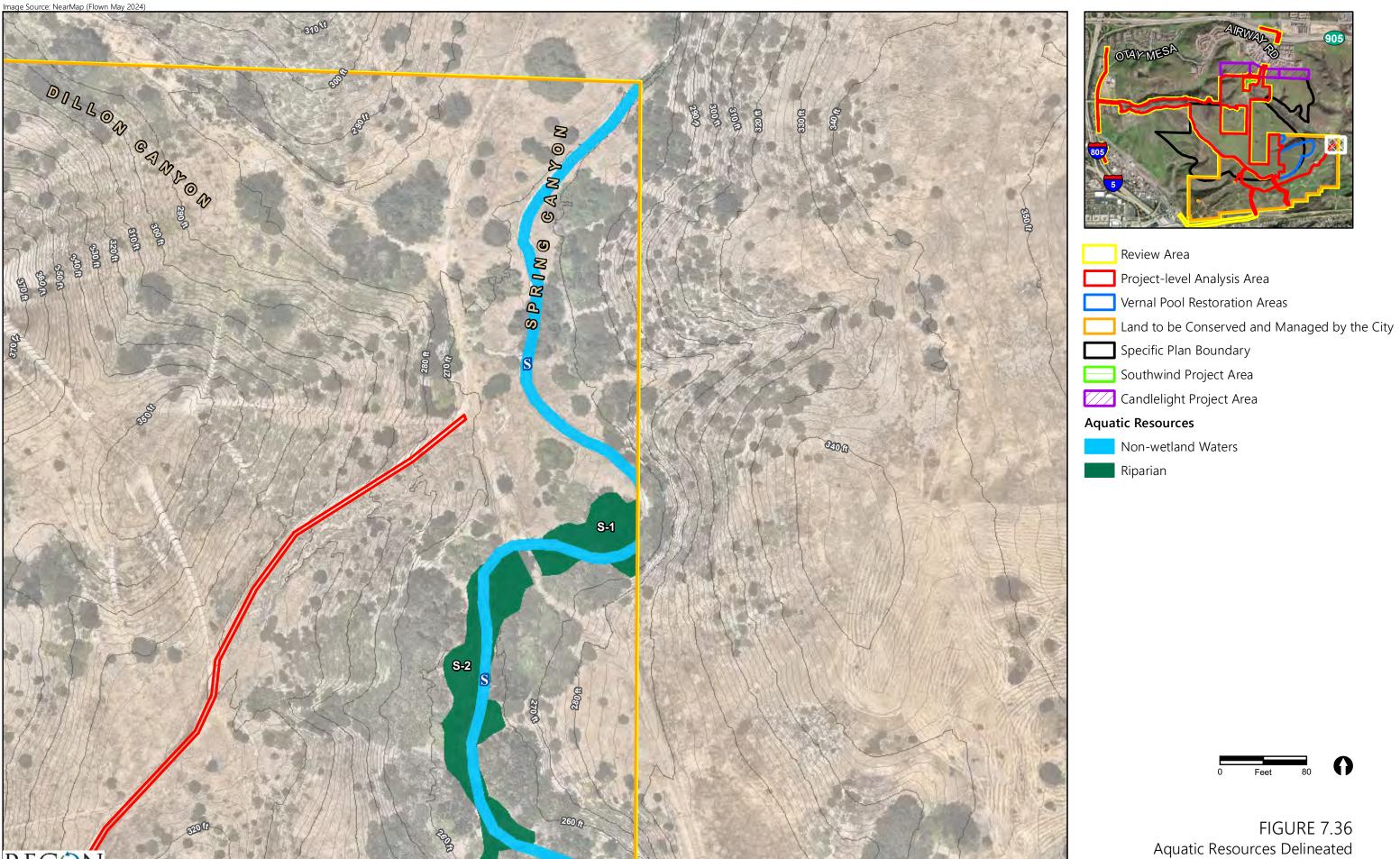




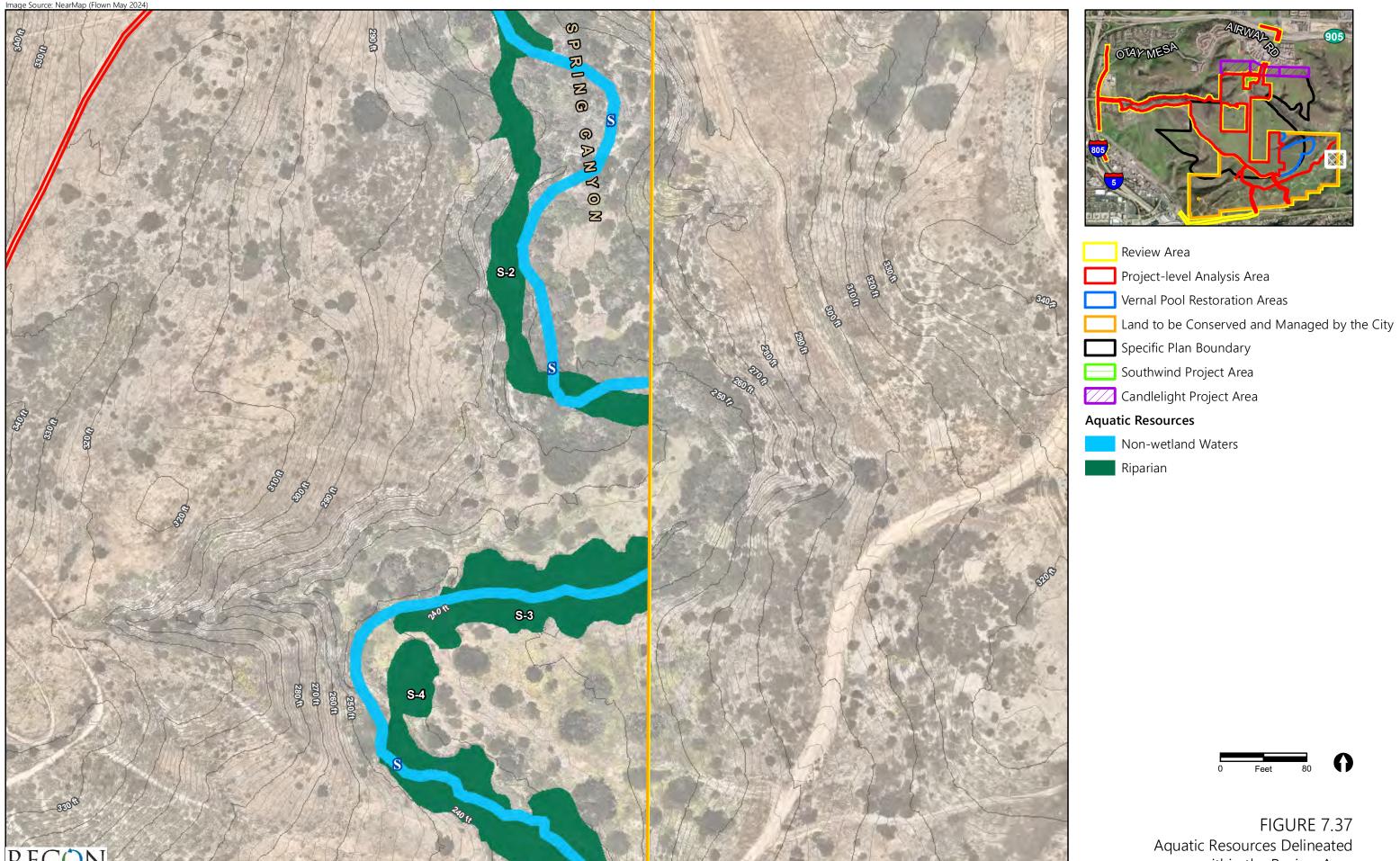
within the Review Area



within the Review Area



within the Review Area



within the Review Area

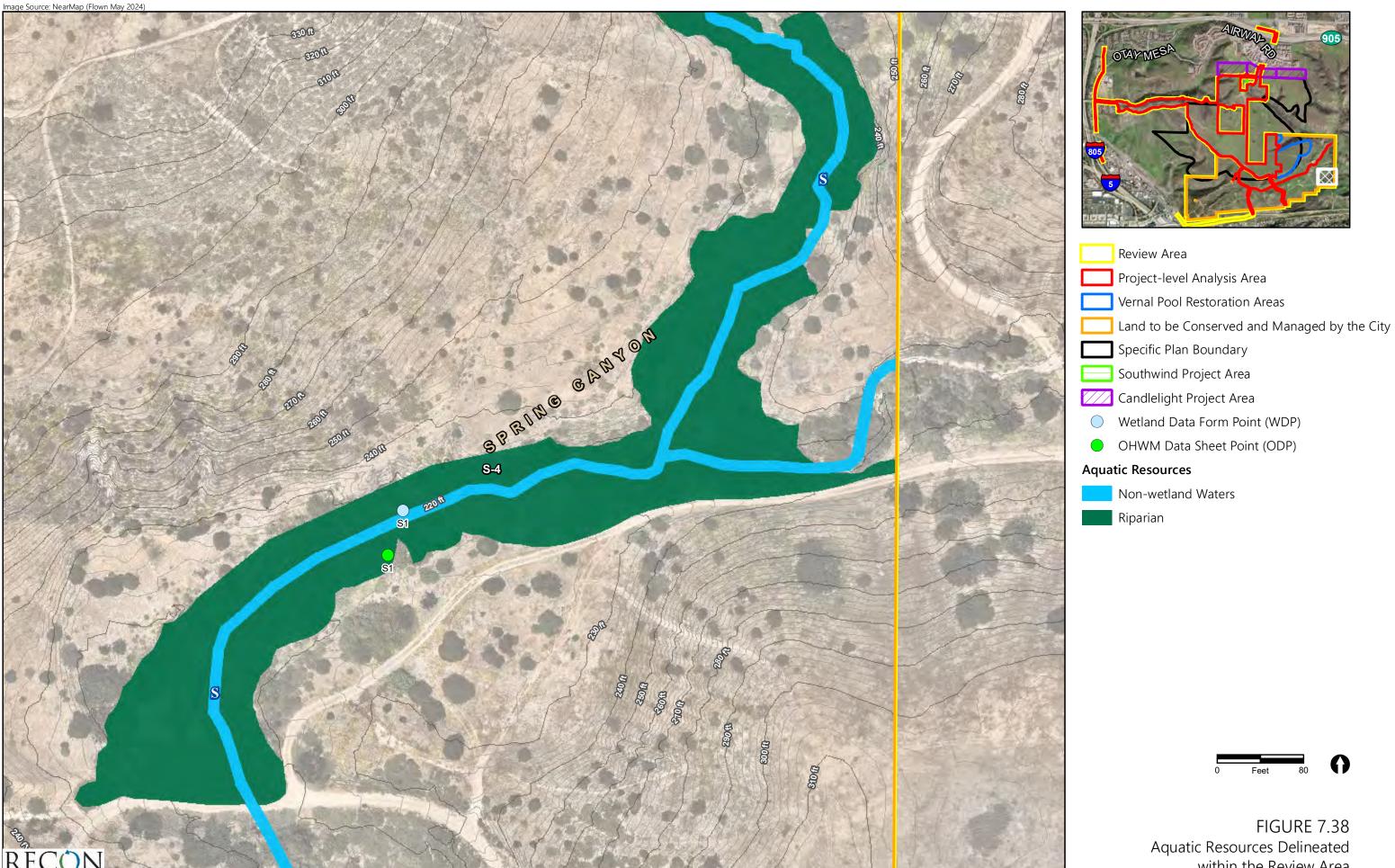


FIGURE 7.38 Aquatic Resources Delineated within the Review Area

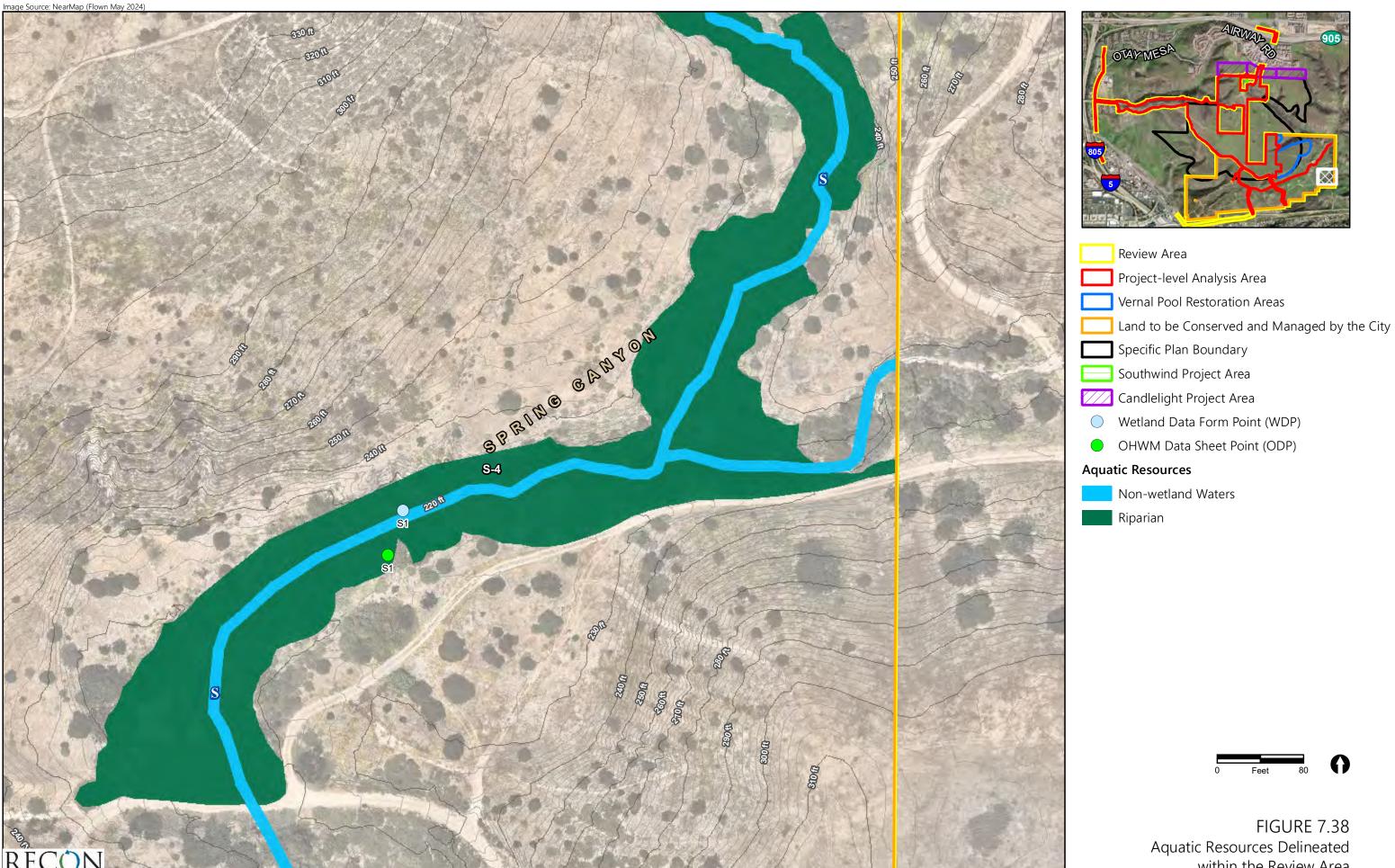


FIGURE 7.38 Aquatic Resources Delineated within the Review Area



ATTACHMENT 2

Tables

			Table 1			
		Assessor's Par	cel Numbers within	the Review Area		
6380706800	6450731300	6450810416	6450810446	6450810476	6450810613	6450810642
6380707100	6450731400	6450810417	6450810447	6450810477	6450810614	6450810643
6380707400	6450740200	6450810418	6450810448	6450810478	6450810615	6450810644
6450603200	6450740300	6450810419	6450810449	6450810479	6450810616	6450810645
6450603400	6450740400	6450810420	6450810450	6450810480	6450810617	6450810646
6450603500	6450740500	6450810421	6450810451	6450810482	6450810618	6450810647
6450610200	6450742200	6450810422	6450810452	6450810483	6450810619	6450810648
6450610400	6450742300	6450810423	6450810453	6450810484	6450810620	6450810649
6450610500	6450742400	6450810424	6450810454	6450810485	6450810621	6450810650
6450610600	6450742500	6450810425	6450810455	6450810486	6450810622	6450810651
6450610700	6450742600	6450810426	6450810456	6450810487	6450810623	6450810652
6450610800	6450750100	6450810427	6450810457	6450810488	6450810624	6450810653
6450610900	6450750200	6450810428	6450810458	6450810489	6450810624	6450810654
6450611000	6450750300	6450810429	6450810459	6450810490	6450810625	6450810655
6450710100	6450750400	6450810430	6450810460	6450810491	6450810626	6450811600
6450710200	6450810401	6450810431	6450810461	6450810492	6450810627	6670100600
6450710300	6450810402	6450810432	6450810462	6450810493	6450810628	6670101400
6450710400	6450810403	6450810433	6450810463	6450810494	6450810629	6670101500
6450710500	6450810404	6450810434	6450810464	6450810601	6450810630	6670101900
6450710600	6450810405	6450810435	6450810465	6450810602	6450810631	6670102000
6450710700	6450810406	6450810436	6450810466	6450810603	6450810632	6670102100
6450711400	6450810407	6450810437	6450810467	6450810604	6450810633	6670103000
6450720100	6450810408	6450810438	6450810468	6450810605	6450810634	6670103400
6450721400	6450810409	6450810439	6450810469	6450810606	6450810635	6670401300
6450730100	6450810410	6450810440	6450810470	6450810607	6450810636	
6450730800	6450810411	6450810441	6450810471	6450810608	6450810637	
6450730900	6450810412	6450810442	6450810472	6450810609	6450810638	
6450731000	6450810413	6450810443	6450810473	6450810610	6450810639	
6450731100	6450810414	6450810444	6450810474	6450810611	6450810640	
6450731200	6450810415	6450810445	6450810475	6450810612	6450810641	

Table 2 Vegetation Communities/Land Cover Types (acres)										
Community or Type	Area within Review Area									
(Holland [1986] Code as modified by Oberbauer [2008])	(acres)									
Maritime Succulent Scrub	175.50									
Disturbed Maritime Succulent Scrub	61.72									
Valley Needlegrass Grassland	0.12									
Diegan Coastal Sage Scrub	77.08									
Disturbed Coastal Sage Scrub	14.21									
Non-native Grassland	163.63									
Non-vegetated Channel	1.74									
Mule Fat Scrub	3.34									
Southern Willow Scrub	0.61									
Tamarisk Scrub	0.56									
Disturbed Riparian Scrub	0.12									
Disturbed Wetland	1.21									
San Diego Mesa Claypan Vernal Pool	1.96									
Eucalyptus Woodland	0.13									
Disturbed Land	39.45									
Urban/Developed	7.68									
TOTAL	549.07									

	Table 3	
	Survey Dates, Times, and Weather Conditions	
Date	Survey Type	Surveyors
3/4/2018	Wetland Delineation – ponding areas	B. Procsal; J. Sundberg
3/6/2018	Wetland Delineation – ponding areas	B. Procsal; J. Sundberg
3/15/2018	Wetland Delineation – drainages	B. Procsal; J. Sundberg
3/19/2018	Wetland Delineation – ponding areas	B. Procsal; J. Sundberg
3/26/2018	Wetland Delineation – ponding areas	B. Procsal; J. Sundberg
3/29/2018	Wetland Delineation – ponding areas	B. Procsal; J. Sundberg
4/4/2018	Wetland Delineation – ponding areas	B. Procsal; J. Sundberg
4/6/2018	Wetland Delineation – ponding areas	B. Procsal; J. Sundberg
3/29/2019	Wetland Delineation – ponding areas	B. Procsal; J. McBee
4/11/2019	Wetland Delineation – ponding areas	B. Procsal; J. Sundberg
4/23/2019	Wetland Delineation – ponding areas	B. Procsal; J. McBee
12/9/2019	Wetland Delineation – drainages	B. Procsal; J. Sundberg
12/13/2019	Wetland Delineation – drainages	B. Procsal; J. Sundberg
1/14/2020	Wetland Delineation – drainages	B. Procsal; G. Scheid
2/13/2020	Wetland Delineation – drainages	J. Sundberg
2/27/2020	Wetland Delineation – ponding areas	B. Procsal; R. Atik
3/3/2020	Wetland Delineation – ponding areas	B. Procsal; J. Sundberg;
		A. Smisek; K. Chappaz
3/26/2020	Wetland Delineation – ponding areas	J. Sundberg; R. Atik
4/14/2020	Wetland Delineation – ponding areas & drainages	B. Procsal; A. Leavitt
6/24/2020	Wetland Delineation – ponding areas	B. Procsal; G. Scheid
7/13/2020	Wetland Delineation – ponding areas	G. Scheid
3/17/2021	Wetland Delineation – ponding areas & drainages	B. Procsal; G. Scheid
4/12/2021	Wetland Delineation – ponding areas	B. Procsal; A. Smisek
4/19/2021	Wetland Delineation – ponding areas	B. Procsal, J. Mercado
8/18/2021	Stream Duration Assessment Method forms	B. Procsal; G. Scheid
8/20/2021	Stream Duration Assessment Method forms	B. Procsal; G. Scheid
2/9/2022	Wetland Delineation – drainages and vernal pools	B. Procsal; A. Smisek
5/5/2023	Wetland Delineation – soil pits and paired sample points for ponding areas	A. Smisek; C. Polevy;
, -,	a construction production in the construction	C. Thomson; J. Sundberg

	Table 3 Survey Dates, Times, and Weather Conditions											
Date	Survey Type	Surveyors										
5/8/2023	Wetland Delineation – soil pits and paired sample points for ponding areas	A. Smisek; C. Polevy;										
		C. Thomson; J. Sundberg										
6/16/2023	Wetland Delineation – soil pits and paired sample points for ponding areas	A. Smisek; C. Polevy;										
		C. Thomson; J. Sundberg										
6/20/2023	Wetland Delineation – soil pits and paired sample points for ponding areas	A. Smisek; C. Polevy;										
		C. Thomson; J. Sundberg										
6/21/2023	Wetland Delineation – soil pits and paired sample points for ponding areas	A. Smisek; C. Polevy;										
		C. Thomson; J. Sundberg										
6/27/2023	Wetland Delineation – soil pits and paired sample points for ponding areas	A. Smisek; C. Polevy;										
		C. Thomson; J. Sundberg										
7/5/2023	Wetland Delineation – soil pits and paired sample points for ponding areas	A. Smisek; C. Polevy;										
		C. Thomson; J. Sundberg										
8/8/2023	Wetland Delineation – paired sample points for ponding areas	A. Smisek; D. Gadia										
8/17/2023	Wetland Delineation – paired sample points for ponding areas	A. Smisek; D. Gadia										
1/17/2024	Wetland Delineation – new project areas and verification	A. Smisek; J. Sunberg										

	Table 4 List of Aquatic Resources												
Waters ID	Cowardin Code	HGM Code	Area (sq. ft.)	Linear Feet	Waters Type	Latitude (dd NAD83)	Longitude (dd NAD83)	Local Waterway	Dominant Vegetation				
А	R	Riverine	700	704	NRPW	32.56101	-117.0223	Ephemeral Drainage	Parietaria hespera, Claytonia perfoliata, Bromus diandrus, Amsinckia sp.				
В	R	Riverine	1,963	1,406	NRPW	32.55877	-117.02245	Ephemeral Drainage	Rhus integrifolia, Hirschfeldia incana, Bromus madritensis rubens				
B(b)	R	Riverine	1,615	698	NRPW	32.55995	-117.02047	Ephemeral Drainage	Rhus integrifolia, Bromus madritensis rubens, Artemisia californica				
С	R	Riverine	1,050	470	NRPW	32.56156	-117.01735	Ephemeral Drainage	unvegetated				
D	R	Riverine	498	394	NRPW	32.55792	-117.02454	Ephemeral Drainage	Artemisia californica, Bromus madritensis rubens, Hirschfeldia incana				
Е	R	Riverine	1,710	701	NRPW	32.55695	-117.02386	Ephemeral Drainage	Artemisia californica, Rhus integrifolia, Peritoma arborea				
F	R	Riverine	430	286	NRPW	32.55945	-117.01807	Ephemeral Drainage	Hordeum murinum				
G	R	Riverine	7,004	1,139	NRPW	32.55935	-117.01771	Ephemeral Drainage	Baccharis salicifolia				
G-1	RP	Riverine	260	39	Riparian	32.55947	-117.01785	Ephemeral Drainage	Baccharis salicifolia				
G-2	RP	Riverine	159	28	Riparian	32.55934	-117.01776	Ephemeral Drainage	Salix lasiolepis, Baccharis salicifolia				
G-3	RP	Riverine	90	26	Riparian	32.55917	-117.01745	Ephemeral Drainage	Salix lasiolepis, Baccharis salicifolia				
G(b)	R	Riverine	131	87	NRPW	32.55947	-117.01804	Ephemeral Drainage	Salix lasiolepis, Baccharis salicifolia, Baccharis sarothroides				
Н	R	Riverine	5,199	1,483	NRPW	32.55224	-117.01529	Ephemeral Drainage	Bromus diandrus				
H(b)	R	Riverine	673	337	NRPW	32.55397	-117.01307	Ephemeral Drainage	Bromus diandrus				
I	R	Riverine	731	86	NRPW	32.55168	-117.02439	Ephemeral Drainage	unvegetated				
K	R	Riverine	653	333	NRPW	32.55452	-117.02608	Ephemeral Drainage	Bromus rubens				

	Table 4 List of Aquatic Resources												
Waters ID	Cowardin Code	HGM Code	Area (sq. ft.)	Linear Feet	Waters Type	Latitude (dd NAD83)	Longitude (dd NAD83)	Local Waterway	Dominant Vegetation				
K(b)	R	Riverine	79	40	NRPW	32.55456	-117.02614	Ephemeral Drainage	Bromus rubens				
М	R	Riverine	3,337	970	NRPW	32.55126	-117.01965	Ephemeral Drainage	Bromus rubens				
N	R	Riverine	10,017	2,046	NRPW	32.54955	-117.02182	Ephemeral Drainage	unvegetated				
0	R	Riverine	2,179	720	NRPW	32.55788	-117.03729	Ephemeral Drainage	Baccharis salicifolia				
0-1	RP	Riverine	2,482	70	Riparian	32.55785	-117.03722	Ephemeral Drainage	Baccharis salicifolia				
0-2	RP	Riverine	2,407	60	Riparian	32.55777	-117.03693	Ephemeral Drainage	Baccharis salicifolia				
O-3	RP	Riverine	10,524	253	Riparian	32.55772	-117.0364	Ephemeral Drainage	Baccharis salicifolia				
Р	R	Riverine	125	105	NRPW	32.55837	-117.02917	Ephemeral Drainage	unvegetated				
Q	R	Riverine	149	125	NRPW	32.55883	-117.02801	Ephemeral Drainage	unvegetated				
S	R	Riverine	33,962	3,475	NRPW	32.54894	-117.00706	Ephemeral Drainage	Baccharis salicifolia				
S-1	RP	Riverine	6,481	117	Riparian	32.55284	-117.0057	Ephemeral Drainage	Tamarix rammosissima, Baccharis salicifolia				
S-2	RP	Riverine	100,999	696	Riparian	32.55192	-117.00595	Ephemeral Drainage	Tamarix rammosissima, Baccharis salicifolia				
S-3	RP	Riverine	11,853	242	Riparian	32.55072	-117.0059	Ephemeral Drainage	Tamarix rammosissima, Baccharis salicifolia				
S-4	RP	Riverine	97,609	1,333	Riparian	32.54914	-117.00669	Ephemeral Drainage	Tamarix rammosissima, Baccharis salicifolia				
Т	R	Riverine	1,452	725	NRPW	32.54556	-117.01527	Ephemeral Drainage	unvegetated				
2	Р	Depress	165	40	Isolate	32.55942	-117.02221	Depression	Psilocarphus brevissimus, Deinandra fasciculata, Crassula connata				
4	Р	Depress	41	11	Isolate	32.55936	-117.01909	Depression	Plagiobothrys acanthocarpus, Hordeum murinum				

	Table 4 List of Aquatic Resources												
Maters ID	Cowardin Code	HGM	Area	Linear	Waters	Latitude	Longitude	Local	Dominant Vacatation				
Waters ID 5	P	Code Depress	(sq. ft.) 34	Feet 8	Type Isolate	(dd NAD83) 32.55943	(dd NAD83) -117.01912	Waterway Depression	Dominant Vegetation Plagiobothrys acanthocarpus, Psilocarphus brevissimus, Hordeum murinum				
6	Р	Depress	67	8	Isolate	32.55948	-117.01914	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Hordeum murinum				
7	Р	Depress	21	6	Isolate	32.55947	-117.01903	Depression	Psilocarphus brevissimus, Spergularia bocconi, Hordeum murinum				
9	Р	Depress	30	9	Isolate	32.55922	-117.01905	Depression	Hordeum murinum, Spergularia bocconi, Plagiobothrys acanthocarpus				
10	Р	Depress	94	16	Isolate	32.55905	-117.01913	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Bromus hordeaceus				
11	Р	Depress	39	11	Isolate	32.55897	-117.01904	Depression	Hordeum murinum, Psilocarphus brevissimus, Plagiobothrys acanthocarpus				
12	Р	Depress	105	18	Isolate	32.55893	-117.01909	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Hordeum marinum				
13	Р	Depress	26	8	Isolate	32.55893	-117.01911	Depression	Psilocarphus brevissimus, Hordeum murinum, Plagiobothrys acanthocarpus				
14	Р	Depress	38	8	Isolate	32.55893	-117.01914	Depression	Psilocarphus brevissimus, Plantago elongata, Spergularia bocconi				
15	Р	Depress	269	31	Isolate	32.55887	-117.01913	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Matricaria discoidea				
16	Р	Depress	114	22	Isolate	32.55886	-117.01907	Depression	Psilocarphus brevissimus, Matricaria discoidea, Plantago elongata				
17	Р	Depress	120	24	Isolate	32.55891	-117.01916	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Matricaria discoidea				
18	Р	Depress	32	8	Isolate	32.55891	-117.0192	Depression	Hordeum murinum, Plagiobothrys acanthocarpus, Psilocarphus brevissimus				
19	Р	Depress	129	22	Isolate	32.55896	-117.01924	Depression	Psilocarphus brevissimus, Hordeum murinum, Festuca perennis				
20	Р	Depress	69	14	Isolate	32.55891	-117.01926	Depression	Psilocarphus brevissimus, Plantago elongata, Hordeum murinum				
21	Р	Depress	766	42	Isolate	32.55899	-117.0193	Depression	Plagiobothrys acanthocarpus, Psilocarphus brevissimus, Hordeum murinum				
22	Р	Depress	1,056	32	Isolate	32.55882	-117.02007	Depression	Crassula aquatica, Spergularia bocconi, Plagiobothrys acanthocarpus				

	Table 4 List of Aquatic Resources												
Waters ID	Cowardin Code	HGM Code	Area (sq. ft.)	Linear Feet	Waters Type	Latitude (dd NAD83)	Longitude (dd NAD83)	Local Waterway	Dominant Vegetation				
23	Р	Depress	77	11	Isolate	32.55899	-117.01867	Depression	Spergularia bocconi, Hordeum murinum, Plagiobothrys acanthocarpus				
24	Р	Depress	31	10	Isolate	32.55896	-117.0187	Depression	Anagallis arvensis, Plantago elongata, Hordeum murinum				
25	Р	Depress	39	11	Isolate	32.5589	-117.01871	Depression	Lythrum hyssopifolia, Hordeum murinum, Plagiobothrys acanthocarpus				
26	Р	Depress	334	78	Isolate	32.55876	-117.01867	Depression	Lythrum hyssopifolia, Plagiobothrys acanthocarpus, Hordeum murinum				
27	Р	Depress	31	10	Isolate	32.55883	-117.01876	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Plantago elongata				
28	Р	Depress	22	6	Isolate	32.55877	-117.01871	Depression	Plantago elongata, Plagiobothrys acanthocarpus, Psilocarphus brevissimus				
29	Р	Depress	53	21	Isolate	32.55861	-117.01877	Depression	Hordeum murinum, Erodium botrys, Plagiobothrys acanthocarpus				
30	Р	Depress	32	22	Isolate	32.55863	-117.01879	Depression	Lepidium nitidum, Plagiobothrys acanthocarpus, Bromus hordeaceus				
31	Р	Depress	24	7	Isolate	32.55862	-117.01889	Depression	Psilocarphus brevissimus, Lythrum hyssopifolia, Spergularia bocconi				
32	Р	Depress	39	9	Isolate	32.55859	-117.01888	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Deinandra fasciculata				
33	Р	Depress	68	15	Isolate	32.55855	-117.01886	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Hordeum murinum				
34	Р	Depress	49	13	Isolate	32.55869	-117.01897	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Hordeum murinum				
35	Р	Depress	43	10	Isolate	32.55821	-117.0186	Depression	Psilocarphus brevissimus, Spergularia bocconi, Lythrum hyssopifolia				
36	Р	Depress	44	12	Isolate	32.55825	-117.01859	Depression	Hordeum murinum, Spergularia bocconi				
37	Р	Depress	22	6	Isolate	32.55829	-117.01858	Depression	Chrysanthemum coronarium, Hordeum murinum, Spergularia bocconi				
38	Р	Depress	20	80	Isolate	32.55838	-117.01857	Depression	Mesembryanthemum nodiflorum, Hordeum murinum				
39	Р	Depress	10	37	Isolate	32.55842	-117.01859	Depression	Hordeum murinum, Salsola tragus, Bromus madritensis				

	Table 4 List of Aquatic Resources												
Waters ID	Cowardin Code	HGM Code	Area (sq. ft.)	Linear Feet	Waters Type	Latitude (dd NAD83)	Longitude (dd NAD83)	Local Waterway	Dominant Vegetation				
40	Р	Depress	20	6	Isolate	32.55818	-117.01861	Depression	Spergularia bocconi, Erodium botrys, Hordeum murinum				
41	Р	Depress	10	4	Isolate	32.55816	-117.01862	Depression	Spergularia bocconi				
42	Р	Depress	41	12	Isolate	32.55809	-117.0186	Depression	Hordeum murinum, Mesembryanthemum nodiflorum, Spergularia bocconi				
43	Р	Depress	45	18	Isolate	32.55796	-117.01857	Depression	Festuca perennis, Hordeum murinum, Psilocarphus brevissimus				
44	Р	Depress	172	59	Isolate	32.55791	-117.01862	Depression	Festuca perennis, Hordeum murinum, Lythrum hyssopifolia				
45	Р	Depress	101	32	Isolate	32.55797	-117.01864	Depression	Lythrum hyssopifolia, Festuca perennis, Bromus hordeaceus				
46	Р	Depress	41	15	Isolate	32.55789	-117.01857	Depression	Hordeum murinum, Spergularia bocconi, Plagiobothrys acanthocarpus				
47	Р	Depress	76	23	Isolate	32.55807	-117.01875	Depression	Bromus hordeaceus, Psilocarphus brevissimus, Plagiobothrys acanthocarpus				
48	Р	Depress	18	8	Isolate	32.55803	-117.01879	Depression	Plagiobothrys acanthocarpus, Spergularia bocconi, Hordeum murinum				
49	Р	Depress	280	38	Isolate	32.55467	-117.02501	Depression	Plagiobothrys acanthocarpus, Psilocarphus brevissimus, Spergularia bocconi				
50	Р	Depress	66	18	Isolate	32.55596	-117.02615	Depression	Chrysanthemum coronarium, Mesembryanthemum nodiflorum				
51	Р	Depress	22	7	Isolate	32.55599	-117.02616	Depression	Chrysanthemum coronarium				
52	Р	Depress	127	32	Isolate	32.55602	-117.02622	Depression	Chrysanthemum coronarium, Lepidium nitidum, Psilocarphus brevissimus				
53	Р	Depress	15	6	Isolate	32.55643	-117.02687	Depression	Chrysanthemum coronarium, Mesembryanthemum nodiflorum				
54	Р	Depress	348	20	Isolate	32.55517	-117.02487	Depression	Psilocarphus brevissimus, Lilaea scilloides, Rumex crispus				
55	Р	Depress	75	23	Isolate	32.55513	-117.02487	Depression	Plagiobothrys acanthocarpus, Rumex crispus, Lepidium nitidum				
56	Р	Depress	173	28	Isolate	32.55506	-117.02481	Depression	Rumex crispus, Lilaea scilloides, Spergularia bocconi				
57	Р	Depress	51	9	Isolate	32.55506	-117.02487	Depression	Rumex crispus, Psilocarphus brevissimus, Spergularia bocconi				

	Table 4 List of Aquatic Resources												
Waters ID	Cowardin Code	HGM Code	Area (sq. ft.)	Linear Feet	Waters Type	Latitude (dd NAD83)	Longitude (dd NAD83)	Local Waterway	Dominant Vegetation				
58	Р	Depress	274	25	Isolate	32.55526	-117.02482	Depression	Rumex crispus, Psilocarphus brevissimus, Lythrum hyssopifolia				
59	Р	Depress	23	9	Isolate	32.55491	-117.02434	Depression	Hordeum murinum, Plagiobothrys acanthocarpus, Mesembryanthemum nodiflorum				
60	Р	Depress	33	9	Isolate	32.55488	-117.02417	Depression	Hordeum murinum, Festuca perennis, Erodium botrys				
61	Р	Depress	49	5	Isolate	32.55487	-117.02413	Depression	Hordeum murinum, Plagiobothrys acanthocarpus, Lepidium nitidum				
64	Р	Depress	12	5	Isolate	32.55483	-117.02407	Depression	Hordeum murinum, Mesembryanthemum nodiflorum				
65	Р	Depress	23	10	Isolate	32.55483	-117.02403	Depression	Hordeum murinum, Mesembryanthemum nodiflorum				
66	Р	Depress	233	52	Isolate	32.55481	-117.02404	Depression	Lythrum hyssopifolia, Spergularia bocconi, Plagiobothrys acanthocarpus				
67	Р	Depress	202	41	Isolate	32.55477	-117.02391	Depression	Plagiobothrys acanthocarpus, Spergularia bocconi, Hordeum murinum				
68	Р	Depress	57	12	Isolate	32.55468	-117.02359	Depression	Hordeum murinum, Plagiobothrys acanthocarpus, Lepidium latipes				
69	Р	Depress	28	10	Isolate	32.55461	-117.02337	Depression	Plagiobothrys acanthocarpus, Lepidium latipes, Hordeum murinum				
70	Р	Depress	48	12	Isolate	32.55455	-117.02327	Depression	Plagiobothrys acanthocarpus, Spergularia bocconi, Lepidium latipes				
71	Р	Depress	34	8	Isolate	32.55452	-117.02311	Depression	Hordeum murinum, Spergularia bocconi, Plagiobothrys acanthocarpus				
72	Р	Depress	48	10	Isolate	32.55445	-117.0229	Depression	Psilocarphus brevissimus, Hordeum murinum, Spergularia bocconi				
73	Р	Depress	30	7	Isolate	32.55445	-117.02284	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Hordeum murinum				
74	Р	Depress	25	6	Isolate	32.55443	-117.02281	Depression	Spergularia bocconi, Plagiobothrys acanthocarpus, Psilocarphus brevissimus				
75	Р	Depress	29	10	Isolate	32.5549	-117.02284	Depression	Plagiobothrys acanthocarpus, Festuca perennis, Erodium botrys				

	Table 4 List of Aquatic Resources												
Waters ID	Cowardin Code	HGM Code	Area (sq. ft.)	Linear Feet	Waters Type	Latitude (dd NAD83)	Longitude (dd NAD83)	Local Waterway	Dominant Vegetation				
76	Р	Depress	39	9	Isolate	32.55521	-117.0234	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Festuca perennis				
77	Р	Depress	24	7	Isolate	32.55901	-117.01894	Depression	Psilocarphus brevissimus, Plantago elongata, Spergularia bocconi				
78	Р	Depress	18	7	Isolate	32.55884	-117.01887	Depression	Spergularia bocconi, Plagiobothrys acanthocarpus, Psilocarphus brevissimus				
79	Р	Depress	65	12	Isolate	32.55849	-117.01889	Depression	Spergularia bocconi, Plagiobothrys acanthocarpus, Psilocarphus brevissimus				
80	Р	Depress	63	14	Isolate	32.55844	-117.01877	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Lythrum hyssopifolia				
81	Р	Depress	24	9	Isolate	32.55853	-117.01871	Depression	Spergularia bocconi				
82	Р	Depress	24	8	Isolate	32.55857	-117.0187	Depression	Spergularia bocconi, Mesembryanthemum nodiflorum, Salsola tragus				
83	Р	Depress	57	11	Isolate	32.55894	-117.01899	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Hordeum murinum				
84	Р	Depress	106	17	Isolate	32.5589	-117.01887	Depression	Psilocarphus brevissimus, Plantago elongata, Plagiobothrys acanthocarpus				
85	Р	Depress	57	18	Isolate	32.55852	-117.01911	Depression	Psilocarphus brevissimus, Spergularia bocconi, Plagiobothrys acanthocarpus				
86	Р	Depress	21	6	Isolate	32.55933	-117.01897	Depression	Psilocarphus brevissimus, Plantago elongata, Spergularia bocconi				
87	Р	Depress	43	13	Isolate	32.55891	-117.0188	Depression	Plantago elongata, Hordeum murinum, Spergularia bocconi				
88	Р	Depress	79	15	Isolate	32.55854	-117.01913	Depression	Psilocarphus brevissimus, Plantago elongata, Spergularia bocconi				
89	Р	Depress	412	33	Isolate	32.55839	-117.01916	Depression	Psilocarphus brevissimus, Spergularia bocconi, Plagiobothrys acanthocarpus				
90	Р	Depress	21	6	Isolate	32.55948	-117.01905	Depression	Hordeum murinum, Psilocarphus brevissimus, Bromus hordeaceus				
91	Р	Depress	20	5	Isolate	32.55943	-117.01904	Depression	Hordeum murinum, Psilocarphus brevissimus, Mesembryanthemum nodiflorum				
92	Р	Depress	16	5	Isolate	32.55938	-117.01903	Depression	Psilocarphus brevissimus, Spergularia bocconi, Schismus barbatus				

	Table 4 List of Aquatic Resources												
Waters ID	Cowardin Code	HGM Code	Area (sq. ft.)	Linear Feet	Waters Type	Latitude (dd NAD83)	Longitude (dd NAD83)	Local Waterway	Dominant Vegetation				
93	Р	Depress	33	7	Isolate	32.55938	-117.019	Depression	Schismus barbatus, Psilocarphus brevissimus, Plantago elongata				
94	Р	Depress	13	5	Isolate	32.55945	-117.01904	Depression	Hordeum murinum, Psilocarphus brevissimus, Schismus barbatus				
95	Р	Depress	4	3	Isolate	32.5593	-117.01895	Depression	Psilocarphus brevissimus, Plantago elongata,				
96	Р	Depress	103	18	Isolate	32.55925	-117.01898	Depression	Schismus barbatus, Mesembryanthemum nodiflorum				
97	Р	Depress	14	5	Isolate	32.55929	-117.01903	Depression	Hordeum murinum, Plantago elongata, Spergularia bocconi				
99	Р	Depress	103	14	Isolate	32.55922	-117.01897	Depression	No vegetation but contains San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)				
100	Р	Depress	29	5	Isolate	32.5592	-117.01899	Depression	Hordeum murinum, Spergularia bocconi, Psilocarphus brevissimus				
101	Р	Depress	70	7	Isolate	32.55891	-117.01904	Depression	Hordeum murinum, Spergularia bocconi, Plantago elongata				
102	Р	Depress	23	6	Isolate	32.55888	-117.019	Depression	Psilocarphus brevissimus, Hordeum murinum, Plantago elongata				
103	Р	Depress	87	12	Isolate	32.55867	-117.0192	Depression	Psilocarphus brevissimus, Deinandra fasciculata, Plagiobothrys acanthocarpus				
104	Р	Depress	48	9	Isolate	32.5586	-117.01913	Depression	Psilocarphus brevissimus, Spergularia bocconi, Festuca perennis				
105	Р	Depress	17	7	Isolate	32.55853	-117.01868	Depression	Matricaria discoidea, Mesembryanthemum nodiflorum				
106	Р	Depress	104	13	Isolate	32.55836	-117.01871	Depression	Psilocarphus brevissimus, Plantago elongata, Plagiobothrys acanthocarpus				
107	Р	Depress	72	13	Isolate	32.5566	-117.02716	Depression	Mesembryanthemum nodiflorum, Lepidium nitidum, Sonchus asper				
108	Р	Depress	6	3	Isolate	32.55949	-117.01899	Depression	Psilocarphus brevissimus, Hordeum murinum, Plantago elongata				
109	Р	Depress	16	5	Isolate	32.55893	-117.01896	Depression	Plantago elongata, Psilocarphus brevissimus, Plagiobothrys acanthocarpus				
110	Р	Depress	115	10	Isolate	32.55441	-117.02396	Depression	Anagallis arvensis, Spergularia bocconi, Psilocarphus brevissimus				

	Table 4 List of Aquatic Resources													
	Cowardin	HGM	Area	Linear	Waters	Latitude	Longitude	Local						
Waters ID	Code	Code	(sq. ft.)	Feet	Type	(dd NAD83)	(dd NAD83)	Waterway	Dominant Vegetation					
111	Р	Depress	214	50	Isolate	32.55444	-117.02391	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Erodium botrys					
112	Р	Depress	69	36	Isolate	32.55437	-117.02323	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Mesembryanthemum nodiflorum					
113	Р	Depress	54	12	Isolate	32.55526	-117.02469	Depression	Festuca perennis, Psilocarphus brevissimus, Plagiobothrys acanthocarpus					
114	Р	Depress	171	19	Isolate	32.55835	-117.01874	Depression	Psilocarphus brevissimus, Rumex crispus					
115	Р	Depress	73	35	Isolate	32.55441	-117.02396	Depression	Psilocarphus brevissimus, Deinandra fasciculata, Bromus hordeaceus					
116	Р	Depress	223	29	Isolate	32.55659	-117.02701	Depression	Plantago elongata, Spergularia bocconi, Erodium botrys					
117	Р	Depress	211	30	Isolate	32.55604	-117.02523	Depression	Plagiobothrys acanthocarpus, Spergularia bocconi, Deinandra fasciculata					
118	Р	Depress	79	17	Isolate	32.55523	-117.02374	Depression	No vegetation but contains San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)					
119	Р	Depress	14	5	Isolate	32.5552	-117.02337	Depression	Plagiobothrys acanthocarpus, Spergularia bocconi					
120	Р	Depress	214	24	Isolate	32.5552	-117.02315	Depression	Plagiobothrys acanthocarpus, Spergularia bocconi, Hordeum murinum					
121	Р	Depress	38	9	Isolate	32.5546	-117.02333	Depression	Plagiobothrys acanthocarpus, Plantago elongata, Spergularia bocconi					
123/ VPHCP 3150	Р	Depress	56	11	Isolate	32.55857	-117.01874	Depression	No vegetation but contains San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)					
124	Р	Depress	56	11	Isolate	32.55861	-117.01868	Depression	Plantago elongata, Lythrum hyssopifoli, Bromus hordeaceus					
125	Р	Depress	94	15	Isolate	32.55439	-117.02278	Depression	Plantago elongata, Psilocarphus brevissimus					
126	Р	Depress	68	12	Isolate	32.55439	-117.02282	Depression	Spergularia bocconi, Lepidium nitidum, Lepidium latipes					
127	Р	Depress	86	22	Isolate	32.55453	-117.02319	Depression	No vegetation but contains San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)					
130	Р	Depress	12	7	Isolate	32.55577	-117.02519	Depression	Deinandra fasciculata, Crassula aquatica, Spergularia bocconi					

	Table 4 List of Aquatic Resources													
Waters ID	Cowardin Code	HGM Code	Area (sq. ft.)	Linear Feet	Waters Type	Latitude (dd NAD83)	Longitude (dd NAD83)	Local Waterway	Dominant Vegetation					
131	Р	Depress	87	17	Isolate	32.55806	-117.01916	Depression	Spergularia bocconi, Plagiobothrys acanthocarpus, Erodium botrys					
132	Р	Depress	24	8	Isolate	32.55946	-117.01907	Depression	Hordeum murinum, Spergularia bocconi, Plagiobothrys acanthocarpus					
135	Р	Depress	16	6	Isolate	32.55944	-117.01907	Depression	Psilocarphus brevissimus Hordeum murinum, Mesembryanthemum nodiflorum					
143	Р	Depress	13	6	Isolate	32.55927	-117.01912	Depression	No vegetation but contains San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)					
149	Р	Depress	60	15	Isolate	32.55922	-117.01902	Depression	Plantago elongata, Matricaria discoidea, Spergularia bocconi					
150	Р	Depress	1,105	78	Isolate	32.55911	-117.01862	Depression	Rumex crispus, Psilocarphus brevissimus, Lythrum hyssopifolia					
151	Р	Depress	15	6	Isolate	32.55881	-117.019	Depression	Spergularia bocconi, Plagiobothrys acanthocarpus, Plantago elongata					
152	Р	Depress	23	9	Isolate	32.55868	-117.01908	Depression	Plagiobothrys acanthocarpus, Spergularia bocconi, Deinandra fasciculata					
153	Р	Depress	25	8	Isolate	32.55825	-117.01874	Depression	No vegetation but contains San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)					
154	Р	Depress	186	22	Isolate	32.55803	-117.0186	Depression	Plagiobothrys acanthocarpus, Hordeum murinum, Lepidium nitidum					
155	Р	Depress	80	15	Isolate	32.55849	-117.01857	Depression	Plantago elongata, Hordeum murinum, Glebionis coronaria					
157	Р	Depress	32	9	Isolate	32.55935	-117.01903	Depression	Hordeum murinum, Psilocarphus brevissimus, Spergularia bocconi					
158	Р	Depress	71	18	Isolate	32.55669	-117.02718	Depression	unvegetated					
160	Р	Depress	11	5	Isolate	32.558	-117.01856	Depression	No vegetation but contains San Diego fairy shrimp (<i>Branchinecta sandiegonensis</i>)					
161	Р	Depress	27	13	Isolate	32.55787	-117.01859	Depression	Festuca perennis, Hordeum murinum					
162	Р	Depress	23	8	Isolate	32.5582	-117.01872	Depression	Spergularia bocconi, Plagiobothrys acanthocarpus, Psilocarphus brevissimus					
165/ VPHCP 3153	Р	Depress	42	10	Isolate	32.55844	-117.01847	Depression	Plagiobothrys acanthocarpus, Lythrum hyssopifolia, Bromus hordeaceus					

	Table 4 List of Aquatic Resources													
Waters ID	Cowardin Code	HGM Code	Area (sq. ft.)	Linear Feet	Waters Type	Latitude (dd NAD83)	Longitude (dd NAD83)	Local Waterway	Dominant Vegetation					
166	Р	Depress	78	12	Isolate	32.55891	-117.01857	Depression	Spergularia bocconi, Plagiobothrys acanthocarpus, Plantago elongata					
167	Р	Depress	16	7	Isolate	32.55913	-117.01965	Depression	Deinandra fasciculata, Plagiobothrys acanthocarpus, Plantago elongata					
168	Р	Depress	130	18	Isolate	32.55886	-117.01947	Depression	Erodium botrys, Plagiobothrys acanthocarpus, Psilocarphus brevissimus					
169	Р	Depress	204	24	Isolate	32.55853	-117.01932	Depression	Spergularia bocconi, Plagiobothrys acanthocarpus, Matricaria discoidea					
170	Р	Depress	97	13	Isolate	32.55841	-117.01928	Depression	Psilocarphus brevissimus, Spergularia bocconi, Plagiobothrys acanthocarpus					
171	Р	Depress	43	10	Isolate	32.55866	-117.01891	Depression	Spergularia bocconi, Plantago elongata, Plagiobothrys acanthocarpus					
172/ VPHCP 3148	Р	Depress	67	17	Isolate	32.55861	-117.01883	Depression	Erodium botrys, Deinandra fasciculata, Psilocarphus brevissimus					
173	Р	Depress	58	12	Isolate	32.55824	-117.01892	Depression	Spergularia bocconi, Plagiobothrys acanthocarpus, Hordeum murinum					
174	Р	Depress	101	14	Isolate	32.55919	-117.01911	Depression	Spergularia bocconi, Plantago elongata, Plagiobothrys acanthocarpus					
176	Р	Depress	71	18	Isolate	32.55934	-117.01931	Depression	Hordeum murinum, Plagiobothrys acanthocarpus, Matricaria discoidea					
180	Р	Depress	28	8	Isolate	32.5596	-117.01993	Depression	Plagiobothrys acanthocarpus, Deinandra fasciculata, Erodium botrys					
181	Р	Depress	31	9	Isolate	32.55443	-117.02287	Depression	Plagiobothrys acanthocarpus, Hordeum murinum, Plantago elongata					
183	Р	Depress	76	17	Isolate	32.55452	-117.02323	Depression	Lepidium nitidum, Lepidium latipes, Plagiobothrys acanthocarpus					
184	Р	Depress	48	11	Isolate	32.55596	-117.02619	Depression	Plagiobothrys acanthocarpus, Deinandra fasciculata					
185	Р	Depress	20	8	Isolate	32.5558	-117.0259	Depression	Plagiobothrys acanthocarpus, Deinandra fasciculata					
186	Р	Depress	16	6	Isolate	32.5561	-117.02636	Depression	Plagiobothrys acanthocarpus, Lepidium nitidum					

	Table 4 List of Aquatic Resources													
Waters ID	Cowardin Code	HGM Code	Area (sq. ft.)	Linear Feet	Waters Type	Latitude (dd NAD83)	Longitude (dd NAD83)	Local Waterway	Dominant Vegetation					
190	Р	Depress	74	18	Isolate	32.55444	-117.02275	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Plantago elongata					
191	Р	Depress	215	32	Isolate	32.55441	-117.02272	Depression	Plagiobothrys acanthocarpus, Hordeum murinum, Spergularia bocconi					
192	Р	Depress	10	5	Isolate	32.5537	-117.02482	Depression	Plagiobothrys acanthocarpus, Deinandra fasciculata					
193	Р	Depress	276	30	Isolate	32.55339	-117.02296	Depression	Plagiobothrys acanthocarpus, Psilocarphus brevissimus, Spergularia bocconi					
194	Р	Depress	17	7	Isolate	32.55331	-117.02294	Depression	Lepidium nitidum, Erodium cicutarium, Festuca perennis, Plagiobothrys acanthocarpus					
195/ VPHCP 1225	Р	Depress	242	24	Isolate	32.55336	-117.02275	Depression	Psilocarphus brevissimus, Festuca perennis, Hordeum murinum, Plantago elongata					
196	Р	Depress	55	10	Isolate	32.55301	-117.02285	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Festuca perennis					
197	Р	Depress	677	79	Isolate	32.55225	-117.0232	Depression	Psilocarphus brevissimus, Lepidium nitidum, Deinandra fasciculata					
198	Р	Depress	48	9	Isolate	32.55204	-117.02217	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Lepidium nitidum					
199	Р	Depress	31	8	Isolate	32.55204	-117.02215	Depression	Plagiobothrys acanthocarpus, Psilocarphus brevissimus, Hordeum murinum					
200	Р	Depress	35	11	Isolate	32.55314	-117.02132	Depression	Psilocarphus brevissimus, Festuca perennis, Plagiobothrys acanthocarpus					
201	Р	Depress	163	29	Isolate	32.55333	-117.02111	Depression	Festuca perennis, Hordeum murinum, Psilocarphus brevissimus					
202	Р	Depress	299	48	Isolate	32.55236	-117.02071	Depression	Hordeum murinum, Festuca perennis, Plagiobothrys acanthocarpus					
203	Р	Depress	44	9	Isolate	32.55141	-117.01853	Depression	Festuca perennis, Hordeum murinum, Psilocarphus brevissimus					
204	Р	Depress	67	14	Isolate	32.55436	-117.01852	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus , Spergularia bocconi					
205	Р	Depress	55	13	Isolate	32.55428	-117.01845	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Hordeum murinum					

	Table 4 List of Aquatic Resources												
Wales ID	Cowardin	HGM	Area	Linear	Waters	Latitude	Longitude	Local	Descised Vendation				
Waters ID	Code	Code	(sq. ft.)	Feet	Туре	(dd NAD83)	(dd NAD83)	Waterway	Dominant Vegetation				
206	Р	Depress	170	23	Isolate	32.55044	-117.01784	Depression	Psilocarphus brevissimus, Hordeum murinum, Festuca perennis				
207	Р	Depress	93	12	Isolate	32.54995	-117.01823	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Spergularia bocconi				
208	Р	Depress	203	23	Isolate	32.54985	-117.0173	Depression	Plagiobothrys acanthocarpus, Hordeum murinum, Lepidium nitidum				
209	Р	Depress	44	9	Isolate	32.54965	-117.01711	Depression	Psilocarphus brevissimus				
210	Р	Depress	11	5	Isolate	32.55309	-117.02286	Depression	Psilocarphus brevissimus, Spergularia bocconi, Festuca perennis				
211	Р	Depress	77	13	Isolate	32.55918	-117.0188	Depression	Spergularia bocconi, \ Erodium botrys				
212	Р	Depress	35	9	Isolate	32.55905	-117.01813	Depression	Plantago elongata				
224	Р	Depress	244	29	Isolate	32.55865	-117.01773	Depression	Plagiobothrys acanthocarpus, Plantago elongata, Psilocarphus brevissimus				
227	Р	Depress	36	12	Isolate	32.55425	-117.01433	Depression	Psilocarphus brevissimus, Hordeum murinum, Festuca perennis				
228	Р	Depress	182	21	Isolate	32.55427	-117.01557	Depression	Psilocarphus brevissimus, Festuca perennis				
229	Р	Depress	41	14	Isolate	32.5536	-117.01564	Depression	Hordeum murinum, Bromus hordeaceus, Festuca perennis				
230	Р	Depress	45	17	Isolate	32.55246	-117.0154	Depression	Festuca perennis, Bromus hordeaceus				
233	Р	Depress	134	33	Isolate	32.55208	-117.01533	Depression	Festuca perennis				
234	Р	Depress	154	39	Isolate	32.55211	-117.01522	Depression	Festuca perennis				
235	Р	Depress	477	66	Isolate	32.55219	-117.01469	Depression	Festuca perennis				
237	Р	Depress	657	86	Isolate	32.55191	-117.01528	Depression	Hordeum murinum, Festuca perennis				
238	Р	Depress	22	11	Isolate	32.54907	-117.01637	Depression	Bromus madritensis				
239	Р	Depress	16	7	Isolate	32.54926	-117.01721	Depression	Plagiobothrys acanthocarpus				
242	Р	Depress	2,882	77	Isolate	32.54997	-117.01948	Depression	Rumex crispus				
243	Р	Depress	179	23	Isolate	32.55071	-117.02072	Depression	Hordeum depressum, Festuca perennis				
244	Р	Depress	282	66	Isolate	32.55119	-117.02115	Depression	Psilocarphus brevissimus				
245	Р	Depress	156	26	Isolate	32.55052	-117.02283	Depression	Psilocarphus brevissimus, Festuca perennis				
249	Р	Depress	97	19	Isolate	32.55183	-117.02445	Depression	Deinandra fasciculata, Glebonis coronaria				
250	Р	Depress	38	17	Isolate	32.55408	-117.02533	Depression	Bromus madritensis, Glebonis coronaria				
251	Р	Depress	19	10	Isolate	32.55436	-117.02567	Depression	Plagiobothrys acanthocarpus, Bromus madritensis				

	Table 4 List of Aquatic Resources													
	C 1:	LIGNA												
Waters ID	Cowardin Code	HGM Code	Area (sq. ft.)	Linear	Waters	Latitude (dd NAD83)	Longitude (dd NAD83)	Local Waterway	Dominant Vegetation					
252	P	Depress	461	Feet 53	Type Isolate	32.55866	-117.02703	Depression	Psilocarphus brevissimus, Spergularia bocconi, Juncus bufonius					
253	Р	Depress	205	57	Isolate	32.55801	-117.0282	Depression	Erodium botrys, Centaurea melitensis					
254	Р	Depress	383	40	Isolate	32.55813	-117.02846	Depression	Crassula aquatica, Plantago elongata, Psilocarphus brevissimus					
255	Р	Depress	19	5	Isolate	32.55816	-117.02855	Depression	Spergularia bocconi, Deinandra fasciculata					
256	Р	Depress	100	13	Isolate	32.55792	-117.03276	Depression	Plantago elongata, Deinandra fasciculata, Spergularia bocconi					
257	Р	Depress	492	40	Isolate	32.55777	-117.03299	Depression	Plantago elongata, Crassula aquatica, Festuca myuros					
258	Р	Depress	32	9	Isolate	32.55777	-117.03299	Depression	Glebionis coronaria, Amblyopappus pusillus,					
259	Р	Depress	287	35	Isolate	32.55199	-117.01839	Depression	Plagiobothrys acanthocarpus, Psilocarphus brevissimus, Hordeum depressum					
260	Р	Depress	34	10	Isolate	32.55199	-117.01839	Depression	Hordeum depressum					
264	Р	Depress	635	58	Isolate	32.55257	-117.0184	Depression	Lilaea scilloides, Psilocarphus brevissimus, Festuca perennis					
269	Р	Depress	2,408	115	Isolate	32.55213	-117.01844	Depression	Hordeum depressum					
272	Р	Depress	111	39	Isolate	32.55818	-117.02909	Depression	Deinandra fasciculata					
273	Р	Depress	13	5	Isolate	32.55192	-117.02434	Depression	Festuca myuros					
274	Р	Depress	7	3	Isolate	32.55203	-117.02443	Depression	Festuca myuros					
276	Р	Depress	106	15	Isolate	32.55339	-117.02292	Depression	Festuca perennis					
277	Р	Depress	1,298	53	Isolate	32.55282	-117.01849	Depression	Festuca perennis					
278	Р	Depress	128	19	Isolate	32.55257	-117.01853	Depression	Hordeum depressum					
280	Р	Depress	134	30	Isolate	32.55216	-117.01847	Depression	Avena sp.					
283	Р	Depress	93	12	Isolate	32.55149	-117.01844	Depression	Spergularia bocconi					
284	Р	Depress	140	17	Isolate	32.55145	-117.01844	Depression	Spergularia bocconi					
289	Р	Depress	390	30	Isolate	32.5474	-117.01787	Depression	Spergularia bocconi					
291	Р	Depress	471	36	Isolate	32.54858	-117.01674	Depression	Festuca perennis					
292	Р	Depress	133	25	Isolate	32.54852	-117.01672	Depression	Plagiobothrys acanthocarpus					
293	Р	Depress	39	8	Isolate	32.55456	-117.02277	Depression	Deinandra fasciculata, Erodium botrys					
294	Р	Depress	80	19	Isolate	32.55434	-117.01859	Depression	Hordeum murinum					
296	Р	Depress	27	7	Isolate	32.55434	-117.02218	Depression	Spergularia bocconi					
297	Р	Depress	68	15	Isolate	32.55436	-117.02259	Depression	Spergularia bocconi, Matricaria discoidea					
298	Р	Depress	52	14	Isolate	32.55438	-117.02263	Depression	Spergularia bocconi					

	Table 4 List of Aquatic Resources													
	Cowardin	HGM	Area	Linear	Waters	Latitude	Longitude	Local						
Waters ID	Code	Code	(sq. ft.)	Feet	Туре	(dd NAD83)	(dd NAD83)	Waterway	Dominant Vegetation					
299	Р	Depress	114	21	Isolate	32.55438	-117.02268	Depression	Spergularia bocconi					
300	Р	Depress	18	11	Isolate	32.55443	-117.02264	Depression	Matricaria discoidea					
304	Р	Depress	12	7	Isolate	32.55677	-117.02537	Depression	Deinandra fasciculata					
306	Р	Depress	204	32	Isolate	32.55517	-117.02293	Depression	Festuca perennis					
307	Р	Depress	46	11	Isolate	32.55513	-117.02281	Depression	Plagiobothrys acanthocarpus					
309	Р	Depress	330	111	Isolate	32.55318	-117.02131	Depression	Hordeum murinum					
310	Р	Depress	296	60	Isolate	32.55276	-117.02102	Depression	Bromus hordeaceus					
311	Р	Depress	16,277	185	Isolate	32.55004	-117.00971	Depression	Eleocharis macrostachya, Festuca perennis					
314	Р	Depress	377	40	Isolate	32.55068	-117.0202	Depression	Hordeum depressum					
316	Р	Depress	39	16	Isolate	32.54971	-117.01782	Depression	Plagiobothrys acanthocarpus					
317	Р	Depress	229	45	Isolate	32.54966	-117.01451	Depression	Festuca perennis					
318	Р	Depress	91	44	Isolate	32.55183	-117.01512	Depression	Festuca perennis, Avena sp., Hordeum murinum					
322	Р	Depress	20	7	Isolate	32.55418	-117.01559	Depression	Festuca perennis					
324	Р	Depress	125	22	Isolate	32.55424	-117.01518	Depression	Festuca perennis					
325	Р	Depress	43	13	Isolate	32.55421	-117.01506	Depression	Festuca perennis					
326	Р	Depress	88	18	Isolate	32.55381	-117.01417	Depression	Bromus hordeaceus, Festuca perennis					
327	Р	Depress	261	52	Isolate	32.55214	-117.0151	Depression	Festuca perennis					
329	Р	Depress	43	9	Isolate	32.55439	-117.02255	Depression	Plagiobothrys acanthocarpus					
330	Р	Depress	79	12	Isolate	32.55436	-117.02223	Depression	Plantago elongata					
331	Р	Depress	36	12	Isolate	32.5523	-117.02326	Depression	Psilocarphus brevissimus, Festuca perennis					
340	Р	Depress	100	17	Isolate	32.55495	-117.02629	Depression	Psilocarphus brevissimus					
346	Р	Depress	106	13	Isolate	32.557	-117.029	Depression	unvegetated					
357	Р	Depress	72	12	Isolate	32.56139	-117.01835	Depression	Basin was not delineated; therefore, indicator plants and vernal pool status are assumed					
358	Р	Depress	456	9	Isolate	32.56143	-117.01822	Depression	Basin was not delineated; therefore, indicator plants and vernal pool status are assumed					
359	Р	Depress	635	80	Isolate	32.5614	-117.01768	Depression	Basin was not delineated; therefore, indicator plants and vernal pool status are assumed					

	Table 4 List of Aquatic Resources													
	Cowardin	HGM	Area	Linear	Waters	Latitude	Longitude	Local						
Waters ID	Code	Code	(sq. ft.)	Feet	Туре	(dd NAD83)	(dd NAD83)	Waterway	Dominant Vegetation					
360	Р	Depress	0	64	Isolate	32.5615	-117.01738	Depression	Basin was not delineated; therefore, indicator plants and vernal pool status are assumed					
361	Р	Depress	131	43	Isolate	32.56139	-117.01705	Depression	Basin was not delineated; therefore, indicator plants and vernal pool status are assumed					
362	Р	Depress	23	8	Isolate	32.5614	-117.01687	Depression	Basin was not delineated; therefore, indicator plants and vernal pool status are assumed					
363	Р	Depress	26	7	Isolate	32.55757	-117.01858	Depression	Plagiobothrys acanthocarpus, Erodium botrys, Hordeum murinum					
364	Р	Depress	41	14	Isolate	32.55748	-117.01859	Depression	Plagiobothrys acanthocarpus, Lythrum hyssopifolia, Festuca perennis					
365	Р	Depress	33	8	Isolate	32.55732	-117.01859	Depression	Plagiobothrys acanthocarpus					
366	Р	Depress	16	5	Isolate	32.5573	-117.0186	Depression	Plagiobothrys acanthocarpus, Festuca perennis, Lythrum hyssopifolia					
367	Р	Depress	36	9	Isolate	32.5571	-117.0186	Depression	Plagiobothrys acanthocarpus, Glebionis coronaria, Festuca perennis					
368	Р	Depress	55	14	Isolate	32.55695	-117.01867	Depression	Plagiobothrys acanthocarpus, Plantago elongate, Psilocarphus brevissimus					
369	Р	Depress	1,096	90	Isolate	32.5566	-117.01868	Depression	Psilocarphus brevissimus, Triglochin scilloide, Eleocharis macrostachya					
370	Р	Depress	31	9	Isolate	32.5566	-117.01857	Depression	Plagiobothrys acanthocarpus, Festuca perennis, Lythrum hyssopifolia					
371	Р	Depress	95	21	Isolate	32.55647	-117.01859	Depression	Plagiobothrys acanthocarpus, Festuca perennis, Lythrum hyssopifolia					
372	Р	Depress	95	15	Isolate	32.5564	-117.01858	Depression	Plagiobothrys acanthocarpus, Triglochin scilloides, Lythrum hyssopifolia					
373	Р	Depress	89	13	Isolate	32.5564	-117.01854	Depression	Plagiobothrys acanthocarpus, Festuca perennis, Hordeum depressum					
374	Р	Depress	26	9	Isolate	32.5561	-117.0185	Depression	Plagiobothrys acanthocarpus					
375	Р	Depress	51	10	Isolate	32.55602	-117.0185	Depression	Plagiobothrys acanthocarpus, Hordeum depressum, Festuca perennis					

	Table 4 List of Aquatic Resources													
Waters ID	Cowardin Code	HGM Code	Area (sq. ft.)	Linear Feet	Waters Type	Latitude (dd NAD83)	Longitude (dd NAD83)	Local Waterway	Dominant Vegetation					
376	Р	Depress	87	20	Isolate	32.55596	-117.01855	Depression	Plagiobothrys acanthocarpus, Festuca perennis, Hordeum depressum					
377	Р	Depress	126	24	Isolate	32.55583	-117.01853	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Festuca perennis					
378	Р	Depress	88	17	Isolate	32.55572	-117.01851	Depression	Plagiobothrys acanthocarpus, Plantago elongate, Festuca perennis					
382	Р	Depress	598	84	Isolate	32.55724	-117.01871	Depression	Plagiobothrys acanthocarpus, Festuca perennis					
383	Р	Depress	209	29	Isolate	32.5564	-117.01872	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Festuca perennis					
384	Р	Depress	29	9	Isolate	32.55611	-117.01867	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Hordeum depressum					
385	Р	Depress	37	14	Isolate	32.55606	-117.01872	Depression	Plagiobothrys acanthocarpus, Psilocarphus brevissimus, Hordeum depressum					
386	Р	Depress	104	15	Isolate	32.55594	-117.01873	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Triglochin scilloides					
387	Р	Depress	51	11	Isolate	32.55592	-117.01877	Depression	Plagiobothrys acanthocarpus, Psilocarphus brevissimus					
388	Р	Depress	4	3	Isolate	32.55591	-117.01871	Depression	Plagiobothrys acanthocarpus, Plantago elongate, Festuca perennis					
389	Р	Depress	29	13	Isolate	32.55559	-117.01886	Depression	Psilocarphus brevissimus, Hordeum depressum, Festuca perenni					
390	Р	Depress	38	10	Isolate	32.55553	-117.01888	Depression	Psilocarphus brevissimus, Plantago elongate, Festuca perennis					
391	Р	Depress	188	18	Isolate	32.55544	-117.01884	Depression	Triglochin scilloides, Psilocarphus brevissimus, Plagiobothrys acanthocarpus					
392	Р	Depress	91	14	Isolate	32.55541	-117.01889	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Festuca perennis					
393	Р	Depress	136	17	Isolate	32.55526	-117.01889	Depression	Triglochin scilloides, Psilocarphus brevissimus, Plagiobothrys acanthocarpus					
VPHCP 135	Р	Depress	156	21	Isolate	32.55433	-117.02266	Depression	Festuca perennis, Psilocarphus brevissimus, Erodium botrys					
VPHCP 136	Р	Depress	73	11	Isolate	32.55424	-117.0227	Depression	Festuca perennis					

Table 4 List of Aquatic Resources													
Waters ID	Cowardin Code	HGM Code	Area (sq. ft.)	Linear Feet	Waters Type	Latitude (dd NAD83)	Longitude (dd NAD83)	Local Waterway	Dominant Vegetation				
VPHCP 278	Р	Depress	4,247	108	Isolate	32.55133	-117.00908	Depression	Bromus diandrus, Rumex crispus, Avena barbata				
VPHCP 420	Р	Depress	31	8	Isolate	32.55688	-117.01848	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Festuca perennis				
VPHCP 539	Р	Depress	5,560	123	Isolate	32.55177	-117.00866	Depression	Festuca perennis, Eleocharis macrostachya, Phalaris minor				
VPHCP 1223	Р	Depress	282	36	Isolate	32.55338	-117.02286	Depression	Festuca perennis				
VPHCP 1224	Р	Depress	109	18	Isolate	32.5534	-117.02279	Depression	Festuca perennis, Deinandra fasciculata, Bromus diandrus				
VPHCP 1528	Р	Depress	1,718	64	Isolate	32.55221	-117.00825	Depression	Festuca perennis, Sporobolus airoides, Avena barbata				
VPHCP 1651	Р	Depress	700	56	Isolate	32.55214	-117.0184	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Plantago elongata				
VPHCP 1752	Р	Depress	328	35	Isolate	32.55239	-117.00821	Depression	Festuca perennis, Eleocharis macrostachya, Bromus diandrus				
VPHCP 1753	Р	Depress	165	25	Isolate	32.55209	-117.00798	Depression	Festuca perennis, Bromus diandrus, Avena barbata				
VPHCP 1754	Р	Depress	23,622	264	Isolate	32.54744	-117.0148	Depression	Festuca perennis, Eleocharis macrostachya, Malvella leprosa				
VPHCP 1755	Р	Depress	5,061	141	Isolate	32.54602	-117.02341	Depression	Eleocharis macrostachya, Frankenia salina, Deschampsia danthoniodes				
VPHCP 1757	Р	Depress	1,824	73	Isolate	32.5453	-117.02283	Depression	Rumex crispus, Festuca perennis, Malvella leprosa				
VPHCP 1758	Р	Depress	2,875	85	Isolate	32.54584	-117.0244	Depression	Festuca perennis, Rumex crispus, Eleocharis macrostachya				
VPHCP 1778	Р	Depress	2,469	139	Isolate	32.55381	-117.01838	Depression	Hordeum depressum				
VPHCP 2068	Р	Depress	201	23	Isolate	32.55343	-117.02283	Depression	Festuca perennis, Hordeum murinum, Bromus diandrus				
VPHCP 2337	Р	Depress	3,724	85	Isolate	32.54796	-117.01403	Depression	Rumex crispus, Malvella leprosa, Festuca perennis				
VPHCP 3139	Р	Depress	2,162	70	Isolate	32.55443	-117.02545	Depression	Psilocarphus brevissimus, Plagiobothrys acanthocarpus, Plantago elongata				

Table 4 List of Aquatic Resources													
	Cowardin	HGM	Area	Linear	Waters	Latitude	Longitude	Local					
Waters ID	Code	Code	(sq. ft.)	Feet	Туре	(dd NAD83)	(dd NAD83)	Waterway	Dominant Vegetation				
VPHCP 3145	Р	Depress	258	23	Isolate	32.55864	-117.01915	Depression	Eryngium aristulatum parishii, Festuca perennis, Erodium cicutarium				
VPHCP 3147	Р	Depress	221	20	Isolate	32.55871	-117.01893	Depression	Plagiobothrys acanthocarpus, Erodium botrys, Festuca myuros				
VPHCP 3151	Р	Depress	164	16	Isolate	32.55851	-117.01882	Depression	Psilocarphus brevissimus, Mesembryanthemum nodiflorum, Deinandra fasciculata				
VPHCP 3152	Р	Depress	38	8	Isolate	32.55845	-117.0185	Depression	Erodium botrys, Bromus diandrus				
C-27	Р	Depress	73	11	Isolate	32.56156	-117.01949	Depression	Filaga gallica, Festuca perennis, Avena barbata				
C-28	Р	Depress	49	10	Isolate	32.56155	-117.01955	Depression	Filaga gallica, Festuca perennis, Avena barbata				
C-29	Р	Depress	151	18	Isolate	32.56154	-117.01959	Depression	Eleocharis macrostachya , Psilocarphus brevissimus, Juncus bufonius				
C-30	Р	Depress	121	15	Isolate	32.56154	-117.01965	Depression	Juncus bufonius, Plagiobothrys acanthocarpus				
C-31	Р	Depress	107	11	Isolate	32.56155	-117.0197	Depression	Juncus bufonius, Psilocarphus brevissimus, Festuca perennis				
C-32	Р	Depress	112	14	Isolate	32.56155	-117.01975	Depression	Eleocharis macrostachya, Juncus bufonius, Festuca perennis				
C-33	Р	Depress	124	15	Isolate	32.56155	-117.0198	Depression	Juncus bufonius, Festuca perennis				
C-15	Р	Depress	64	11	Isolate	32.561	-117.017	Depression	Baccharis sarathroides, Festuca perennis				
C-14	Р	Depress	2,063	155	Isolate	32.56148	-117.01668	Depression	Festuca perennis, Avena barbata				
C-57	Р	Depress	117	17	Isolate	32.56137	-117.01865	Depression	none				
C-56	Р	Depress	40	10	Isolate	32.56155	-117.01866	Depression	none				
C-55	Р	Depress	255	30	Isolate	32.56163	-117.01866	Depression	none				
C-12	Р	Depress	7,442	30	Isolate	32.56237	-117.01585	Depression	Rumex crispus, Festuca perennis, Lythrum hyssopifolium				
C-16	Р	Depress	488	36	Isolate	32.56159	-117.01851	Depression	Tamarix rammosissima, Festuca perennis, Rumex crispus				
C-A	PEM	Riverine	673	300	NRPWW	32.56215	-117.01672	Ephemeral Drainage	Cynodon dactylon, Tamarix rammosissima				

	Table 4 List of Aquatic Resources												
	Cowardin	HGM	Area	Linear	Waters	Latitude	Longitude	Local					
Waters ID	Code	Code	(sq. ft.)	Feet	Type	(dd NAD83)	(dd NAD83)	Waterway	Dominant Vegetation				
С-В	PEM	Riverine	1,299	100	NRPWW	32.56167	-117.01702	Ephemeral Drainage	Cyperus esculentus, Tamarix rammosissima, Rumex crispus				
C-E	PEM	Riverine	2,330	85	NRPWW	32.56163	-117.0179	Ephemeral Drainage	Salix lasiolepis, Tamarix rammosissima, Foeniculum vulgare, Brachypodum distachyon				
C-I	PEM	Riverine	14,082	49	NRPWW	32.56251	-117.01675	Ephemeral Drainage	Salix lasiolepis, Typha latifloia				
C-J	PEM	Riverine	942	70	NRPWW	32.56224	-117.01659	Ephemeral Drainage	Cyperus esculentus, Rumex crispus				
SW-6	Р	Depress	456	46	Isolate	32.55976	-117.01892	Depression	Psilocarphus brevissimus, Lythrum hyssopifolia, Rumex crispus				
SW-5	Р	Depress	1,088	65	Isolate	32.55978	-117.01944	Depression	Triglochin scilloides, Psilocarphus brevissimus, Lythrum hyssopifolia				
P-1	Р	Depress	126	30	Isolate	32.55219	-117.01404	Depression	Festuca perennis, Hordeum depressum, Psilocarphus brevissimus				
P-2	Р	Depress	27	7	Isolate	32.55221	-117.01395	Depression	Festuca perennis, Psilocarphus brevissimus				
P-3/ VPHCP 264	Р	Depress	107	33	Isolate	32.55246	-117.01298	Depression	Festuca perennis, Psilocarphus brevissimus				
P-4/ VPHCP 1191	Р	Depress	238	46	Isolate	32.55308	-117.01138	Depression	Rumex crispus, Festuca perennis, Psilocarphus brevissimus				
P-5/ VPHCP 1192	Р	Depress	174	26	Isolate	32.55325	-117.01072	Depression	Festuca perennis, Psilocarphus brevissimus, Spergularia bocconi				
P-6/ VPHCP 263	Р	Depress	1,019	61	Isolate	32.55221	-117.01121	Depression	Festuca perennis, Hordeum depressum, Bromus diandrus				
P-7/ VPHCP 262	Р	Depress	128	16	Isolate	32.55186	-117.01091	Depression	Festuca perennis, Psilocarphus brevissimus, Brassica nigra				
P-8/ VPHCP 1194	Р	Depress	245	32	Isolate	32.55091	-117.01112	Depression	Rumex crispus, Psilocarphus brevissimus, Festuca perennis				

	Table 4 List of Aquatic Resources									
	Cowardin	HGM	Area	Linear	Waters	Latitude	Longitude	Local		
Waters ID	Code	Code	(sq. ft.)	Feet	Туре	(dd NAD83)	(dd NAD83)	Waterway	Dominant Vegetation	
P-12	Р	Depress	19	7	Isolate	32.54951	-117.01408	Depression	Deinandra fasciculata, Plagiobothrys acanthocarpus, Hordeum murinum	
P-13/ VPHCP11 93	Р	Depress	447	44	Isolate	32.55344	-117.00949	Depression	Psilocarphus brevissimus, Festuca perennis, Juncus bufonius	
P-15	Р	Depress	33	7	Isolate	32.55423	-117.01403	Depression	Hordeum depressum, Plagiobothrys acanthocarpus, Psilocarphus brevissimus	
P-17	Р	Depress	72	16	Isolate	32.55223	-117.01388	Depression	Festuca perennis, Plagiobothrys acanthocarpus, Hordeum depressum	

P = Palustrine; HGM = hydrogeomorphic; PEM = Emergent, Palustrine; R = Riverine; RP = Riparian; RPW = Relatively Permanent Waters (RPWs) that flow directly or indirectly into TNWs; NRPW = Non-Relatively Permanent Water; NRPWW = Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs

	Table 5							
OHWM ar	nd 2-year Flow Comparison wi	thin Project-level Analysis Area						
	OHWM Average Width	2-year Flood Line Average Width						
Drainage	(feet)	(feet)						
Α	1.5	15						
В	3	14						
B(b)	2.5	7.5						
D	2	8						
Е	2.5	10						
F	1.5	3*						
G(b)	1.5	3*						
G (upstream)**	4	4						
G (downstream)**	12	13						
Н	3.5	11						
K	2	2						
М	3	3						
0	3	100						
Р	1	1						
Q	2	2						

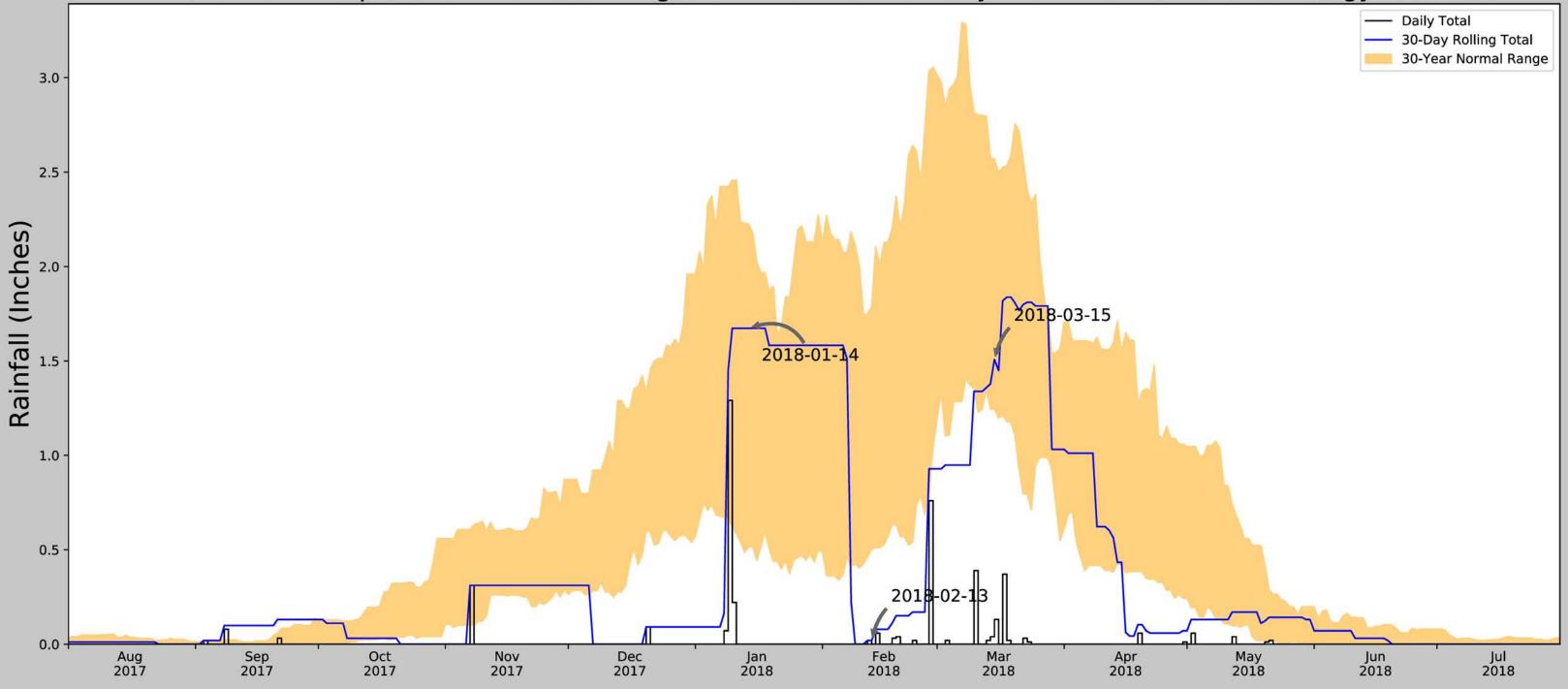
^{*}Drainages F and G(b) occur within the same 3-foot-wide 2-year flood line area.

^{**}The comparison for Drainage G has been split between those portions upstream vs. downstream of its confluence with Drainages F and G(b).



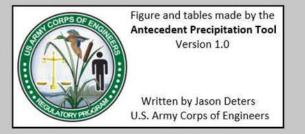
ATTACHMENT 3

Antecedent Precipitation Tool Results

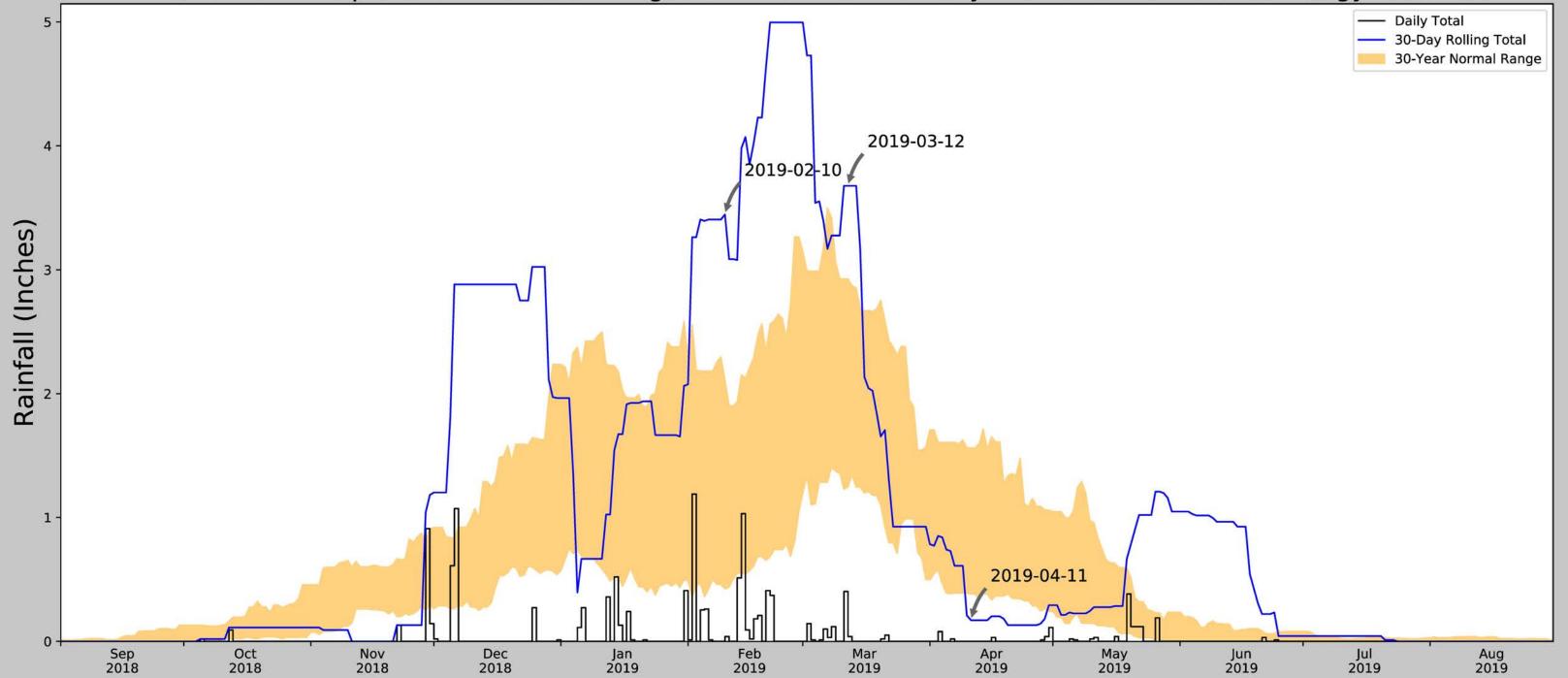


Coordinates	32.559, -117.018
Observation Date	2018-03-15
Elevation (ft)	484.03
Drought Index (PDSI)	Extreme drought
WebWIMP H ₂ O Balance	Wet Season

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2018-03-15	1.245669	2.569685	1.507874	Normal	2	3	6
2018-02-13	0.502756	1.790945	0.019685	Dry	1	2	2
2018-01-14	0.515748	2.224803	1.673228	Normal	2	1	2
Result						7	Normal Conditions - 10

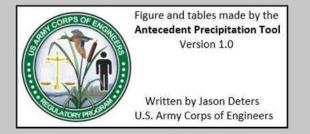


Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SAN DIEGO BROWN FLD	32.5722, -116.9794	515.092	2.426	31.062	1.167	7110	90
IMPERIAL BEACH 3.3 E	32.5738, -117.0625	138.123	2.786	345.907	2.217	1	0
IMPERIAL BEACH REAM FLD NAS	32.5667, -117.1167	23.95	5.772	460.08	5.253	2817	0
PRESA RODRIGUEZ	32.4333, -116.9	393.045	11.078	90.985	5.993	1411	0
CHULA VISTA	32.64, -117.0858	56.102	6.848	427.928	6.012	14	0

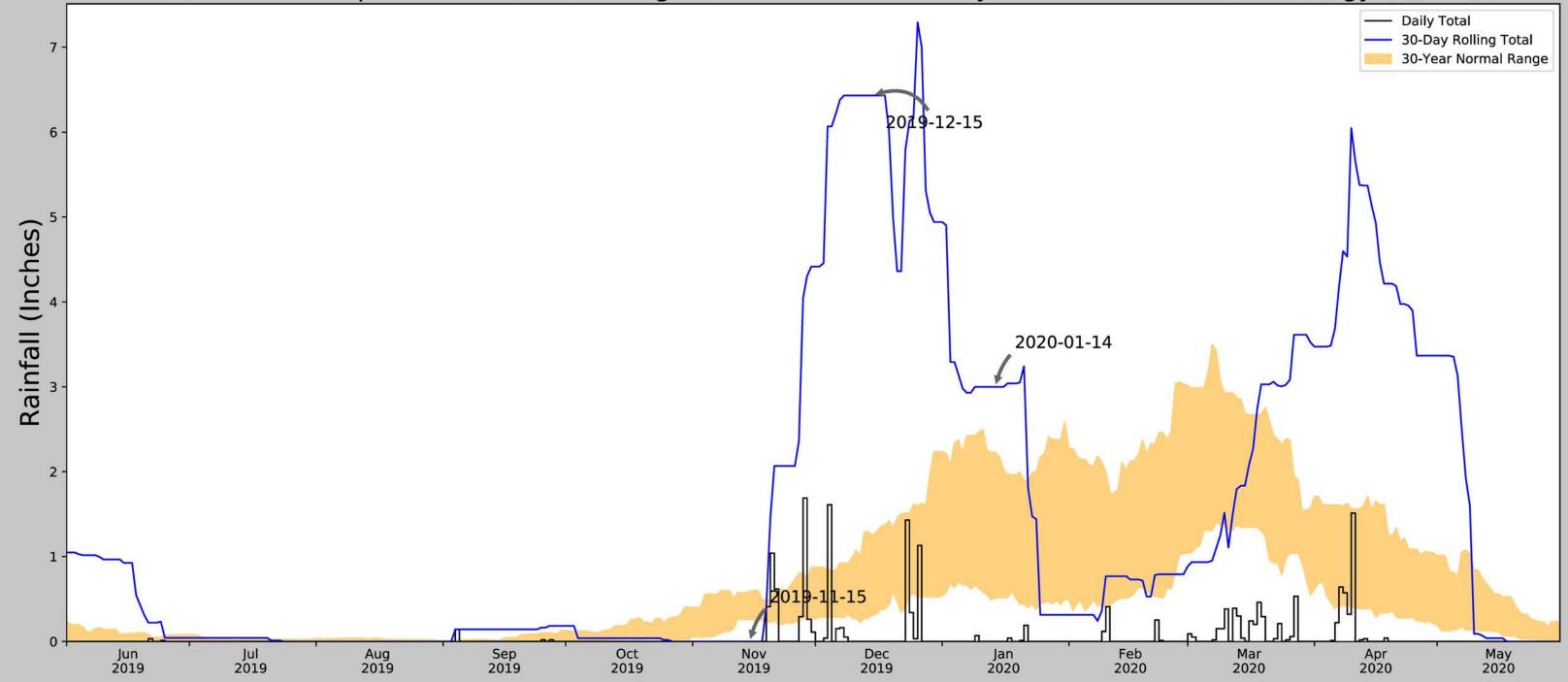


Coordinates	32.559, -117.018
Observation Date	2019-04-11
Elevation (ft)	484.03
Drought Index (PDSI)	Incipient wetness
WebWIMP H ₂ O Balance	Dry Season

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2019-04-11	0.381496	1.56063	0.169291	Dry	1	3	3
2019-03-12	1.245669	2.927559	3.677165	Wet	3	2	6
2019-02-10	0.424016	2.111024	3.444882	Wet	3	1	3
Result							Normal Conditions - 12

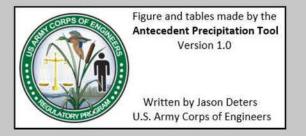


Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SAN DIEGO BROWN FLD	32.5722, -116.9794	515.092	2.426	31.062	1.167	7474	90
IMPERIAL BEACH 3.3 E	32.5738, -117.0625	138.123	2.786	345.907	2.217	1	0
CHULA VISTA 3.1SE	32.6044, -117.0508	200.131	3.672	283.899	2.695	1	0
IMPERIAL BEACH REAM FLD NAS	32.5667, -117.1167	23.95	5.772	460.08	5.253	2603	0
PRESA RODRIGUEZ	32.4333, -116.9	393.045	11.078	90.985	5.993	1273	0
CHULA VISTA	32.64, -117.0858	56.102	6.848	427.928	6.012	1	0

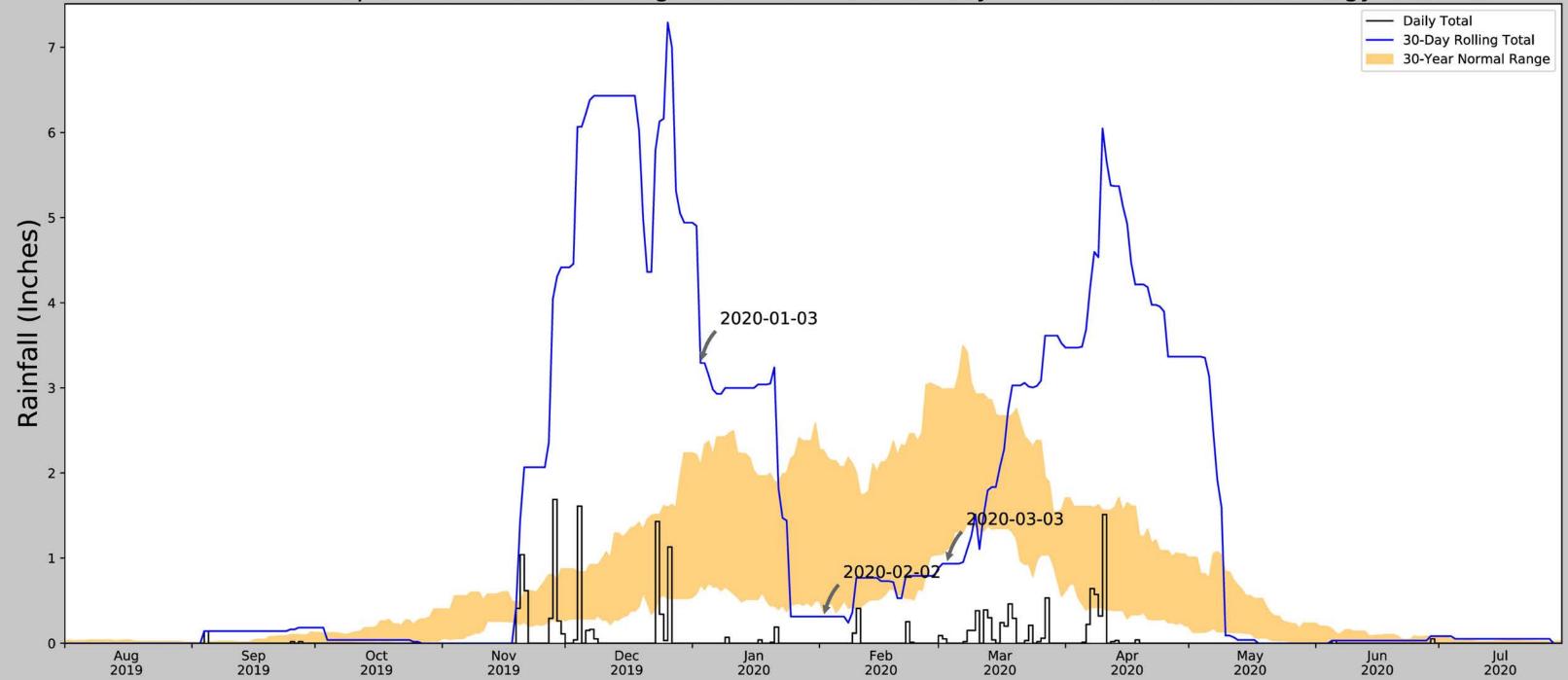


Coordinates	32.559, -117.018
Observation Date	2020-01-14
Elevation (ft)	484.03
Drought Index (PDSI)	Incipient drought
WebWIMP H ₂ O Balance	Wet Season

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2020-01-14	0.515748	2.224803	3.0	Wet	3	3	9
2019-12-15	0.309055	1.247638	6.429134	Wet	3	2	6
2019-11-15	0.259843	0.587402	0.0	Dry	1	1	1
Result							Wetter than Normal - 16

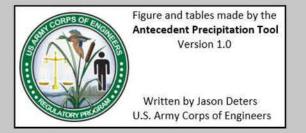


Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SAN DIEGO BROWN FLD	32.5722, -116.9794	515.092	2.426	31.062	1.167	7839	90
IMPERIAL BEACH 3.3 E	32.5738, -117.0625	138.123	2.786	345.907	2.217	1	0
CHULA VISTA 3.1SE	32.6044, -117.0508	200.131	3.672	283.899	2.695	1	0
IMPERIAL BEACH REAM FLD NAS	32.5667, -117.1167	23.95	5.772	460.08	5.253	2350	0
PRESA RODRIGUEZ	32.4333, -116.9	393.045	11.078	90.985	5.993	1160	0
CHULA VISTA	32.64, -117.0858	56.102	6.848	427.928	6.012	1	0

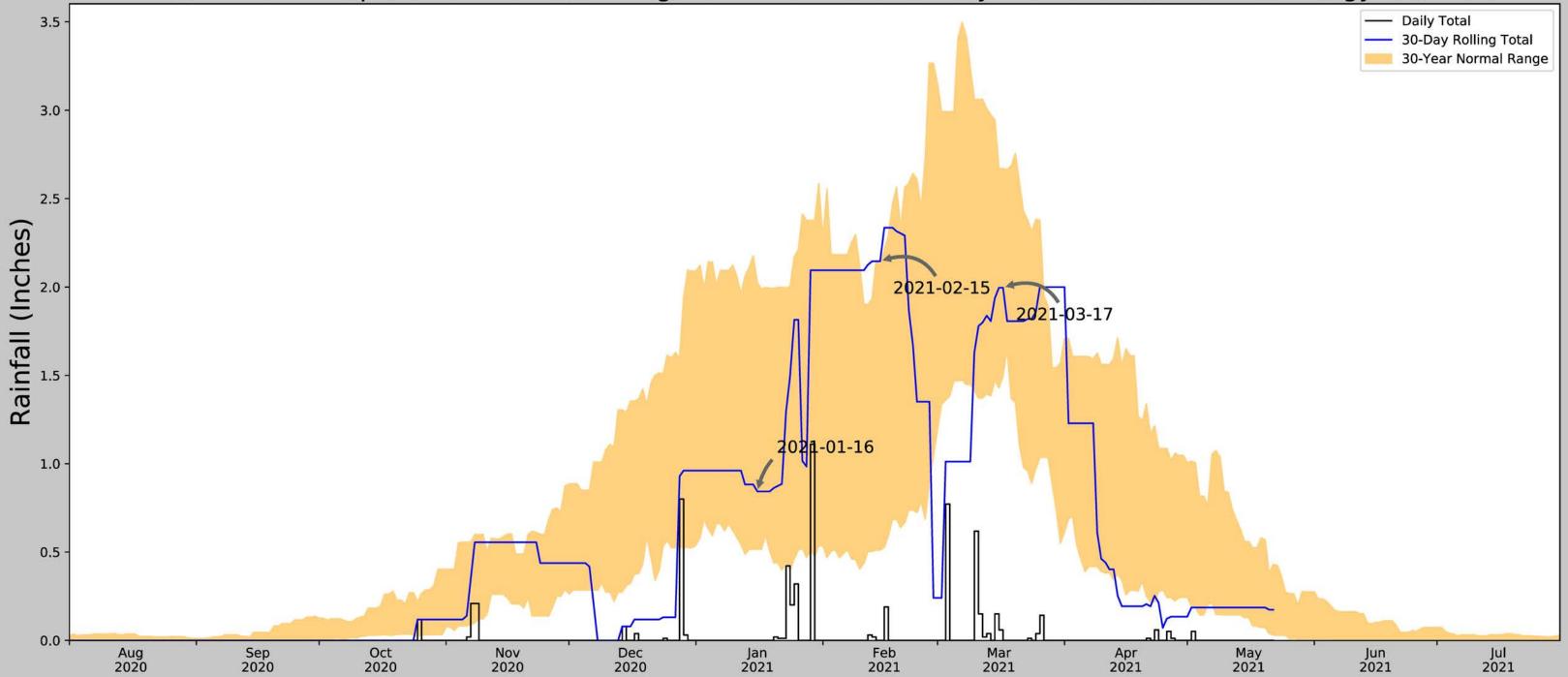


Coordinates	32.559, -117.018		
Observation Date	2020-03-03		
Elevation (ft)	484.03		
Drought Index (PDSI)	Incipient wetness		
WebWIMP H ₂ O Balance	Wet Season		

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2020-03-03	1.102756	2.988189	0.933071	Dry	1	3	3
2020-02-02	0.362598	2.269685	0.311024	Dry	1	2	2
2020-01-03	0.686614	2.085433	3.291339	Wet	3	1	3
Result							Drier than Normal - 8

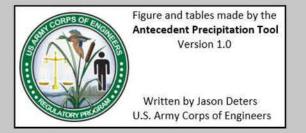


Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SAN DIEGO BROWN FLD	32.5722, -116.9794	515.092	2.426	31.062	1.167	7839	90
IMPERIAL BEACH 3.3 E	32.5738, -117.0625	138.123	2.786	345.907	2.217	1	0
CHULA VISTA 3.1SE	32.6044, -117.0508	200.131	3.672	283.899	2.695	1	0
IMPERIAL BEACH REAM FLD NAS	32.5667, -117.1167	23.95	5.772	460.08	5.253	2350	0
PRESA RODRIGUEZ	32.4333, -116.9	393.045	11.078	90.985	5.993	1160	0
CHULA VISTA	32.64, -117.0858	56.102	6.848	427.928	6.012	1	0

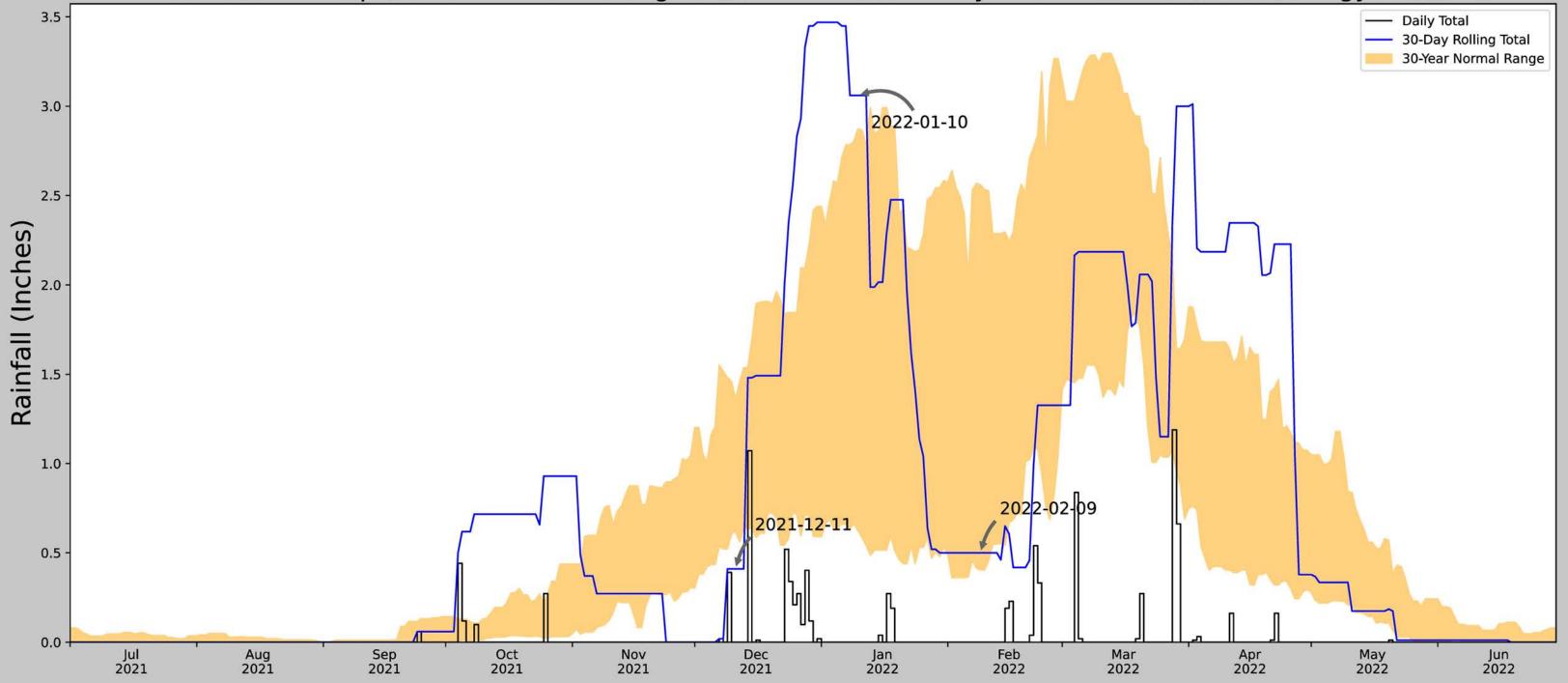


Coordinates	32.559, -117.018
Observation Date	2021-03-17
Elevation (ft)	484.03
Drought Index (PDSI)	Severe drought
WebWIMP H ₂ O Balance	Wet Season

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2021-03-17	1.496063	2.67126	1.996063	Normal	2	3	6
2021-02-15	0.511024	2.126378	2.145669	Wet	3	2	6
2021-01-16	0.515748	2.024803	0.84252	Normal	2	1	2
Result							Normal Conditions - 14

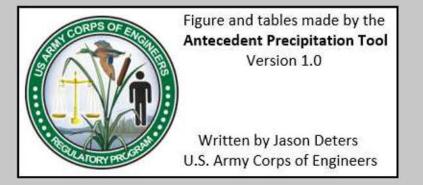


Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days (Normal)	Days (Antecedent)
SAN DIEGO BROWN FLD	32.5722, -116.9794	515.092	2.426	31.062	1.167	8205	90
IMPERIAL BEACH 3.3 E	32.5738, -117.0625	138.123	2.786	345.907	2.217	1	0
CHULA VISTA 3.1SE	32.6044, -117.0508	200.131	3.672	283.899	2.695	1	0
IMPERIAL BEACH REAM FLD NAS	32.5667, -117.1167	23.95	5.772	460.08	5.253	2108	0
PRESA RODRIGUEZ	32.4333, 116.9	393.045	11.078	90.985	5.993	1037	0
CHULA VISTA	32.64, -117.0858	56.102	6.848	427.928	6.012	1	0

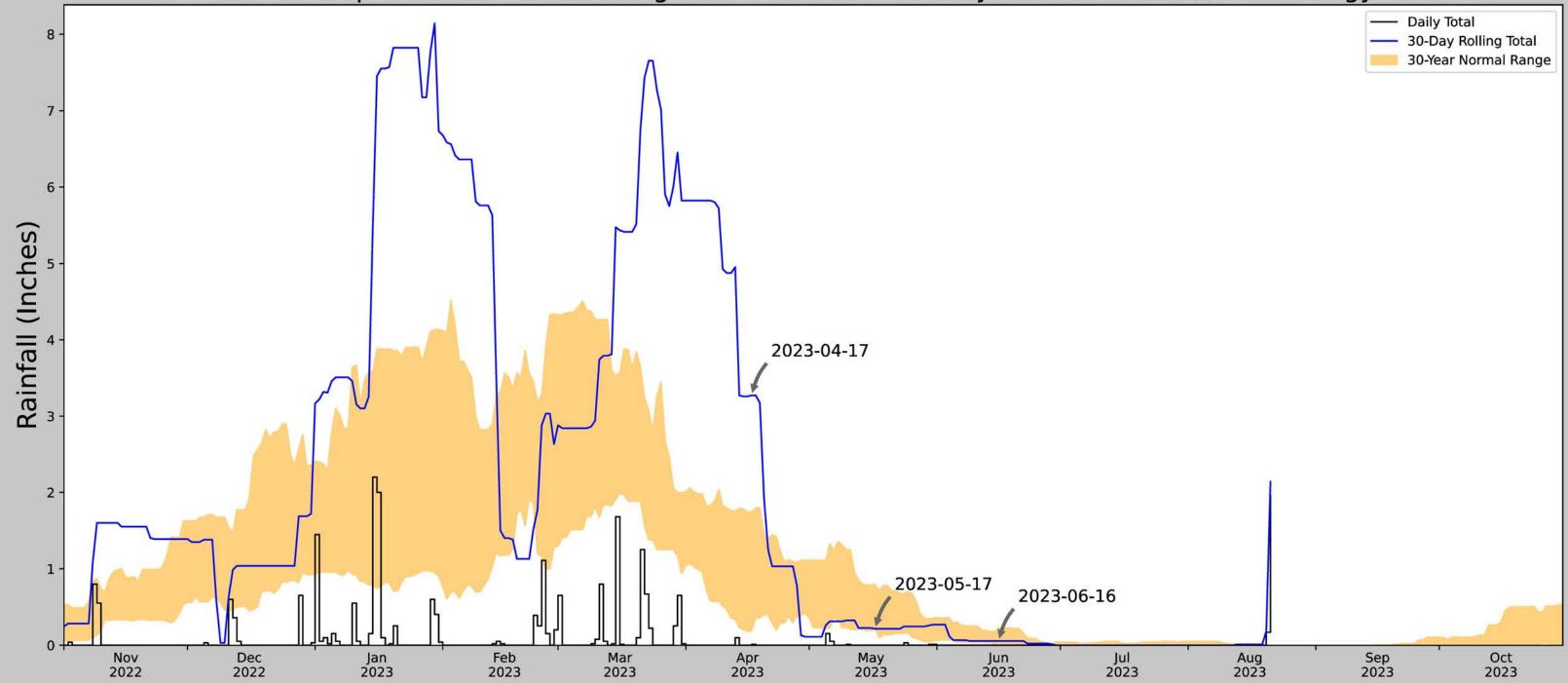


Coordinates	32.559, -117.018
Observation Date	2022-02-09
Elevation (ft)	484.593
Drought Index (PDSI)	Extreme drought
WebWIMP H ₂ O Balance	Wet Season

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2022-02-09	0.404724	2.559843	0.5	Normal	2	3	6
2022-01-10	0.622835	2.873228	3.059055	Wet	3	2	6
2021-12-11	0.618504	1.362205	0.409449	Dry	1	1	1
Result							Normal Conditions - 13

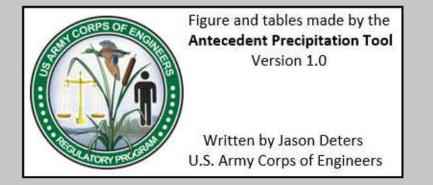


Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
SAN DIEGO BROWN FLD	32.5758, -116.9939	520.997	1.821	36.404	0.886	8570	90
CHULA VISTA 6.3E	32.6381, -116.9753	555.118	4.439	34.121	2.149	2	0
LA MESA	32.7675, -117.0233	529.856	13.355	8.859	6.128	2545	0
CHULA VISTA	32.64, -117.0858	56.102	6.949	464.895	6.358	232	0
PRESA RODRIGUEZ	32.4333, -116.9	393.045	11.264	127.952	6.51	4	0



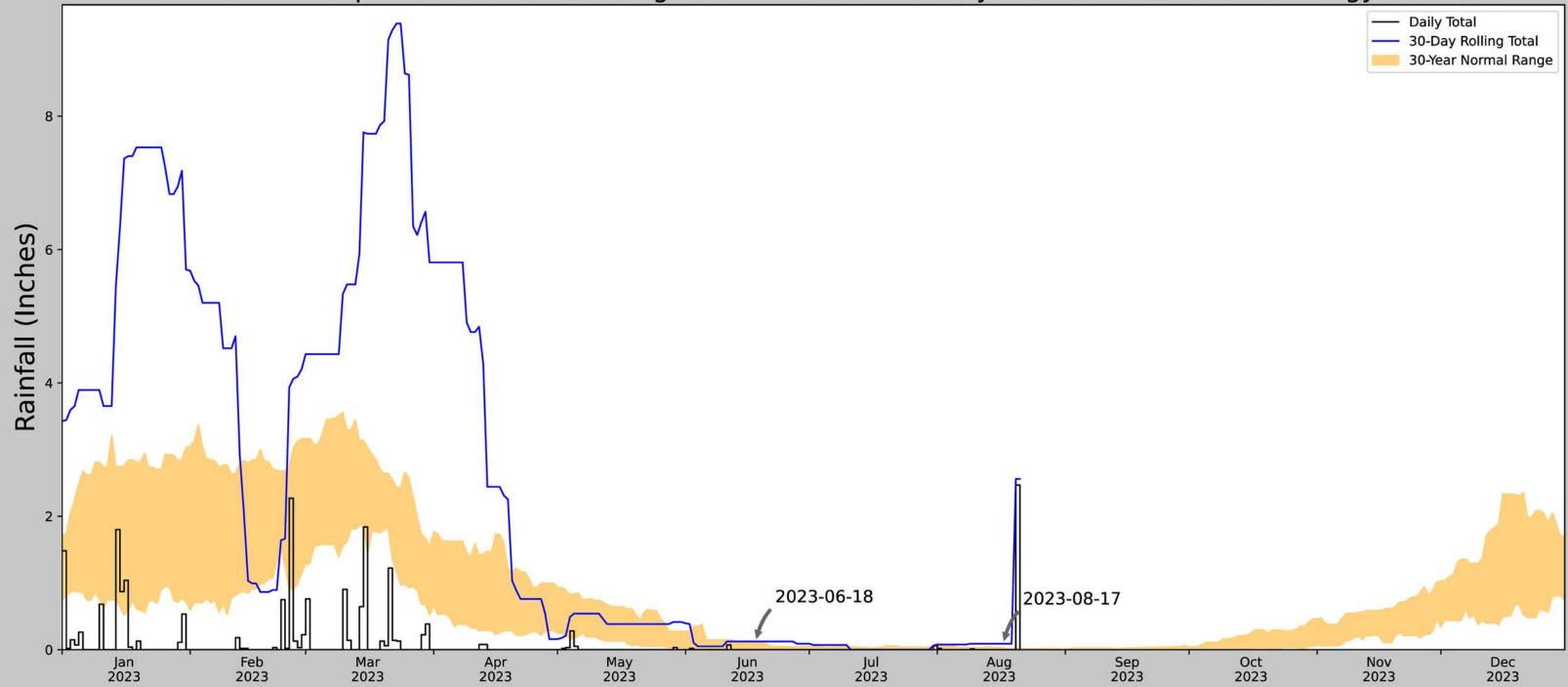
Coordinates	32.559, -117.018
Observation Date	2023-06-16
Elevation (ft)	484.593
Drought Index (PDSI)	Severe wetness
WebWIMP H ₂ O Balance	Dry Season

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2023-06-16	0.033858	0.224016	0.055118	Normal	2	3	6
2023-05-17	0.206299	0.795276	0.212598	Normal	2	2	4
2023-04-17	0.185433	1.744882	3.271654	Wet	3	1	3
Result							Normal Conditions - 13



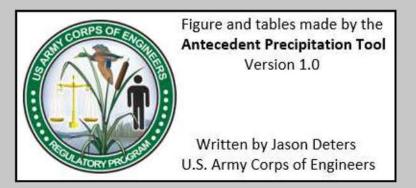
Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
POWAY VALLEY	33.0194, -117.0308	647.966	31.819	163.373	19.517	10565	90
POWAY 4.7NNW	33.0261, -117.0466	738.845	1.026	90.879	0.555	25	0
RANCHO BERNARDO 0.5SE	33.0184, -117.0666	482.94	2.075	165.026	1.276	4	0
SAN PASQUAL ANIMAL PK	33.0956, -116.9975	419.948	5.607	228.018	3.802	720	0
ESCONDIDO #2	33.1211, -117.09	600.066	7.818	47.9	3.893	8	0
RAMONA AP	33.0381, -116.9161	1384.843	6.769	736.877	8.034	31	0

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	32.559, -117.018
Observation Date	2023-08-17
Elevation (ft)	484.593
Drought Index (PDSI)	Severe wetness (2023-07)
WebWIMP H ₂ O Balance	Dry Season

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2023-08-17	0.0	0.031496	0.090551	Wet	3	3	9
2023-07-18	0.0	0.037402	0.0	Normal	2	2	4
2023-06-18	0.019685	0.116142	0.122047	Wet	3	1	3
Result							Wetter than Normal - 16



0							
Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted A	Days Normal	Days Antecedent
CARLSBAD MCCLELLAN PALOMAR AP	33.13, -117.2764	312.992	42.208	171.601	26.236	8945	90
CARLSBAD 3.8SE	33.1187, -117.3044	167.979	1.799	145.013	1.07	1	0
CARLSBAD 2.2SE	33.1427, -117.3206	21.982	2.704	291.01	2.004	1	0
VISTA	33.2353, -117.2322	430.118	7.711	117.126	4.373	2282	0
OCEANSIDE MARINA	33.2097, -117.395	9.843	8.796	303.149	6.625	124	0



ATTACHMENT 4

Wetland Determination Data Forms



Depressions

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 19, 2018					
Applicant/Owner: Pardee Homes State: CA Sampling Point: 2									
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	lange: Section 31, T18S R01W					
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat: 3	32.55942		Long: -117.02221 Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None					
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)					
Are Vegetation X, Soil , or Hydrology									
				(If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map sh									
Hydrophytic Vegetation Present? Yes	No X	_	h a Camamla d	A					
Hydric Soil Present? Yes	No X	I	he Sampled . hin a Wetland	YAS NO X					
Wetland Hydrology Present? Yes X	No	_ """	a rrottan	.					
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and does not meet the wetland criteria. VEGETATION – Use scientific names of plants.									
	Absolute	Dominant	Indicator	Dominance Test worksheet:					
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species					
1. <u>none</u> 2.				That Are OBL, FACW, or FAC: 0 (A)					
3				Total Number of Dominant Species Across All Strata:					
				Percent of Dominant Species (B)					
*		= Total Cove		That Are OBL, FACW, or FAC:0(A/B)					
Sapling/Shrub Stratum (Plot size:		rotal Cove	0 1						
1. none				Prevalence Index worksheet:					
2.				Total % Cover of: Multiply by:					
3.				OBL species0 x 1 =0					
4.				FACW species1 x 2 =2					
5				FAC species 2 x 3 = 6					
		= Total Cove	er	FACU species 5 x 4 = 20					
Herb Stratum (Plot size:)				UPL species 1 x 5 = 5					
1. Psilocarphus brevissimus		N	FACW	Column Totals:9 (A)33 (B)					
2. Erodium botrys	2	Y	FACU	Prevalence Index = B/A = 3.7					
3. Deinandra fasciculata	3	Y	FACU	Hadron badle Venetallen badle ten					
Crassula connata Sonchus asper	1	N	FAC FAC	Hydrophytic Vegetation Indicators:					
6. Bromus madritensis	<u></u>	N	UPL	Dominance Test is >50% Prevalence Index is ≤3.0¹					
7.									
8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)					
<u> </u>	9	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)					
Woody Vine Stratum (Plot size:		rotal Got		Troblematic Hydrophytic vegetation (Explain)					
1. none				¹ Indicators of hydric soil and wetland hydrology must					
2.				be present, unless disturbed or problematic.					
	0	= Total Cove	er	Hydrophytic					
% Bare Ground in Herb Stratum 91 % Co	ver of Biotic	Crust	0	Vegetation Present? Yes No X					
Remarks: Sample area is a vernal pool that receives ru		-							
predomince of hydrophytic vegetation, but does suppor									

SOIL Sampling Point: 2

Profile Desc Depth	ription: (Describe Matrix	to the depth ne		ent the inc edox Featu		confirm t	the absence	of indicators.)		
(inches)	Color (moist)	<u></u> %	Color (moist)	%	Type ¹	Loc ²	– Texture	2	Remarks	
(ITICITES)	Color (moist)		Color (moist)		Турс			<u> </u>	Remarks	
							_			
							_			
							_			
4										
	ncentration, D=Depletion					S. '		Pore Lining, RC=Root		
_	Indicators: (Appli	cable to all LRI						rs for Problemation	•	
Histoso	l (A1)		Sandy F	Redox (S5))		1 cm	Muck (A9) (LRR C	;)	
Histic E	pipedon (A2)		Stripped	d Matrix (S	6)		2 cm	Muck (A10) (LRR	B)	
Black H	istic (A3)		Loamy l	Mucky Min	eral (F1)		Redu	uced Vertic (F18)		
Hydroge	en Sulfide (A4)		Loamy	Gleyed Ma	trix (F2)		Red	Parent Material (TF	=2)	
Stratifie	d Layers (A5) (LRR	C)	Deplete	d Matrix (F	3)		Othe	r (Explain in Rema	rks)	
1 cm M	uck (A9) (LRR D)	•	Redox [Dark Surfa	ce (F6)			, ,	,	
Deplete	d Below Dark Surfa	ce (A11)	Deplete	d Dark Sui	face (F7)					
	ark Surface (A12)	(/		Depression			3Indicato	rs of hydrophytic ve	egetation and	
	Mucky Mineral (S1)			Pools (F9)	(- /			nd hydrology must		
	Gleyed Matrix (S4)			00.0 (. 0)				s disturbed or prob		
	. , ,						1			
_	Layer (if present):									
Type:			_							
Depth (inc	hes):						Hydric Soil I	Present? Yes	No X	
Domarka: T	he compled area au	nnorta a prodor	minance of unlan	d vogototio	n and doo	a not maa	at the budroph	vitio vogototion star	ndard to be considered a	
	erefore, no soil pit w						et tile Hydropi	iyilc vegetation stal	idald to be considered a	
Wettarid. Trie	stelote, tio soil pit w	as dug and nyu	nc sons are not o	orisidered	to be prese	GIIL.				
HYDROLO	GY									
Wetland Hy	drology Indicator	s:					S	econdary Indicato	ors (2 or more required)	
_	icators (minimum of		heck all that appl	v)			_	Water Marks (B		
	Water (A1)		Salt Crus	,,			_		, ,	
							_		sits (B2) (Riverine)	
	ater Table (A2)		Biotic Cr				_	Drift Deposits (B		
Saturat	ion (A3)		Aquatic I	nvertebrate	es (B13)		_	Drainage Patter	ns (B10)	
Water N	Marks (B1) (Nonrive	erine)	Hydrogei	n Sulfide C	dor (C1)			Dry-Season Wa	ter Table (C2)	
Sedime	nt Deposits (B2) (N	onriverine)	Oxidized	Rhizosphe	eres along	Living Ro	oots (C3)	Thin Muck Surfa	ce (C7)	
	posits (B3) (Nonriv	-			ed Iron (C		` ′ _	— Crayfish Burrow		
	Soil Cracks (B6)	J			-		-			
	, ,	(0.7)			ion in Tille	u Solis (C			e on Aerial Imagery (C9)	
	ion Visible on Aeria	,		k Surface			_	Shallow Aquitard	` '	
Water-S	Stained Leaves (B9))	Other (E	kplain in R	emarks)		_	FAC-Neutral Tes	st (D5)	
Field Obser	vations:									
Surface Wat		Yes No	X_Depth (inc	hes).						
Water Table										
			Depth (inc					5 (0)		
Saturation P		Yes No	Depth (inc	hes):		_ Wetla	and Hydrolo	gy Present? Y	es X No	
(includes ca										
Describe Rec	orded Data (stream	gauge, monitor	ing well, aerial ph	notos, prev	ious inspe	ctions), if	available: n/a	а		
Daniel Co	L						.	La taulta e e e e e		
						nce of sur	Tace soil crac	ks indicate that the	area supports wetland	
nyarology. W	ater table level and	saturation are n	ol known as a so	ıı pit was n	ot aug.					

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: April 4, 2018					
Applicant/Owner: Pardee Homes State: CA Sampling Point: 4-WET									
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W					
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat: 3	32.55936		Long: -117.01909 Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None					
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)					
Are Vegetation X, Soil , or Hydrology									
				(If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map sh									
Hydrophytic Vegetation Present? Yes	No x	_	a Camalad	Avec					
Hydric Soil Present? Yes	_Nox	15 11	ne Sampled . nin a Wetlan	YAS NO Y					
Wetland Hydrology Present? Yes X	_No	_ """	iii a rrottaii	~·					
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and does not meet the wetland criteria. VEGETATION – Use scientific names of plants.									
	Absolute	Dominant	Indicator	Dominance Test worksheet:					
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species					
				That Are OBL, FACW, or FAC: 0 (A)					
3				Total Number of Dominant Species Across All Strata: 1 (B)					
				Percent of Dominant Species (B)					
4.		= Total Cove		That Are OBL, FACW, or FAC:0(A/B)					
Sapling/Shrub Stratum (Plot size:)		. 510 5511							
1. none				Prevalence Index worksheet:					
2.				Total % Cover of: Multiply by:					
3.				OBL species1 x 1 =1					
4				FACW species 0 x 2 = 0					
5				FAC species 0 x 3 = 0					
		= Total Cove	er	FACU species 10 x 4 = 40					
Herb Stratum (Plot size:)				UPL species 0 x 5 = 0					
1. Plagiobothrys acanthocarpus	1	N	OBL	Column Totals:11 (A)41(B)					
2. Hordeum murinum	10	Y	FACU	Prevalence Index = B/A = 3.7					
3. 4.				Hydrophytic Vegetation Indicators:					
				Dominance Test is >50%					
6				Prevalence Index is ≤3.0¹					
7				Morphological Adaptations ¹ (Provide supporting					
8.				data in Remarks or on a separate sheet)					
	11	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)					
Woody Vine Stratum (Plot size:)									
1none				¹ Indicators of hydric soil and wetland hydrology must					
2.				be present, unless disturbed or problematic.					
		= Total Cove	er	Hydrophytic Vegetation					
	ver of Biotic			Present? Yes No x					
Remarks: Sample area is a vernal pool that receives rupredominance of hydrophytic vegetation. It does support									

SOIL Sampling Point: 4-WET____

Redox Features

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth

Matrix

(inches)	Color (moist)		Color (moist)	%	Type'	Loc ²	Texture	Remarks			
0-18	10YR 3/2	100					sandy clay	no redox			
	. 							· 			
-											
					_			·			
					- ——		· ———				
								-			
							·	·			
¹ Type: C=Co	ncentration, D=Depletion	on, RM=Reduce	d Matrix, CS=Covered	or Coated	d Sand Grain	s. ²	Location: PL=Pore	Lining, RC=Root Channel, M=Matrix.			
Hydric Soi	I Indicators: (Applic	able to all Li	RRs, unless other	wise note	ed.)		Indicators fo	or Problematic Hydric Soils³:			
Histoso	ol (A1)		Sandy R	edox (S5	5)		1 cm Mu	ck (A9) (LRR C)			
Histic E	pipedon (A2)		Stripped	Matrix (S	86)		2 cm Mu	ck (A10) (LRR B)			
Black H	listic (A3)		Loamy N	lucky Mir	neral (F1)		Reduced	Vertic (F18)			
Hydrog	en Sulfide (A4)		Loamy C	Sleyed Ma	atrix (F2)		Red Pare	ent Material (TF2)			
Stratifie	ed Layers (A5) (LRR	C)	Depleted	l Matrix (I	F3)		X Other (E:	xplain in Remarks)			
1 cm M	luck (A9) (LRR D)		Redox D	ark Surfa	ace (F6)						
Deplete	ed Below Dark Surfa	ce (A11)	Depleted	l Dark Sι	ırface (F7)						
Thick D	Oark Surface (A12)		Redox D	epressio	ns (F8)		³ Indicators of hydrophytic vegetation and				
Sandy	Mucky Mineral (S1)		Vernal P	ools (F9)			wetland h	ydrology must be present,			
Sandy	Gleyed Matrix (S4)						unless dis	sturbed or problematic.			
Restrictive	Layer (if present):										
Type:	_u, c. (p. ccc).										
Depth (inc	shos):						Hydric Soil Pres	ent? Yes No x			
Deptil (illic			_				Tryunc 3011 Fres	ent? Yes NoX			
Remarks: N	No hydric soil indicate	ors observed									
HYDROLO											
Wetland H	ydrology Indicators	: :					<u>Seco</u>	ndary Indicators (2 or more required)			
Primary Ind	licators (minimum of	one required;	check all that apply	/)			v	/ater Marks (B1) (Riverine)			
X Surface	e Water (A1)		Salt Crust	(B11)			Sediment Deposits (B2) (Riverine)				
	/ater Table (A2)		Biotic Cru	st (B12)			Drift Deposits (B3) (Riverine)				
	tion (A3)		Aquatic Ir		tes (B13)		Drainage Patterns (B10)				
	Marks (B1) (Nonrive	rine)	Hydrogen		, ,			ry-Season Water Table (C2)			
	ent Deposits (B2) (N o				eres along	Living Po		nin Muck Surface (C7)			
_		-		•	_	-	· · · —				
_	eposits (B3) (Nonrive	erine)			ced Iron (C	,		rayfish Burrows (C8)			
_	e Soil Cracks (B6)				tion in Tille	d Solls (C		aturation Visible on Aerial Imagery (C9)			
	tion Visible on Aerial	0 , ,			, ,			hallow Aquitard (D3)			
Water-	Stained Leaves (B9)		Other (Ex	plain in F	Remarks)		F	AC-Neutral Test (D5)			
Field Obser	rvations:										
		Yes x 1	No Depth (inch	nes).	0						
Water Table		Yes x 1			0	_					
Saturation F					0	— Motic	and Hudrology P	tracent? Voc V No			
	pillary fringe)	Yes <u>x</u> 1	No Depth (inch	les)	U	— wella	ind Hydrology P	resent? Yes X No			
•	corded Data (stream	gauge monit	oring well aerial ph	otos pre	vious inspe	ctions) if	available: n/a				
DOGGING I (C)	co. aca bata (ottoatti	gaage, monit	og won, aonai pri	5100, pie	TIOGO IIIOPE	5.101.13 <i>j</i> , 11.6	aranabio. Il/a				
Remarks: Ev	vidence of surface wa	ater present a	t the time of the del	ineation i	ndicates th	at the area	a ponds water an	d supports wetland hydrology.			
		•						,			
LIS Army Cor	rps of Engineers							Arid West – Version 2 0			

Project/Site: Southwest Village Specific Plan	Project/Site: Southwest Village Specific Plan City/County: San Diego, CA Sampling Date: April 4, 2018									
Applicant/Owner: Pardee Homes State: CA Sampling Point: 5										
Investigator(s): Beth Procsal, JR Sundberg Section, Township, Range: Section 31, T18S R01W										
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave Slope (%): 0-2						
Subregion (LRR): LRR-C	Lat: :	32.55943		Long: -117.01912 Datum: NAD83						
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl	opes			NWI classification: None						
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o(If no, explain in Remarks.)						
Are Vegetation X, Soil , or Hydrology _	signifi	icantly disturb	ed? Yes A	Are "Normal Circumstances" present? Yes X No						
Are Vegetation X, Soil , or Hydrology	X natura	ally problema	tic? Yes ((If needed, explain any answers in Remarks.)						
SUMMARY OF FINDINGS – Attach site map sh	SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.									
Hydrophytic Vegetation Present? Yes	No X	_ 1- 41	0	A						
Hydric Soil Present? Yes	No X		he Sampled <i>i</i> nin a Wetland	Yes No X						
Wetland Hydrology Present? Yes X	No	_ ****	iiii a wodaii	u .						
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and does not meet the wetland criteria.										
VEGETATION – Use scientific names of plants	i.									
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species						
1. none				That Are OBL, FACW, or FAC: 0 (A)						
2. 3.				Total Number of Dominant Species Across All Strata: 3 (B)						
4.				Percent of Dominant Species (B)						
4.		= Total Cove	ar	That Are OBL, FACW, or FAC: 0 (A/B)						
Sapling/Shrub Stratum (Plot size:)		- Total Oov	JI							
1. none				Prevalence Index worksheet:						
2.				Total % Cover of: Multiply by:						
3.				OBL species3 x 1 =1						
4.				FACW species1 x 2 =2						
5				FAC species 0 x 3 = 0						
		= Total Cove	er	FACU species16 x 4 =64						
Herb Stratum (Plot size:)				UPL species5 x 5 =25						
1. Plagiobothrys acanthocarpus	3	N	OBL	Column Totals:25						
2. Erodium cicutarium	5	Y	UPL_	Prevalence Index = B/A = 3.7						
3. Erodium botrys	5	Y	FACU							
4. Hordeum murinum	10	Y	FACU	Hydrophytic Vegetation Indicators:						
5. Psilocarphus brevissimus	1	N	FACU	Dominance Test is >50%						
6. Mesembryanthemum nodiflorum 7.		N	FACU	Prevalence Index is ≤3.0¹ Morphological Adaptations¹ (Provide supporting						
8.				data in Remarks or on a separate sheet)						
o	25	= Total Cov		Problematic Hydrophytic Vegetation ¹ (Explain)						
Woody Vine Stratum (Plot size:)		rotal oo		Troblematic Hydrophytic Vegetation (Explain)						
1. none				¹ Indicators of hydric soil and wetland hydrology must						
2.				be present, unless disturbed or problematic.						
		= Total Cove	er	Hydrophytic						
% Bare Ground in Herb Stratum75 % Cov	ver of Biotic	Crust		Vegetation Present? Yes No X						
				watershed. The vernal pool does not support hydrophytic						
vegetation. It does support two vernal pool plant indicate	or species (F	Plagiobothrys	acanthocarp	us and Psilocarphus brevissimus).						

SOIL Sampling Point: 5

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ıres		_					
(inches)	Color (moist)	<u></u> %	Color (moist)	%	Type ¹	Loc ²	Text	ure	Ren	narks		
							_					
							- ——					
¹ Type: C=Con	centration, D=Depletion,	RM=Reduced I	Matrix, CS=Covered	or Coated	Sand Grains	s. ²	Location: PL	=Pore Lining, I	RC=Root Chan	nel, M=Matrix.		
Hydric Soil	Indicators: (Applica	ble to all LRF	Rs, unless other	wise note	d.)		Indica	tors for Prob	lematic Hyd	ric Soils³:		
Histosol	(A1)		Sandv R	edox (S5))		1 0	cm Muck (A9	(LRR C)			
	oipedon (A2)			Matrix (S				cm Muck (A1				
Black Hi				∕lucky Min	-			educed Vertic				
	n Sulfide (A4)			Sleyed Ma								
	d Layers (A5) (LRR C)		d Matrix (F			Red Parent Material (TF2) Other (Explain in Remarks)					
	ick (A9) (LRR D)	,		ark Surfa	,			nor (Explain)	m remarks)			
	d Below Dark Surface	· (A11)		d Dark Su	` ,							
	ark Surface (A12)	(7(1)		epression			3Indica	tors of hydro	phytic vegetat	ion and		
	fucky Mineral (S1)			ools (F9)	13 (1 0)			-	gy must be pr			
	Gleyed Matrix (S4)		venian	0013 (1 3)				•	l or problemat			
Sandy C	neyed Matrix (04)						uiii	ess distalbed	or problema	iio.		
Restrictive L	ayer (if present):											
Type:			_									
Depth (incl	nes):		_				Hydric So	il Present?	Yes	No X		
			-									
	ne sampled area supp						t the hydro	phytic vegeta	ition standard	to be considered a		
welland. The	refore, no soil pit was	dug and nyui	ic soils are not co	nsidered	to be prese	:111						
HYDROLOG												
Wetland Hy	drology Indicators:							<u>Secondary</u>	Indicators (2	or more required)		
Primary Indi	cators (minimum of o	ne required; c	heck all that apply	/)				Water M	larks (B1) (Ri v	verine)		
Surface	Water (A1)		Salt Crust	t (B11)				Sedime	nt Deposits (B	2) (Riverine)		
—— High Wa	ater Table (A2)		Biotic Cru	st (B12)				Drift Der	oosits (B3) (R i	iverine)		
Saturation			Aquatic Ir		es (B13)				e Patterns (B	•		
	larks (B1) (Nonriveri	ne)	Hydrogen		` ,				son Water Ta	•		
					eres along l	Livina Do	oto (C2)					
_	nt Deposits (B2) (Nor	-			_	_	ois (C3)		ck Surface (C	•		
_	posits (B3) (Nonriver	ine)			ed Iron (C4	,			Burrows (C8)			
	Soil Cracks (B6)		Recent Ire	on Reduct	tion in Tilled	d Soils (C	6)	Saturation	on Visible on <i>i</i>	Aerial Imagery (C9)		
Inundati	on Visible on Aerial Ir	magery (B7)	Thin Muc	k Surface	(C7)			Shallow	Aquitard (D3))		
Water-S	tained Leaves (B9)		X Other (Ex	plain in R	emarks)			FAC-Ne	utral Test (D5	5)		
Field Observ	rational											
		N.	V Dandle (in al									
Surface Water			X Depth (incl			-						
Water Table			Depth (incl			–		_				
Saturation Pr		es No	Depth (incl	nes):		_ Wetla	and Hydro	logy Presen	t? Yes_	NoX		
(includes cap								,				
Describe Reco	orded Data (stream g	auge, monitor	ing well, aerial ph	otos, prev	ious inspec	ctions), if	available:	n/a				
Remarks: No	wetland hydrology in	dicators obser	ved									

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: March 19, 2018					
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 6-WET					
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	ange: Section 31, T18S R01W					
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat: 3	32.55948		Long: -117.01914 Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None					
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)					
Are Vegetation X, Soil , or Hydrology				· 					
				If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map sh									
Hydrophytic Vegetation Present? Yes	No x	_	na Camanlad	Area					
Hydric Soil Present? Yes	No x	15 11	ne Sampled <i>i</i> nin a Wetland	YAS NO Y					
Wetland Hydrology Present? Yes X	No	_ """							
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and does not meet the wetland criteria. VEGETATION – Use scientific names of plants.									
T 01 1 (D) 1	Absolute	Dominant	Indicator	Dominance Test worksheet:					
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species					
				That Are OBL, FACW, or FAC: 0 (A)					
3				Total Number of Dominant Species Across All Strata: 1 (B)					
				Percent of Dominant Species					
4.		= Total Cove	er	That Are OBL, FACW, or FAC:0 (A/B)					
Sapling/Shrub Stratum (Plot size:)									
1. none				Prevalence Index worksheet:					
2.				Total % Cover of: Multiply by:					
3				OBL species1 x 1 =1					
4				FACW species1 x 2 =2					
5				FAC species 0 x 3 = 0					
		= Total Cove	er	FACU species 12 x 4 = 48					
Herb Stratum (Plot size:)			E4 014/	UPL species $0 \times 5 = 0$					
1. Psilocarphus brevissimus	1	N	FACW	Column Totals:14 (A)51(B)					
2. Erodium botrys 3. Hordeum murinum	1	N 	FACU FACU	Prevalence Index = B/A = 3.6					
4. Mesembryanthemum nodiflorum	1	N	FACU	Hydrophytic Vegetation Indicators:					
5. Plagiobothrys acanthocarpus		N	OBL	Dominance Test is >50%					
				Prevalence Index is ≤3.01					
7.				Morphological Adaptations ¹ (Provide supporting					
8.				data in Remarks or on a separate sheet)					
	14	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)					
Woody Vine Stratum (Plot size:									
1. none				¹ Indicators of hydric soil and wetland hydrology must					
2.				be present, unless disturbed or problematic.					
	0	= Total Cove	er	Hydrophytic Vegetation					
	ver of Biotic	-	0	Present? Yes					
Remarks: Sample area is a vernal pool that receives rupredominance of hydrophytic vegetation. It does support acanthocarpus). Litter is present in basin.									

SOIL Sampling Point: 6-WET_

Redox Features

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth

Matrix

(inches)	Color (moist)	%	Color (moist)	%	Type	Loc ²	Texture	Remarks				
0-18	10YR 3/2	100					sandy clay					
	-											
				-								
							_					
¹ Type: C=Cd	oncentration, D=Depleti	on, RM=Reduce	ed Matrix, CS=Covered	or Coated	Sand Grain	s. ²	Location: PL=Po	re Lining, RC=Root Channel, M=Matrix.				
Hydric So	il Indicators: (Appli	cable to all L	RRs, unless other	wise note	ed.)		Indicators	for Problematic Hydric Soils ³ :				
Histoso	ol (A1)		Sandy R	edox (S5	5)		1 cm N	Muck (A9) (LRR C)				
Histic E	Epipedon (A2)		Stripped	Matrix (S	66)		2 cm N	Muck (A10) (LRR B)				
	Histic (A3)			-	neral (F1)			ed Vertic (F18)				
	gen Sulfide (A4)			Sleyed Ma				arent Material (TF2)				
	ed Layers (A5) (LRR	(C)		d Matrix (I				(Explain in Remarks)				
	fuck (A9) (LRR D)	,		ark Surfa								
	ed Below Dark Surfa	ce (A11)			ırface (F7)							
	Dark Surface (A12)	()		epressio			3Indicators	of hydrophytic vegetation and				
	Mucky Mineral (S1)			ools (F9)	, ,							
	Gleyed Matrix (S4)			0010 (1 0)				³ Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.				
							uriless.	distarsed or problematic.				
	Layer (if present):											
Type:												
Depth (in	ches):						Hydric Soil Pr	esent? Yes Nox_				
Domorko: r	no hydric soils obser	uod.										
rtcinants. i	io riyurio sons obser	vcu										
HYDROLO	GY											
		•					S-0-	andam Indicators (2 or more required)				
	lydrology Indicator						<u>36</u>	condary Indicators (2 or more required)				
	dicators (minimum of	one required						Water Marks (B1) (Riverine)				
X Surfac	e Water (A1)		Salt Crus	t (B11)			Sediment Deposits (B2) (Riverine)					
High W	Vater Table (A2)		Biotic Cru	st (B12)				Drift Deposits (B3) (Riverine)				
Satura	tion (A3)		Aquatic Ir	vertebra	tes (B13)		Drainage Patterns (B10)					
—— Water	Marks (B1) (Nonrive	erine)	Hydrogen	Sulfide (Odor (C1)		·	Dry-Season Water Table (C2)				
	ent Deposits (B2) (N				eres along	Livina Ro	ots (C3)	Thin Muck Surface (C7)				
	eposits (B3) (Nonriv	-		•	ced Iron (C4	-		Crayfish Burrows (C8)				
		ornio)			-	•		. ,				
	e Soil Cracks (B6)	/5-7			tion in Tille	u Solis (C	<u> </u>	Saturation Visible on Aerial Imagery (C9)				
	tion Visible on Aeria	0 , (·	Shallow Aquitard (D3)				
Water-	Stained Leaves (B9))	Other (Ex	plain in F	Remarks)			FAC-Neutral Test (D5)				
Field Obse	rvations:											
		Yes x	No Depth (inch	nes).	0							
Water Table		Yes x			0	-						
						— _\		Proceed Voc V No				
Saturation F		Yes x	No Depth (incl	ies):	0	_ vvetia	and Hydrology	Present? Yes X No				
	apillary fringe)	aguag moni	toring wall, parial ph	oton pro	vious inone	otiona) if	ovojloblo: n/o					
Describe Ke	corded Data (stream	ı yauye, moni	omy wen, aenai pri	otos, pre	vious irispe	cuons), II	avaliable. 11/a					
Remarks: E	vidence of surface w	ater present a	at the time of the del	ineation i	ndicates th	at the area	a ponds water	and supports wetland hydrology.				
		•					*	, , , , ,				
IIC Army C-	rps of Engineers							Arid West – Version 2.0				
U.S ARMV C.O.	us or Engineers							Arin West - Version 2.0				

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA	_Sampling Date:	March 19, 2018			
Applicant/Owner: Pardee Homes State: CA Sampling Point: 7									
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	tange: Section 31, T18S F	R01W				
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slop	e (%): <u>0-2</u>			
Subregion (LRR): LRR-C	Lat: :	32.55947		Long: <u>-117.01903</u>	Datun	n: <u>NAD83</u>			
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	slopes			NWI classification	on: None				
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	XNo	o(If no, explain in	Remarks.)				
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ed? Yes	Are "Normal Circumstance	es" present? Yes	XNo			
Are Vegetation, Soil, or Hydrology	natura	ally problema	tic? Yes	(If needed, explain any ans	swers in Remarks	i.)			
SUMMARY OF FINDINGS – Attach site map sl	nowing sa	mpling poi	nt locations	s, transects, importan	t features, etc.				
Hydrophytic Vegetation Present? Yes	No X								
Hydric Soil Present? Yes	No X		he Sampled . hin a Wetland	Yes	No X				
Wetland Hydrology Present? Yes X	No	WILL	iiii a vvetiaiii	u:					
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and does not meet the wetland criteria. VEGETATION – Use scientific names of plants.									
Table 1 and	Absolute	Dominant	Indicator	Dominance Test works	sheet:				
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Sp	pecies				
1. none				That Are OBL, FACW, o	or FAC:	(A)			
2. 3.				Total Number of Domina Species Across All Strat		(B)			
4.		= Total Cove		Percent of Dominant Sp That Are OBL, FACW, o		(A/B)			
Sapling/Shrub Stratum (Plot size:)		- Total Cove	ei						
1. none				Prevalence Index work	(sheet:				
2				Total % Cover of:	Multip				
3				OBL species	x 1 =				
4				FACW species	x 2 =				
5				FACIL analisa	x 3 =				
Llorb Stratum (Diet size)		= Total Cove	er	FACU species UPL species	x 4 =				
Herb Stratum (Plot size:)	1	N	FACW	Column Totals:	x 5 = (A)	(B)			
Spergularia bocconi	1	N	FACW	Column Totals.	(A)	(D)			
3. Hordeum murinum	1	N	FACU	Prevalence Inde	x = B/A =				
4.	<u> </u>			Hydrophytic Vegetatio	n Indicators:				
5				Dominance Test i					
6.				Prevalence Index					
7.				Morphological Ad		le supportina			
8.					ks or on a separa				
	3	= Total Cov	/er	Problematic Hydro	ophytic Vegetatio	n¹ (Explain)			
Woody Vine Stratum (Plot size:)									
1. <u>none</u> 2.				¹ Indicators of hydric so be present, unless dist					
	0	= Total Cove	er	Hydrophytic					
% Bare Ground in Herb Stratum97 % Cc	over of Biotic	Crust	0	Vegetation Present? Ye	esNo	<u> </u>			
Remarks: Sample area is a vernal pool that receives ruvegetation cover insufficient (less than 5%) to be considuegetation, it does support one vernal pool plant indicate	dered hydrop	hytic. While t	the sample ar	rea does not support a pre	domince of hydro	phytic			

SOIL Sampling Point: 7

	Color (moist)		Color (moist)	% Type¹	Loc ² T	exture	Remarks
			d Matrix, CS=Covered		ains. ² Location	: PL=Pore Lining	RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (App	licable to all LF	RRs, unless other	wise noted.)	Ind	icators for Pro	blematic Hydric Soils ³ :
Histosol	` '			Redox (S5)		1 cm Muck (A	
	pipedon (A2)			Matrix (S6)	<u> </u>	2 cm Muck (A	* * * * * * * * * * * * * * * * * * * *
	istic (A3)			Mucky Mineral (F1		Reduced Vert	• •
	en Sulfide (A4)	D 0)		Gleyed Matrix (F2)		Red Parent M	
	d Layers (A5) (LR uck (A9) (LRR D)	RC)		d Matrix (F3) Dark Surface (F6)		Other (Explain	in Remarks)
	d Below Dark Sur	face (A11)		d Dark Surface (F6)	7)		
	ark Surface (A12)			Depressions (F8)	•	dicators of hydro	ophytic vegetation and
	лиску Mineral (S1			Pools (F9)		•	ogy must be present,
	Gleyed Matrix (S4)	•		(. 0)		•	ed or problematic.
_	Layer (if present)):					
Type:			_				
Depth (inch	nes):		_		Hydric	Soil Present?	Yes No <u>X</u>
	ay .						
YDROLOG							
YDROLOG Wetland Hy	drology Indicate	ors:				Secondar	/ Indicators (2 or more require
Wetland Hy	drology Indicate		check all that apply	у)			y Indicators (2 or more require Marks (B1) (Riverine)
Wetland Hy Primary Indi	drology Indicate		check all that appl			Water	
Wetland Hy Primary Indi	drology Indicatoricators (minimum			t (B11)		Water	Marks (B1) (Riverine)
Wetland Hy Primary Indi	rdrology Indicatoricators (minimum Water (A1) ater Table (A2)		Salt Crus Biotic Cru	t (B11)		Water Sedime Drift De	Marks (B1) (Riverine) ent Deposits (B2) (Riverine)
Wetland Hy Primary Indi Surface High Wa Saturation	rdrology Indicatoricators (minimum Water (A1) ater Table (A2)	of one required;	Salt Crus Biotic Cru Aquatic Ir	t (B11) ıst (B12)		Water Sedime Drift De	Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine)
Wetland Hy Primary India Surface High Wa Saturatia Water M	vdrology Indicator icators (minimum Water (A1) ater Table (A2) on (A3)	of one required; verine)	Salt Crus Biotic Cru Aquatic Ir Hydroger	t (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1		Water Sedimo Drift Do Draina Dry-Se	Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimel	rdrology Indicator icators (minimum Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonri	of one required; verine) Nonriverine)	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized	t (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1) ng Living Roots (C3	Water Sedime Drift De Draina Dry-Se Thin M	ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimer Drift De	rdrology Indicator icators (minimum Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrint nt Deposits (B2) (of one required; verine) Nonriverine)	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence	t (B11) ist (B12) overtebrates (B13) o Sulfide Odor (C1 Rhizospheres alo) ng Living Roots (C3 (C4)	Water Sedime Drift De Draina Dry-Se Thin M Crayfis	Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) h Burrows (C8)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimel Drift Del X Surface	rdrology Indicator cators (minimum Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrin nt Deposits (B2) (posits (B3) (Nonri	of one required; verine) Nonriverine) iverine)	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir	t (B11) list (B12) nvertebrates (B13) n Sulfide Odor (C1 Rhizospheres alor e of Reduced Iron) ng Living Roots (C3 (C4)	Water Sedime Drift De Draina Dry-Se Thin M Crayfis Satura	Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) h Burrows (C8)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimel Drift Dep X Surface Inundati	rdrology Indicator cators (minimum Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrint Soil Cracks (B6)	of one required; verine) Nonriverine) iverine) ial Imagery (B7)	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir	t (B11) ust (B12) uvertebrates (B13) u Sulfide Odor (C1 Rhizospheres alou u of Reduced Iron on Reduction in Ti) ng Living Roots (C3 (C4) Iled Soils (C6)	Water Sedime Drift De Draina Dry-Se Thin M Crayfis Satura Shallou	Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) h Burrows (C8) tion Visible on Aerial Imagery (C8)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimel Drift Dep X Surface Inundati Water-S	rdrology Indicator (minimum water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonris Soil Cracks (B6) ion Visible on Aeristained Leaves (Bayations:	verine) Nonriverine) iverine) ial Imagery (B7)	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1 Rhizospheres aloue of Reduced Iron on Reduction in Tick Surface (C7) explain in Remarks)) ng Living Roots (C3 (C4) Iled Soils (C6)	Water Sedime Drift De Draina Dry-Se Thin M Crayfis Satura Shallou	Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) h Burrows (C8) tion Visible on Aerial Imagery (C8) v Aquitard (D3)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimen Drift Dep X Surface Inundatia Water-S Field Observious	rdrology Indicator (minimum value (A1) ater Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonriscold Cracks (B6) ion Visible on Aeristained Leaves (Bivations: er Present?	verine) Nonriverine) iverine) ial Imagery (B7) 9)	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1) Rhizospheres alone of Reduced Iron from Reduction in Tick Surface (C7) Explain in Remarks) Intended Intended Iron (Reduction) Intended Iron () ng Living Roots (C3 (C4) Iled Soils (C6)	Water Sedime Drift De Draina Dry-Se Thin M Crayfis Satura Shallou	Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) h Burrows (C8) tion Visible on Aerial Imagery (C8) v Aquitard (D3)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimel Drift Del X Surface Inundati Water-S Field Observ Surface Water Table	rdrology Indicator (minimum value (A1) ater Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (Nonrint Deposits (B3) (Nonrint Cacks (B6) ion Visible on Aer Stained Leaves (Bayations: er Present?	verine) Nonriverine) iverine) ial Imagery (B7) 9) Yes N	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1 Rhizospheres aloue of Reduced Iron Ion Reduction in Tick Surface (C7) Isplain in Remarks) Inhes):) ng Living Roots (C3 (C4) Illed Soils (C6)	Water Sedime Drift De Draina Dry-Se Thin M Crayfis Satura Shallov FAC-N	Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) h Burrows (C8) tion Visible on Aerial Imagery (C9 v Aquitard (D3) eutral Test (D5)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimel Drift Del X Surface Inundati Water-S Field Observ Surface Water Vater Table Saturation Pr	rdrology Indicator (minimum value (A1) ater Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrint Cracks (B6) ion Visible on Aeristained Leaves (Bayations: er Present? Present?	verine) Nonriverine) iverine) ial Imagery (B7) 9) Yes N	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1 Rhizospheres aloue of Reduced Iron Ion Reduction in Tick Surface (C7) Isplain in Remarks) Inhes):) ng Living Roots (C3 (C4) Illed Soils (C6)	Water Sedime Drift De Draina Dry-Se Thin M Crayfis Satura Shallou	Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) h Burrows (C8) tion Visible on Aerial Imagery (C9 v Aquitard (D3) eutral Test (D5)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimel Drift Del X Surface Inundati Water-S Field Observ Surface Water Vater Table Saturation Princludes cap	rdrology Indicator (minimum value (A1) ater Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (Nonrint Deposits (B3) (Nonrint Carlos (B6) ion Visible on Aer Stained Leaves (Bayations: er Present? Present? present?	verine) Nonriverine) iverine) ial Imagery (B7) 9) Yes N Yes N	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1 Rhizospheres alore of Reduced Iron on Reduction in Ti k Surface (C7) uplain in Remarks) hes): hes):) ng Living Roots (C3 (C4) Illed Soils (C6)	Water Sedime Drift De Draina Dry-Se Thin M Crayfis Satura Shallov FAC-N	Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) h Burrows (C8) tion Visible on Aerial Imagery (C9) v Aquitard (D3) eutral Test (D5)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimel Drift Del X Surface Inundati Water-S Field Observ Surface Water Vater Table Saturation Princludes cap	rdrology Indicator (minimum value (A1) ater Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (Nonrint Deposits (B3) (Nonrint Carlos (B6) ion Visible on Aer Stained Leaves (Bayations: er Present? Present? present?	verine) Nonriverine) iverine) ial Imagery (B7) 9) Yes N Yes N	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1 Rhizospheres alore of Reduced Iron on Reduction in Ti k Surface (C7) uplain in Remarks) hes): hes):) ng Living Roots (C3 (C4) Illed Soils (C6) Wetland Hyd	Water Sedime Drift De Draina Dry-Se Thin M Crayfis Satura Shallov FAC-N	Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) h Burrows (C8) tion Visible on Aerial Imagery (C9) v Aquitard (D3) eutral Test (D5)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimer Drift Der X Surface Inundatia Water-S Field Observ Surface Water Vater Table Saturation Princludes cap escribe Reco	rdrology Indicator (minimum value (A1) ater Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrisoli Cracks (B6) ion Visible on Aeristained Leaves (Bistained Leaves (Bistai	verine) Nonriverine) iverine) ial Imagery (B7) 9) Yes N Yes N The gauge, moniton	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex No X Depth (incl No Depth (incl pring well, aerial phent at the time of the	t (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1 Rhizospheres alone In Greduced Iron In Reduction in Til It k Surface (C7) It splain in Remarks) Ines): Ines): Ines): Ines): Ineson In Remarks Ineson In Remarks Ineson In Remarks Ineson In Remarks Interoperation In Interoperation Interoperation In Interoperation Interoperation In Interoperation Interoperation In Interoperation Interope	ng Living Roots (C3 (C4) (C4) (C6) (C6) (C6) (C6) (Metland Hydropections), if available	Water Sedime Drift De Draina Dry-Se Thin M Crayfis Satura Shallo FAC-N drology Prese	Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) h Burrows (C8) tion Visible on Aerial Imagery (C9 v Aquitard (D3) eutral Test (D5)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimer Drift Der X Surface Inundatia Water-S Field Observ Surface Water Vater Table Saturation Princludes cap escribe Reco	rdrology Indicator (minimum value (A1) ater Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrisoli Cracks (B6) ion Visible on Aeristained Leaves (Bistained Leaves (Bistai	verine) Nonriverine) iverine) ial Imagery (B7) 9) Yes N Yes N The gauge, moniton	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent In Thin Muc Other (Ex	t (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1 Rhizospheres alone In Greduced Iron In Reduction in Til It k Surface (C7) It splain in Remarks) Ines): Ines): Ines): Ines): Ineson In Remarks Ineson In Remarks Ineson In Remarks Ineson In Remarks Interoperation In Interoperation Interoperation In Interoperation Interoperation In Interoperation Interoperation In Interoperation Interope	ng Living Roots (C3 (C4) (C4) (C6) (C6) (C6) (C6) (Metland Hydropections), if available	Water Sedime Drift De Draina Dry-Se Thin M Crayfis Satura Shallo FAC-N drology Prese	Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) h Burrows (C8) tion Visible on Aerial Imagery (C9 v Aquitard (D3) eutral Test (D5)

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: April 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 9-WET
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55922		Long: -117.01905 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology			·	
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
SUMMART OF FINDINGS - Attach site map si	lowing Sai	inpling poli	iit iocations	s, transects, important leatures, etc.
Hydrophytic Vegetation Present? Yes	No x	_	ne Sampled	Aroa
	_Nox		nin a Wetlan	YAS NO Y
Wetland Hydrology Present? Yes X	_No	_		
Remarks: The majority of the vegetation on the site ha	ıs been distı	urbed due to	past land use	s. This feature was sampled during the growing season and
does not meet the wetland criteria.				
VECETATION III a seigntiffe general of glouds				
VEGETATION – Use scientific names of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species
1. <u>none</u>				That Are OBL, FACW, or FAC: (A)
2				Total Number of Dominant
3				Species Across All Strata: 1 (B)
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)
		= Total Cove	er	(*12)
Sapling/Shrub Stratum (Plot size:)				
1. <u>none</u> 2.				Prevalence Index worksheet: Total % Cover of: Multiply by:
				OBL species 1 x 1 = 1
				FACW species 2 x 2 = 4
				FAC species 0 x 3 = 0
ő		= Total Cove	 er	FACU species 10 x 4 = 40
Herb Stratum (Plot size:)				UPL species 1 x 5 = 5
1. Hordeum murinum	10	Υ	FACU	Column Totals:15 (A)50(B)
2. Spergularia bocconi	1	N	FACW	Prevalence Index = B/A = 10
3. Chrysanthemum coronarium	2	N	UPL	1 Tevalence index – B/A – 10
4. Psilocarphus brevissimus	1	N	FACW	Hydrophytic Vegetation Indicators:
5. Plagiobothrys acanthocarpus	1	N	OBL	Dominance Test is >50%
6				Prevalence Index is ≤3.0¹
7				Morphological Adaptations¹ (Provide supporting
8				data in Remarks or on a separate sheet)
	15	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				
1. none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2				<u> </u>
		= Total Cove	er	Hydrophytic Vegetation
% Bare Ground in Herb Stratum 85 % Co	ver of Biotic	Crust		Present? Yes No x
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro	-watershed. While the sample area does not support a
predominance of hydrophytic vegetation, it does suppor				
brevissimus).				
T .				

SOIL Sampling Point: 9-WET

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Re	dox Features				
(IIICIICS)	Color (moist)	%	Color (moist)		ype ¹ Loc ²	Textu	re	Remarks
0-18	10YR 5/2					sandy cla	ay no	redox
¹ Type: C=Cor	ncentration, D=Depletion,	RM=Reduced	Matrix. CS=Covered	or Coated San	d Grains.	² Location: PL:	Pore Linin	g, RC=Root Channel, M=Matrix.
	Indicators: (Applica							oblematic Hydric Soils ³ :
Histosol				Redox (S5)				49) (LRR C)
	pipedon (A2)			Matrix (S6)				A10) (LRR B)
	istic (A3)			∕lucky Mineral	(F1)		duced Ver	
	en Sulfide (A4)			Sleyed Matrix				Material (TF2)
_ · ·	d Layers (A5) (LRR C)		d Matrix (F3)	,			in in Remarks)
	uck (A9) (LRR D)			ark Surface (F6)		· •	•
	d Below Dark Surface	(A11)	Depleted	d Dark Surfac	e (F7)			
	ark Surface (A12)		Redox D	epressions (F	- 8)	³ Indicat	ors of hyd	rophytic vegetation and
Sandy N	/lucky Mineral (S1)		Vernal F	ools (F9)		wetl	and hydro	ology must be present,
Sandy G	Gleyed Matrix (S4)					unle	ess disturb	ed or problematic.
Restrictive L	Layer (if present):							
Type:								
Depth (incl	hes).		-			Hydric Soi	I Present?	Yes No x
	o hydric soil indicators		-			Tiyano coi	11 1000111.	
LIVEROL OG	av.							
HYDROLOG								
_	drology Indicators:						-	ry Indicators (2 or more required
	cators (minimum of o	ne required; c	hack all that annly				Water	Marks (B1) (Riverine)
X Surface	\\/atar (\(\) 1\							
			Salt Crus	t (B11)		·	Sedin	nent Deposits (B2) (Riverine)
	ater Table (A2)		Salt Crus Biotic Cru	t (B11) st (B12)		·	Sedin Drift [Deposits (B3) (Riverine)
	ater Table (A2)		Salt Crus Biotic Cru	t (B11)	313)	·	Sedin Drift [
High Wa	ater Table (A2)	ne)	Salt Crus Biotic Cru Aquatic Ir	t (B11) st (B12)	,		Sedin Drift D	Deposits (B3) (Riverine)
High Wa Saturati	ater Table (A2) on (A3)	•	Salt Crus Biotic Cru Aquatic Ir Hydroger	t (B11) ist (B12) invertebrates (l i Sulfide Odor	,		Sedin Drift Draina Dry-S	Deposits (B3) (Riverine) age Patterns (B10)
High Wa Saturati Water M Sedime	ater Table (A2) on (A3) ⁄/arks (B1) (Nonriveri	riverine)	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized	t (B11) ist (B12) invertebrates (l i Sulfide Odor	(C1) along Living F	Roots (C3)	Sedin Drift E Drain: Dry-S Thin M	Deposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2)
High Wassaturati Saturati Water M Sedime	ater Table (A2) on (A3) Marks (B1) (Nonriveri nt Deposits (B2) (Nor	riverine)	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence	t (B11) ust (B12) nvertebrates (land Sulfide Odor Rhizospheres of Reduced I	(C1) along Living F		Sedin Drift E Drain: Dry-S Thin N	Deposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) Muck Surface (C7)
High Wa Saturati Water N Sedime Drift De	ater Table (A2) on (A3) Marks (B1) (Nonriveri nt Deposits (B2) (Nor posits (B3) (Nonriver	iriverine)	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir	t (B11) ust (B12) nvertebrates (land Sulfide Odor Rhizospheres of Reduced I	(C1) along Living F ron (C4) in Tilled Soils (Sedin Drift E Drain: Dry-S Thin N Crayfi Satur	Deposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) Muck Surface (C7) sh Burrows (C8)
High Wa Saturati Water N Sedimel Drift Del Surface Inundati	ater Table (A2) on (A3) Marks (B1) (Nonriveri nt Deposits (B2) (Nor posits (B3) (Nonriver Soil Cracks (B6)	iriverine)	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc	t (B11) ust (B12) uvertebrates (land) u Sulfide Odor Rhizospheres u of Reduced I uon Reduction	(C1) along Living F ron (C4) in Tilled Soils (Sedin Drift E Drain: Dry-S Thin N Crayfi Satura	Deposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) Muck Surface (C7) sh Burrows (C8) ation Visible on Aerial Imagery (C9
High Wa Saturati Water M Sedime Drift De Surface Inundati Water-S	ater Table (A2) on (A3) Marks (B1) (Nonriveri nt Deposits (B2) (Nor posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial Ir Stained Leaves (B9)	iriverine)	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc	t (B11) ust (B12) nvertebrates (land) Sulfide Odor Rhizospheres of Reduced I on Reduction k Surface (C7	(C1) along Living F ron (C4) in Tilled Soils (Sedin Drift E Drain: Dry-S Thin N Crayfi Satura	Deposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) Muck Surface (C7) sh Burrows (C8) ation Visible on Aerial Imagery (CS ow Aquitard (D3)
High Wa Saturati Water M Sedime Drift De Surface Inundati Water-S	ater Table (A2) on (A3) Marks (B1) (Nonriveri nt Deposits (B2) (Nor posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial In Stained Leaves (B9) vations:	nriverine) ine) magery (B7)	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrates (land) Sulfide Odor Rhizospheres of Reduced I con Reduction k Surface (C7 cuplain in Remand	(C1) along Living F ron (C4) in Tilled Soils (Sedin Drift E Drain: Dry-S Thin N Crayfi Satura	Deposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) Muck Surface (C7) sh Burrows (C8) ation Visible on Aerial Imagery (CS ow Aquitard (D3)
High Wa Saturati Water M Sedimer Drift De Surface Inundati Water-S Field Observ Surface Water	ater Table (A2) on (A3) Marks (B1) (Nonriveri nt Deposits (B2) (Nor posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial In Stained Leaves (B9) vations: er Present?	nriverine) ine) magery (B7) es <u>x</u> No	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) list (B12) nvertebrates (land Sulfide Odor Rhizospheres of Reduced I con Reduction k Surface (C7 cplain in Remandes):	(C1) along Living F ron (C4) in Tilled Soils () urks)		Sedin Drift E Drain: Dry-S Thin N Crayfi Satura	Deposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) Muck Surface (C7) sh Burrows (C8) ation Visible on Aerial Imagery (CS ow Aquitard (D3)
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Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: March 4, 2018					
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 10					
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W					
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat: 3	32.55905		Long: -117.01913 Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: Freshwater Emergent Wetland					
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)					
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ed? Yes	Are "Normal Circumstances" present? Yes X No					
Are Vegetation , Soil , or Hydrology	natura	ally problemat	tic? Yes ((If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poi	nt locations	s, transects, important features, etc.					
Hydrophytic Vegetation Present? Yes	No X								
Hydric Soil Present? Yes	No X	ıs u	ne Sampled <i>i</i> nin a Wetland	YAS NO X					
Wetland Hydrology Present? Yes X	No	witi	iii a vveudiii	ur ———					
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and does not meet the wetland criteria.									
VEGETATION – Use scientific names of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:					
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species					
1. <u>none</u>				That Are OBL, FACW, or FAC:1(A)					
2. 3.				Total Number of Dominant Species Across All Strata:					
				Percent of Dominant Species (B)					
*		= Total Cove		That Are OBL, FACW, or FAC: 50% (A/B)					
Sapling/Shrub Stratum (Plot size:)		rotal Gove	21						
1. none				Prevalence Index worksheet:					
2.				Total % Cover of: Multiply by:					
3.				OBL species1 x 1 =1					
4.				FACW species 3 x 2 = 6					
5				FAC species 0 x 3 = 0					
		= Total Cove	er	FACU species 7 x 4 = 28					
Herb Stratum (Plot size:)				UPL species 2 x 5 = 10					
1. Psilocarphus brevissimus	3	Y	FACW	Column Totals:13(A)45(B)					
2. Chrysanthemum coronarium	1	N	UPL_	Prevalence Index = B/A = 3.5					
3. Plagiobothrys acanthocarpus	1	N	OBL	Hadronia de Manadador Indiada do					
Senecio vulgaris Hordeum murinum		N	FACU FACU	Hydrophytic Vegetation Indicators:					
6. Bromus madritensis	1	N	UPL	Dominance Test is >50% Prevalence Index is ≤3.0¹					
7. Bromus hordeaceus		Y	FACU	Morphological Adaptations ¹ (Provide supporting					
8.				data in Remarks or on a separate sheet)					
<u> </u>	13	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)					
Woody Vine Stratum (Plot size:		10101 001		Troblematic riyuropriytic vegetation (Explain)					
1. none				¹ Indicators of hydric soil and wetland hydrology must					
2.				be present, unless disturbed or problematic.					
	0	= Total Cove	er	Hydrophytic					
% Bare Ground in Herb Stratum87	ver of Biotic	Crust	0	Vegetation Present? Yes NoX					
Remarks: Sample area is a vernal pool that receives ru									
predomince of hydrophytic vegetation, it does support to acanthocarpus). Leaf litter is present within vernal pool.		ool plant indic	ator species ((Psilocarphus brevissimus and Plagiobothrys					

SOIL Sampling Point: 10

(inches)	Matrix			lox Features		_	
(IIICIIC3)	Color (moist)	%	Color (moist)	% Тур	e ¹ Loc ²	Texture	Remarks
						_	
						_	
¹ Type: C=Cor	ncentration, D=Depletion	, RM=Reduced	d Matrix, CS=Covered	or Coated Sand	Grains.	² Location: PL=Po	ore Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applica	able to all LR	Rs, unless otherw	rise noted.)		Indicators	s for Problematic Hydric Soils ³ :
Histosol	I (A1)		Sandy Re	edox (S5)		1 cm	Muck (A9) (LRR C)
	pipedon (A2)			Matrix (S6)			Muck (A10) (LRR B)
_	istic (A3)		Loamy M	ucky Mineral (F	- 1)		ced Vertic (F18)
	en Sulfide (A4)			leyed Matrix (F	•	Red F	Parent Material (TF2)
	d Layers (A5) (LRR C	>)		Matrix (F3)	•	Other	(Explain in Remarks)
1 cm Mı	uck (A9) (LRR D)		Redox Da	ark Surface (F6	5)		
Deplete	d Below Dark Surface	e (A11)	Depleted	Dark Surface (F7)		
Thick Da	ark Surface (A12)		Redox De	epressions (F8)	3Indicators	s of hydrophytic vegetation and
Sandy N	Mucky Mineral (S1)		Vernal Po	ools (F9)		wetlan	d hydrology must be present,
Sandy 0	Gleyed Matrix (S4)					unless	disturbed or problematic.
Restrictive	Layer (if present):						
Type:							
Depth (incl			_			Hydric Soil P	resent? Yes No X
			_			'	
	erefore, no soil pit was					et the hydrophy	tic vegetation standard to be considered
wetland. The	erefore, no soil pit was					et the hydrophy	tic vegetation standard to be considered
wetland. The	erefore, no soil pit was	s dug and hyd					
wetland. The	erefore, no soil pit was GY /drology Indicators:	s dug and hyd	dric soils are not cor	nsidered to be			econdary Indicators (2 or more require
Wetland. The HYDROLOG Wetland Hy Primary Indi	erefore, no soil pit was GY /drology Indicators: icators (minimum of c	s dug and hyd	dric soils are not cor	nsidered to be			econdary Indicators (2 or more require _ Water Marks (B1) (Riverine)
HYDROLOG Wetland Hy Primary Indi Surface	GY /drology Indicators: icators (minimum of o	s dug and hyd	dric soils are not con	nsidered to be			econdary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
HYDROLOG Wetland Hy Primary Indi Surface	erefore, no soil pit was GY /drology Indicators: icators (minimum of c	s dug and hyd	dric soils are not cor	nsidered to be			econdary Indicators (2 or more require _ Water Marks (B1) (Riverine)
HYDROLOG Wetland Hy Primary Indi Surface	GY /drology Indicators: icators (minimum of of the Water (A1) ater Table (A2)	s dug and hyd	check all that apply Salt Crust Biotic Crus	nsidered to be	oresent.		econdary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
HYDROLOG Wetland Hy Primary Indi Surface High Wa	GY /drology Indicators: icators (minimum of of the Water (A1) ater Table (A2)	s dug and hyd	check all that apply Salt Crust Biotic Crust Aquatic In) (B11) st (B12)	3)		econdary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
HYDROLOG Wetland Hy Primary Indi Surface High Water M	GY /drology Indicators: icators (minimum of of Water (A1) ater Table (A2) ion (A3)	one required;	check all that apply Salt Crust Biotic Crus Aquatic In) (B11) st (B12) vertebrates (B1	3) C1)	<u>Se</u>	econdary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
HYDROLOG Wetland Hy Primary Indi Surface High W: Saturati Water M Sedime	GY /drology Indicators: icators (minimum of of the Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver)	one required; one ine)	check all that apply Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F) (B11) st (B12) vertebrates (B1 Sulfide Odor (G	3) C1) Iong Living R	<u>Se</u>	water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
HYDROLOG Wetland Hy Primary Indi Surface High Water M Sedime Drift De	GY /drology Indicators: icators (minimum of of the Water (A1) ater Table (A2) ion (A3) //drks (B1) (Nonriverient Deposits (B2) (Noriverient Deposits (B2) (B2) (Noriverient Deposits (B2) (B2) (B2) (B2) (B2) (B2) (B2) (B2)	one required; one ine)	check all that apply Salt Crust Biotic Crus Aquatic In Hydrogen Oxidized F) (B11) st (B12) vertebrates (B1 Sulfide Odor (C	3) C1) long Living Ron (C4)	Se	econdary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
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HYDROLOG Wetland Hy Primary Indi Surface High Water N Sedime Drift De X Surface Inundat	GY /drology Indicators: icators (minimum of of the Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriverient Deposits (B2) (Nonriveries Soil Cracks (B6)	one required; one ine) riverine)	check all that apply Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Iro Thin Muck	(B11) st (B12) vertebrates (B1 Sulfide Odor (CR Rhizospheres a of Reduced Iro n Reduction in	3) C1) long Living Ron (C4) Tilled Soils (C	Se	econdary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C
HYDROLOG Wetland Hy Primary Indi Surface High Water M Sedime Drift De X Surface Inundat Water-S	GY /drology Indicators: icators (minimum of of the Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriverient Deposits (B2) (Nonriverient Deposits (B3) (Nonriverient Deposits (B6) ion Visible on Aerial II Stained Leaves (B9)	one required; one ine) riverine)	check all that apply Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Iro Thin Muck	(B11) st (B12) vertebrates (B1 Sulfide Odor (C Rhizospheres a of Reduced Iro n Reduction in Surface (C7)	3) C1) long Living Ron (C4) Tilled Soils (C	Se	econdary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Ca) Shallow Aquitard (D3)
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Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 11-WET
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		 Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	 32.55897	•	Long: -117.01904 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	-	year? Yes	X No	(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology			· <u></u>	·
Are Vegetation X, Soil , or Hydrology				· · · · · · · · · · · · · · · · · · ·
				
SUMMARY OF FINDINGS – Attach site map sh	lowing sa	mpling poli	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			_
Hydric Soil Present? Yes	No X	is u	ne Sampled <i>i</i> nin a Wetland	YAS NO Y
Wetland Hydrology Present? Yes X	No		iiii a vvetiaiii	u:
Remarks: The majority of the vegetation on the site ha	ıs been distı	urbed due to	past land use	s. This feature was sampled during the growing season and
does not meet the wetland criteria.		'	•	1 3 3 3
VEGETATION – Use scientific names of plants		<u> </u>	1 12 1	Development Test was desheart.
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none				Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 2 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC:50(A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species 1 x 1 = 1
4				FAC species 4 x 2 = 8
5				FAC species 0 x 3 = 0 FACU species 8 x 4 = 32
Herb Stratum (Plot size:)		= Total Cove	er	UPL species 0 x 5 = 0
1. Hordeum murinum	5	Υ	FACU	Column Totals: 13 (A) 41 (B)
2. Psilocarphus brevissimus		Y	FACW	(2)
3. Erodium botrys	1	N	FACU	Prevalence Index = B/A = 3.1
4. Senecio vulgaris	1	N	FACU	Hydrophytic Vegetation Indicators:
5. Plantago elongata	1	N	FACW	Dominance Test is >50%
6. Plagiobothrys acanthocarpus	1	N	OBL	Prevalence Index is ≤3.0¹
7. Spergularia bocconi	1	N	FACW	Morphological Adaptations ¹ (Provide supporting
8. Bromus hordeaceus	1	N	FACU	data in Remarks or on a separate sheet)
	13	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				
1. none				¹ Indicators of hydric soil and wetland hydrology must
2				be present, unless disturbed or problematic.
	0	= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 87 % Co	ver of Biotic	Cruct	0	Vegetation Present? Yes No X
			0	
Remarks: Sample area is a vernal pool that receives rupredomince of hydrophytic vegetation. It does support the				
Plagiobothrys acanthocarpus).	22 70/1101	PIGITE III W	opooio	- (sa. pa s. c sa. mag, r lantage olongata, and

SOIL Sampling Point: 11-WET_

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			Red	dox Featu	1162		_				
inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	e		Remarks	;
)-18	10YR 4/3	100						sandy clay	/ r	no redox		
			-									
	• "											
Type: C=Co	ncentration, D=Depletion	n. RM=Redu	ced Matrix. (CS=Covered	or Coated	Sand Grain	s. 2	ocation: PL=I	Pore Lin	ina. RC=Ro	ot Channel, M	=Matrix.
, ,	I Indicators: (Appli	•									ic Hydric S	
Histoso			,		edox (S5)					(A9) (LRR	•	
	Epipedon (A2)				Matrix (S					(A10) (LR	•	
	Histic (A3)		_		lucky Min	,				ertic (F18)	-	
	en Sulfide (A4)				Bleyed Ma					Material (
	ed Layers (A5) (LRR	C)			l Matrix (F					ain in Ren		
	luck (A9) (LRR D)	-,			ark Surfa	,			. (,	
	ed Below Dark Surfa	ce (A11)		_		rface (F7)						
	ark Surface (A12)	, ,			epression			³ Indicato	rs of hy	drophytic	vegetation a	nd
Sandy	Mucky Mineral (S1)			_ Vernal P		, ,		wetla	and hyd	rology mu	st be presen	t,
Sandy	Gleyed Matrix (S4)							unles	ss distu	rbed or pro	oblematic.	
Postrictivo	Layer (if present):											
Type:	Layer (ii present).											
								Lludaia Cail	_	40 V-	_	NI
Depth (inc	ches):							Hydric Soil	Presen	t? Ye		No x
Depth (inc	ches):	ors observed	<u> </u>					Hydric Soil	Presen	i? Ye		NO X
Depth (inc	No hydric soil indicate	ors observed	d					nyunc son	Presen	i? Ye	<u> </u>	NO X
Depth (inc	No hydric soil indicate		d									
Depth (inc Remarks: N YDROLO Wetland H	No hydric soil indicate GY ydrology Indicators	s:							Second	ary Indica	ntors (2 or n	nore require
Depth (inc Remarks: N YDROLO Wetland H Primary Ind	GY ydrology Indicators dicators (minimum of	s:							Second Wat	ary Indica er Marks (utors (2 or n B1) (Riverin	nore require
Depth (inc Remarks: N YDROLO Wetland H Primary Ind	No hydric soil indicate GY ydrology Indicators	s:		I that apply Salt Crust					Second Wat	ary Indica er Marks (ntors (2 or n	nore require
Primary Industria	GY ydrology Indicators dicators (minimum of	s:			(B11)				Sed	ary Indica er Marks (iment Dep	utors (2 or n B1) (Riverin	nore require e) iiverine)
YDROLO Wetland H Primary Ind Surface High W Satural	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3)	s: one require		Salt Crust	(B11) st (B12)	es (B13)			Second Wat Sed Drift	ary Indica er Marks (iment Dep Deposits nage Patte	ntors (2 or m B1) (Riverin osits (B2) (R (B3) (Riverin erns (B10)	nore require e) iverine) ne)
YDROLO Wetland H Primary Ind Surface High W Satural	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2)	s: one require		Salt Crust Biotic Crus	: (B11) st (B12) ivertebrate	, ,			Second Wat Sed Drift	ary Indica er Marks (iment Dep Deposits nage Patte	ntors (2 or n B1) (Riverin osits (B2) (R (B3) (Riverin	nore require e) iverine) ne)
YDROLO Wetland H Primary Ind Surface High W Saturat Water I	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3)	s: one require	ed; check al	Salt Crust Biotic Crust Aquatic In Hydrogen	t (B11) st (B12) overtebrate Sulfide C	, ,	Living Ro	<u>§</u>	Second Wate Sed Drift Drai	ary Indica er Marks (iment Dep Deposits nage Patte	ntors (2 or n B1) (Riverin osits (B2) (R (B3) (Riverin erns (B10) /ater Table (nore require e) iverine) ne)
YDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive	s: one require erine) onriverine)	ed; check al	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F	: (B11) st (B12) overtebrate Sulfide C Rhizosphe	Odor (C1)	-	<u>§</u>	Second Wat Sed Drift Drai Dry-	ary Indica er Marks (iment Dep Deposits nage Patte Season W	ators (2 or n B1) (Riverin osits (B2) (R (B3) (Riverin ems (B10) /ater Table (face (C7)	nore require e) iverine) ne)
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YDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Nonrive eposits (B3) (Nonrive eposits (B3) (Nonrive eposits (B3) (Nonrive eposits (B3) (Nonrive	one require erine) conriverine) erine) Imagery (B	ed; check al	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence	t (B11) st (B12) overtebrate Sulfide C Rhizosphe of Reduct on Reduct c Surface	Odor (C1) eres along ed Iron (C4 tion in Tille (C7)	4)		Second Wate Sed Drift Drai Dry- Thin Cray Satu	ary Indica er Marks (iment Dep Deposits nage Patte Season W Muck Sur rfish Burro iration Visi	ntors (2 or m B1) (Riverin osits (B2) (R (B3) (Riverin erns (B10) fater Table (C7) ws (C8) ble on Aeria ard (D3)	nore require e) liverine) ne)
YDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Nonrive esposits (B3) (Nonrive esposi	one require erine) conriverine) erine) Imagery (B	ed; check al	Salt Crust Biotic Crus Aquatic In Hydrogen Oxidized F Presence Recent Iro Thin Muck	t (B11) st (B12) overtebrate Sulfide C Rhizosphe of Reduct on Reduct c Surface	Odor (C1) eres along ed Iron (C4 tion in Tille (C7)	4)		Second Wate Sed Drift Drai Dry- Thin Cray Satu	ary Indica er Marks (iment Dep Deposits nage Patte Season W Muck Sur rfish Burro uration Visi	ntors (2 or m B1) (Riverin osits (B2) (R (B3) (Riverin erns (B10) fater Table (C7) ws (C8) ble on Aeria ard (D3)	nore require e) liverine) ne)
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YDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations: ter Present?	one require prine) conriverine) erine) Imagery (B	ed; check al	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Thin Muck Other (Ex	t (B11) st (B12) evertebrate Sulfide C Rhizosphe of Reduct on Reduct c Surface plain in Re	Odor (C1) eres along ed Iron (C4 tion in Tille (C7)	4)		Second Wate Sed Drift Drai Dry- Thin Cray Satu	ary Indica er Marks (iment Dep Deposits nage Patte Season W Muck Sur rfish Burro iration Visi	ntors (2 or m B1) (Riverin osits (B2) (R (B3) (Riverin erns (B10) fater Table (C7) ws (C8) ble on Aeria ard (D3)	nore require e) liverine) ne)
YDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-i	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations: ter Present?	one require erine) conriverine) erine) Imagery (B	ed; check al	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized I Presence Recent Iro Thin Muck Other (Exp	st (B11) st (B12) evertebrate Sulfide C Rhizosphe of Reduct on Reduct c Surface plain in Re mes):	Odor (C1) eres along ed Iron (C4 tion in Tille (C7)	4) d Soils (Co	ots (C3)	Second Wat Sed Drift Drai Dry- Thin Cray Satu Sha FAC	ary Indica er Marks (iment Dep Deposits nage Patte Season W Muck Sur fish Burro iration Visi llow Aquita	ntors (2 or m B1) (Riverin osits (B2) (R (B3) (Riverin erns (B10) /ater Table (face (C7) ws (C8) ble on Aeria ard (D3) est (D5)	nore require e) iverine) ne) C2)
YDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-i Surface Water-i Surface Water-i Surface Water-i Surface Water-i	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B3) (Nonrive e Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations: ter Present? Present?	one require prine) conriverine) erine) Imagery (B	ed; check al	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized I Presence Recent Iro Thin Muck Other (Exp	st (B11) st (B12) evertebrate Sulfide C Rhizosphe of Reduct on Reduct c Surface plain in Re mes):	Odor (C1) eres along ed Iron (C4 tion in Tille (C7)	4) d Soils (Co		Second Wat Sed Drift Drai Dry- Thin Cray Satu Sha FAC	ary Indica er Marks (iment Dep Deposits nage Patte Season W Muck Sur fish Burro iration Visi llow Aquita	ntors (2 or m B1) (Riverin osits (B2) (R (B3) (Riverin erns (B10) fater Table (C7) ws (C8) ble on Aeria ard (D3)	nore require e) iverine) ne) C2)
YDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-i Field Obser Surface Wa Vater Table Saturation F includes ca	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Nonrive e Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations: ter Present? Present? Present?	one require erine) conriverine) erine) Imagery (B Yes Yes Yes	No X I	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex Depth (inch	st (B11) st (B12) evertebrate Sulfide C Rhizosphe of Reduct on Reduct c Surface plain in Re nes): nes):	Odor (C1) eres along ed Iron (C4 tion in Tille (C7) emarks)	4) d Soils (Ce	S S S S S S S S S S	Second Wate Sed Drift Drai Dry- Thin Cray Satu Sha FAC	ary Indica er Marks (iment Dep Deposits nage Patte Season W Muck Sur fish Burro iration Visi llow Aquita	ntors (2 or m B1) (Riverin osits (B2) (R (B3) (Riverin erns (B10) /ater Table (face (C7) ws (C8) ble on Aeria ard (D3) est (D5)	nore require e) iverine) ne) C2)
YDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-i Field Obser Surface Wa Vater Table Saturation F includes ca	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B3) (Nonrive e Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations: ter Present? Present?	one require erine) conriverine) erine) Imagery (B Yes Yes Yes	No X I	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex Depth (inch	st (B11) st (B12) evertebrate Sulfide C Rhizosphe of Reduct on Reduct c Surface plain in Re nes): nes):	Odor (C1) eres along ed Iron (C4 tion in Tille (C7) emarks)	4) d Soils (Ce	S S S S S S S S S S	Second Wate Sed Drift Drai Dry- Thin Cray Satu Sha FAC	ary Indica er Marks (iment Dep Deposits nage Patte Season W Muck Sur fish Burro iration Visi llow Aquita	ntors (2 or m B1) (Riverin osits (B2) (R (B3) (Riverin erns (B10) /ater Table (face (C7) ws (C8) ble on Aeria ard (D3) est (D5)	nore require e) iverine) ne) C2)
YDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-i Surface Water-i Surface Water Table Saturation Fincludes ca	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Nonrive e Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations: ter Present? Present? Present?	one require erine) conriverine) erine) Imagery (B Yes Yes Yes	No X I	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex Depth (inch	st (B11) st (B12) evertebrate Sulfide C Rhizosphe of Reduct on Reduct c Surface plain in Re nes): nes):	Odor (C1) eres along ed Iron (C4 tion in Tille (C7) emarks)	4) d Soils (Ce	S S S S S S S S S S	Second Wate Sed Drift Drai Dry- Thin Cray Satu Sha FAC	ary Indica er Marks (iment Dep Deposits nage Patte Season W Muck Sur fish Burro iration Visi llow Aquita	ntors (2 or m B1) (Riverin osits (B2) (R (B3) (Riverin erns (B10) /ater Table (face (C7) ws (C8) ble on Aeria ard (D3) est (D5)	nore require e) iverine) ne) C2)
YDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-i Sield Obser Saturation F includes ca escribe Rec	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations: ter Present? e Present? Present? pillary fringe) corded Data (stream	one require erine) conriverine) erine) Imagery (B Yes Yes Yes gauge, more	No X I No I No I I nitoring wel	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex Depth (inch Depth (inch	st (B11) st (B12) avertebrate Sulfide C Rhizosphe of Reduct on Reduct of Surface plain in Re nes): nes): otos, prev	odor (C1) eres along ed Iron (C4 tion in Tille (C7) emarks)	4) d Soils (Ce	ots (C3) ond Hydrolo available: n/	Second Wat Sed Drift Drai Cray Satu Sha FAC	ary Indica er Marks (iment Dep Deposits nage Patte Season W Muck Sur fish Burro iration Visi llow Aquita Neutral T	ntors (2 or n B1) (Riverin osits (B2) (R (B3) (Riverin ems (B10) /ater Table (c face (C7) ws (C8) ble on Aeria ard (D3) fest (D5)	nore require e) iverine) ne) C2) I Imagery (C
YDROLO Wetland H Primary Ind Surface High W Satural Water I Sedime Drift De X Surface Inunda Water-i Gield Obser Surface Water Table Saturation F Includes ca	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Nonrive e Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations: ter Present? Present? Present?	one require erine) conriverine) erine) Imagery (B Yes Yes Yes gauge, more	No X I No I No I I nitoring wel	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex Depth (inch Depth (inch	st (B11) st (B12) avertebrate Sulfide C Rhizosphe of Reduct on Reduct of Surface plain in Re nes): nes): otos, prev	odor (C1) eres along ed Iron (C4 tion in Tille (C7) emarks)	4) d Soils (Ce	ots (C3) ond Hydrolo available: n/	Second Wat Sed Drift Drai Cray Satu Sha FAC	ary Indica er Marks (iment Dep Deposits nage Patte Season W Muck Sur fish Burro iration Visi llow Aquita -Neutral T	ntors (2 or n B1) (Riverin osits (B2) (R (B3) (Riverin ems (B10) /ater Table (c face (C7) ws (C8) ble on Aeria ard (D3) fest (D5)	nore require e) iverine) ne) C2) I Imagery (C
YDROLO Wetland H Primary Ind Surface High W Satural Water I Sedime Drift De X Surface Inunda Water-i Gield Obser Surface Water Table Saturation F Includes ca	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations: ter Present? e Present? Present? pillary fringe) corded Data (stream	one require erine) conriverine) erine) Imagery (B Yes Yes Yes gauge, more	No X I No I No I I nitoring wel	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex Depth (inch Depth (inch	st (B11) st (B12) avertebrate Sulfide C Rhizosphe of Reduct on Reduct of Surface plain in Re nes): nes): otos, prev	odor (C1) eres along ed Iron (C4 tion in Tille (C7) emarks)	4) d Soils (Ce	ots (C3) ond Hydrolo available: n/	Second Wat Sed Drift Drai Cray Satu Sha FAC	ary Indica er Marks (iment Dep Deposits nage Patte Season W Muck Sur fish Burro iration Visi llow Aquita -Neutral T	ntors (2 or n B1) (Riverin osits (B2) (R (B3) (Riverin ems (B10) /ater Table (c face (C7) ws (C8) ble on Aeria ard (D3) fest (D5)	nore require e) iverine) ne) C2) I Imagery (C
Primary Ind Surface High W Satural Water I Sedime Drift De X Surface Inunda Water-i ield Observator Table saturation Fincludes ca	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations: ter Present? e Present? Present? pillary fringe) corded Data (stream	one require erine) conriverine) erine) Imagery (B Yes Yes Yes gauge, more	No X I No I No I I nitoring wel	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex Depth (inch Depth (inch	st (B11) st (B12) avertebrate Sulfide C Rhizosphe of Reduct on Reduct of Surface plain in Re nes): nes): otos, prev	odor (C1) eres along ed Iron (C4 tion in Tille (C7) emarks)	4) d Soils (Ce	ots (C3) ond Hydrolo available: n/	Second Wat Sed Drift Drai Cray Satu Sha FAC	ary Indica er Marks (iment Dep Deposits nage Patte Season W Muck Sur fish Burro iration Visi llow Aquita -Neutral T	ntors (2 or n B1) (Riverin osits (B2) (R (B3) (Riverin ems (B10) /ater Table (c face (C7) ws (C8) ble on Aeria ard (D3) fest (D5)	nore require e) iverine) ne) C2) I Imagery (C

Project/Site: Southwest Village Specific Plan		City/Cour	nty: <u>San Dieg</u>	o, CA Sampling Date: Mar	ch 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 12-	WET
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave Slope (%	o): 0-2
Subregion (LRR): LRR-C	Lat:	32.55892		Long: -117.01909 Datum: NA	4D83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None	
Are climatic / hydrologic conditions on the site typical for	r this time of	f year? Yes	X No	(If no, explain in Remarks.)	
Are Vegetation X, Soil , or Hydrology					. No
				(If needed, explain any answers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sl					
SUMMART OF FINDINGS - Attach site map si	lowing sa		iii iocalioni	s, transects, important leatures, etc.	
Hydrophytic Vegetation Present? Yes X	_No	_ le ti	he Sampled	Aroa	
Hydric Soil Present? Yes X	_No	-	nin a Wetlan	YAS X NO	
Wetland Hydrology Present? Yes X	_No	_			
Remarks: The majority of the vegetation on the site had meets the wetland criteria.	as been dist	urbed due to	past land use	s. This feature was sampled during the growing	season and
VEGETATION – Use scientific names of plants	 S.				
_	Absolute	Dominant	Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species	
1. <u>none</u> 2.				That Are OBL, FACW, or FAC: 1	(A)
3.				Total Number of Dominant Species Across All Strata:	(D)
				Percent of Dominant Species	(B)
4		= Total Cove		That Are OBL, FACW, or FAC: 100%	(A/B)
Sapling/Shrub Stratum (Plot size:)		Total Gove	J1		
1. none				Prevalence Index worksheet:	
2.				Total % Cover of: Multiply by	<u>:</u>
3.				OBL species x 1 =	
4.				FACW species x 2 =	
5				FAC species x 3 =	
		= Total Cove	er	FACU species x 4 =	
Herb Stratum (Plot size:)				UPL species x 5 =	
Psilocarphus brevissimus	15	Y	FACW	Column Totals: (A)	(B)
2. Plagiobothrys acanthocarpus	1	N	OBL	Prevalence Index = B/A =	
3. Matricaria discoidea	1	N	FACU		
4. Hordeum marinum	4	N	FAC	Hydrophytic Vegetation Indicators:	
5. Plantago elongata	1	N	FACW	X Dominance Test is >50%	
6. 7.				Prevalence Index is ≤3.0¹	
7. 8.				Morphological Adaptations¹ (Provide su data in Remarks or on a separate sh	
o		= Total Cov		Problematic Hydrophytic Vegetation ¹ (E	<i>'</i>
Woody Vine Stratum (Plot size:		Total Go	701	Problematic Hydrophytic Vegetation (E	.χριαιιτ)
1 none				¹ Indicators of hydric soil and wetland hydrolo	av must
2. <i>Hone</i>				be present, unless disturbed or problematic.	
	0	= Total Cove		Hydrophytic	
				Vegetation	
	over of Biotic		0	Present? Yes X No	
Remarks: Sample area is a vernal pool that receives ru					s well as
three vernal pool plant indicator species (Psilocarphus b	,evissimus וכ	, ⊢ıantago elo	ngala, and P	agiopoinrys acaninocarpus).	

SOIL Sampling Point: 12-WET

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ires		_			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	e	Rema	arks
0-2	10YR 3/1	95	7.5YR 4/6	5	C/RC	M	clay			
2-18	10YR 5/3	99	7.5YR 4/6	1	С	М	clay			
	-				·		- 			
							_			
							_			
							_			
¹ Type: C=C	oncentration, D=Depletio	n, RM=Reduc	ed Matrix, CS=Covered	or Coated	Sand Grains	s. ²	Location: PL=F	Pore Lining,	RC=Root Channe	I, M=Matrix.
Hydric So	il Indicators: (Applic	able to all L	RRs, unless otherv	wise note	d.)		Indicato	rs for Pro	blematic Hydri	c Soils ³ :
Histose	ol (A1)		Sandy R	edox (S5))		1 cm	n Muck (A9	9) (LRR C)	
Histic I	Epipedon (A2)			Matrix (S	,				10) (LRR B)	
	Histic (A3)			lucky Min				uced Verti		
	gen Sulfide (A4)	_,		Sleyed Ma	, ,				aterial (TF2)	
	ed Layers (A5) (LRR) Muck (A9) (LRR D)	C)	x Depleted				Othe	er (Explain	in Remarks)	
	ed Below Dark Surfac	·e (Δ11)		ark Surfad I Dark Sur	` '					
· — ·	Dark Surface (A12)	O (7111)		epression	` '		3Indicato	rs of hydro	ophytic vegetatio	n and
	Mucky Mineral (S1)			ools (F9)	,			-	ogy must be pres	
Sandy	Gleyed Matrix (S4)						unles	s disturbe	d or problematic	i.
Restrictive	Layer (if present):									
Type:	, ,									
Depth (in	ches):						Hydric Soil	Present?	Yes X	No
	redox features abunda	ant in unner	lavar				•			
HYDROLC	OGY									
	lydrology Indicators						<u>s</u>			r more required)
	dicators (minimum of	one required							Marks (B1) (Rive	*
	ce Water (A1)		Salt Crust	. ,			_		ent Deposits (B2)	
	Vater Table (A2)		X Biotic Cru	, ,	(5.40)		_		eposits (B3) (Riv	•
	ation (A3)		X Aquatic In		, ,		_	`	ge Patterns (B10	,
	Marks (B1) (Nonrive		Hydrogen		eres along	Livina Do			ason Water Tabl	
_	ent Deposits (B2) (No eposits (B3) (Nonrive	•			ed Iron (C4		ols (C3)		uck Surface (C7) h Burrows (C8))
l —	e Soil Cracks (B6)	rine)			ion in Tille		- 6)			erial Imagery (C9)
	ation Visible on Aerial	Imagery (B7				2 30113 (C	_		v Aquitard (D3)	sharimagery (C9)
	-Stained Leaves (B9)	imagery (br	Other (Ex				_		eutral Test (D5)	
	. ,			p			_			
Field Obse		/oo	No. v. Donth (inch	200):						
Water Table			No \underline{x} Depth (inch No \underline{x} Depth (inch			_				
Saturation			No x Depth (inch			— Wetls	and Hydrolo	av Preser	nt? Yes X	. No
	apillary fringe)		NO_X_Depth (incl	ies)		_ •••••	and riyurolo	gy Fiesei	it: 163	<u> </u>
F	ecorded Data (stream	gauge, mon	itoring well, aerial ph	otos, prev	ious inspe	ctions), if	available: n/	а		
	•		·	-	-	•				
							<u></u>			
	Ithough no surface washrimp indicate that the	•				ce of surf	race soil crac	ks, biotic o	crust, and the pre	esence of San
Diogo ian y s	many maioato that the	o aroa porta	ator and supports	, ,, odalia i	., arology.					
LIC A Ca	orns of Engineers								Arid \A/aat	- Version 2.0

US Army Corps of Engineers

Project/Site: Southwest Village Specific Pl	an		City/Cour	nty: San Dieg	po, CA Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes					State: CA Sampling Point: 13-WET
Investigator(s): Beth Procsal, JR Sundberg	g		Section,	Township, F	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa to				lief (concave	, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C		Lat:		•	Long: -117.01911 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 t	o 9 percent				
Are climatic / hydrologic conditions on the					
					Are "Normal Circumstances" present? Yes X No
	_				(If needed, explain any answers in Remarks.)
					s, transects, important features, etc.
Hydrophytic Vegetation Present?	Yes X	_No	le #	he Sampled	Arna
	Yes X	No		hin a Wetlan	YAS X NO
Wetland Hydrology Present?	Yes X	No	_		
meets the wetland criteria. VEGETATION – Use scientific name	es of plant				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1.	/				Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2.					Total Number of Dominant
4.		· ——			Percent of Dominant Species (B)
4.			= Total Cove		That Are OBL, FACW, or FAC:
Sapling/Shrub Stratum (Plot size:)		- Total Cove	CI	
1.					Prevalence Index worksheet:
2.					Total % Cover of: Multiply by:
3.					OBL species 1 x 1 = 1
4.					FACW species19
5					FAC species 0 x 3 = 0
			= Total Cove	er	FACU species11 x 4 =44
Herb Stratum (Plot size:)				UPL species1 x 5 =5
1. Psilocarphus brevissimus		18	Y	FACW	Column Totals: (A) 88(B)
2. Hordeum murinum			Y	FACU	Prevalence Index = B/A = 2.8
3. Plagiobothrys acanthocarpus		1	N	OBL	
4. Sonchus oleraceus			N	UPL	Hydrophytic Vegetation Indicators:
Plantago elongata Matricaria discoidea		1	N	FACW FACU	Dominance Test is >50%
7			N		X Prevalence Index is ≤3.0¹
8.					Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
·		32	= Total Cov	ver	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				Troblematic Hydrophytic Vegetation (Explain)
1					¹ Indicators of hydric soil and wetland hydrology must
2.					be present, unless disturbed or problematic.
			= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 68	% Co	over of Biotic	: Crust	0	Vegetation Present? Yes X No
Remarks: Sample area is a vernal pool th	at receives r	unoff from a	relatively sma	all local micro	o-watershed. It supports hydrophytic vegetation, as well as
three vernal pool plant indicator species (F	'silocarphus	brevissimus,	, Plantago elo	ongata, and P	Plagiobothrys acanthocarpus).

SOIL Sampling Point: 13-WET

Depth	Matrix			dox Features		_	
(inches)	Color (moist)	%	Color (moist)	%Type	Loc ²	Texture	Remarks
0-18	7YR 4/2	100				clay	no redox
			_				
			_		_		
						-	
						-	
	•		ed Matrix, CS=Covered		ains. ²		Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Appli	cable to all Li	RRs, unless otherv	vise noted.)		Indicators fo	r Problematic Hydric Soils ³ :
Histosol	(A1)		Sandy R	edox (S5)		1 cm Mu	ck (A9) (LRR C)
	pipedon (A2)			Matrix (S6)			ck (A10) (LRR B)
Black His	stic (A3)		Loamy M	lucky Mineral (F1)	Reduced	Vertic (F18)
Hydroge	n Sulfide (A4)		Loamy G	leyed Matrix (F2)		ent Material (TF2)
	l Layers (A5) (LRR	(C)		Matrix (F3)		X Other (Ex	rplain in Remarks)
1 cm Mu	ck (A9) (LRR D)		Redox D	ark Surface (F6)			
Depleted	l Below Dark Surfa	ice (A11)	Depleted	Dark Surface (F	7)		
Thick Da	ark Surface (A12)		Redox D	epressions (F8)		³ Indicators of	hydrophytic vegetation and
Sandy M	lucky Mineral (S1)		Vernal P	ools (F9)		wetland h	ydrology must be present,
Sandy G	leyed Matrix (S4)					unless dis	sturbed or problematic.
Restrictive L	ayer (if present):						
Type:							
Depth (inch	nes):					Hydric Soil Pres	ent? Yes X No
IYDROLOG	Y						
Wetland Hy	drology Indicator	s:				Seco	ndary Indicators (2 or more require
Primary India	cators (minimum of	fone required;	check all that apply	′)		W	/ater Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crust	(B11)		S	ediment Deposits (B2) (Riverine)
— High Wa	ater Table (A2)		X Biotic Cru				rift Deposits (B3) (Riverine)
Saturatio				vertebrates (B13)		rainage Patterns (B10)
	larks (B1) (Nonriv e	erine)		Sulfide Odor (C			ry-Season Water Table (C2)
	nt Deposits (B2) (N			Rhizospheres alo	-		nin Muck Surface (C7)
	posits (B3) (Nonriv	,		of Reduced Iron		· · · —	rayfish Burrows (C8)
		erine)			-		
	Soil Cracks (B6)	(D.7)		on Reduction in T	illed Solls (Ci	· —	aturation Visible on Aerial Imagery (CS
	on Visible on Aeria	• • • •		Surface (C7)			hallow Aquitard (D3)
Water-S	tained Leaves (B9))	Other (Ex	plain in Remarks)	F	AC-Neutral Test (D5)
Field Observ	ations:						
Surface Wate	er Present?	Yes 1	No X Depth (inch	ies):			
Water Table I	Present?	Yes 1	No X Depth (inch	ies):			
Saturation Pr	esent?	Yes 1	No X Depth (inch	ies):	Wetla	and Hydrology P	resent? Yes X No
(includes cap							
escribe Reco	orded Data (stream	ı gauge, monit	oring well, aerial ph	otos, previous ins	spections), if	available: n/a	
emarks: Alth	nough no surface w	ater was pres	ent at the time of the	e delineation, evi	dence of surf	ace soil cracks a	nd biotic crust indicate that the area
onds water.							

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA	Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 14-WET
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S	R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55893		Long: -117.01914	 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 perce	ent slopes			NWI classification	
Are climatic / hydrologic conditions on the site typic	-			(If no. explain in	Remarks.)
Are Vegetation X, Soil , or Hydrolog		-			·
Are Vegetation Soil X, or Hydrolog					
SUMMARY OF FINDINGS – Attach site ma	p showing sa	mpling poi	nt locations	s, transects, importan	t features, etc.
Hydrophytic Vegetation Present? Yes	XNo			_	
Hydric Soil Present? Yes	X No		he Sampled <i>i</i> hin a Wetland	Yes	X No
Wetland Hydrology Present? Yes	X No	witi	iiii a vvetiaiii	u: —	
Remarks: The majority of the vegetation on the si	te has been dist	urbed due to	past land use	s. This feature was sampl	ed during the growing season and
meets the wetland criteria.			,		g gg
VEGETATION – Use scientific names of pl		Dente	la di este a	Daminanaa Taatuusuk	-h4.
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work	
1.				Number of Dominant Sp That Are OBL, FACW, of	
2.				Total Number of Domin	. ,
3.				Species Across All Stra	ta: 1 (B)
4.				Percent of Dominant Sp	
		= Total Cove	ər	That Are OBL, FACW, o	or FAC: <u>100%</u> (A/B)
Sapling/Shrub Stratum (Plot size:	_)				
1				Prevalence Index wor	ksheet:
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total Cove	er	FACU species	x 4 =
Herb Stratum (Plot size:)		.,	= 4 O 14 /	UPL species	x 5 =
1. Psilocarphus brevissimus		Y	FACW	Column Totals:	(A)(B)
2. Hordeum murinum	$\frac{1}{1}$	N	FACU	Prevalence Inde	x = B/A =
3. Mesembryanthemum nodiflorum		N	FACU	Hudrombudio Variatio	un lundin ataun.
UMatricaria discoidea Sonchus oleraceus		N	FACU_ UPL	Hydrophytic Vegetatio	
6. Plantago elongata	<u>'</u>	N	FACW	X Dominance Test	
7. Spergularia bocconi		N	FACW	Prevalence Index	aptations¹ (Provide supporting
8.	`				ks or on a separate sheet)
<u> </u>		= Total Cov	 /er		ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)			Troblematic riyur	opriyuo vegetation (Explain)
1	_ ′			¹ Indicators of hydric so	il and wetland hydrology must
2.				be present, unless dist	
		= Total Cove		Hydrophytic	
				Vegetation	
% Bare Ground in Herb Stratum89 %	6 Cover of Biotic	Crust	0	Present? Y	es X No
Remarks: Sample area is a vernal pool that receive				-watershed. It supports hy	drophytic vegetation, as well as
two vernal pool plant indicator species (Psilocarphu	is brevissimus ai	nd Plantago e	elongata).		

SOIL Sampling Point: 14-WET

Depth	Matrix		R	edox Feati	ures						
(inches)	Color (moist)	%	Color (moist)	%	_Type ¹ _	Loc ²	Textu	re		Rema	rks
0-18	10YR 4/3	100					sandy cla	ay	no redox,	some sand	d inclusions
							-				
			-				-				
¹ Type: C=Cond	centration, D=Deplet	ion, RM=Redu	uced Matrix, CS=Covere	d or Coated	I Sand Grains	. 2	Location: PL=	Pore L	ning, RC=F	Root Channel	, M=Matrix.
Hydric Soil I	ndicators: (Appl	icable to all	LRRs, unless other	wise note	ed.)		Indicat	ors fo	Problem	atic Hydric	Soils ³ :
Histosol ((A1)		Sandy	Redox (S5)		1 c	m Muc	k (A9) (LR	RC)	
Histic Ep	ipedon (A2)		Strippe	d Matrix (S	66)		2 ci	m Muc	k (A10) (L	RR B)	
Black His	` '			Mucky Mir	, ,				Vertic (F18	,	
	n Sulfide (A4)			Gleyed Ma	, ,				nt Material		
	Layers (A5) (LRF	R C)		d Matrix (F	,		X Oth	er (Ex	olain in Re	marks)	
	ck (A9) (LRR D)	naa (A11)		Dark Surfa	` '						
	Below Dark Surfa rk Surface (A12)	ace (ATT)		d Dark Su Depressio	` '		3Indicat	ore of l	wdronhyti	c vegetatio	and
	ucky Mineral (S1)			Pools (F9)						ust be pres	
	leyed Matrix (S4)		vernar	0013 (1 3)				-		roblematic.	Ciri,
									<u>'</u>		
Type:	ayer (if present):										
iype.											
	DC).						Hydric Soi	l Prese	nt2 V	'es X	No
Depth (inch Remarks: No wetland hydro	redox features of plogy. This feature	is a vernal p	wever, hydric soils ar	y ponded a	and may lac			ng ind	cators of I		
Depth (inch Remarks: No wetland hydro conditions, or	redox features of ology. This feature other factors, whi	is a vernal p		y ponded a	and may lac		due to stro	ng ind	cators of I	nydrophytic	vegetation and
Depth (inch Remarks: No wetland hydro conditions, or	redox features of logy. This feature other factors, whi	is a vernal բ ch may inclu	oool that is seasonall	y ponded a	and may lac		due to stro	ong ind rs due	cators of I to limited s	nydrophytic saturation d	vegetation and epth, saline
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd	redox features of ology. This feature other factors, whi	is a vernal pch may inclu	pool that is seasonall	y ponded a sturbance	and may lac		due to stro	ong ind rs due	cators of I to limited s	nydrophytic saturation d	vegetation and epth, saline
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd	redox features of ology. This feature other factors, whi	is a vernal pch may inclu	oool that is seasonall	y ponded a sturbance	and may lac		due to stro	ong ind rs due	cators of I to limited s	nydrophytic saturation d	vegetation and epth, saline
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd Primary Indic	redox features of ology. This feature other factors, whi	is a vernal pch may inclu	pool that is seasonall the human-caused display the human-caused display the human-caused display the human-caused display the human caused; check all that app	y ponded a sturbance	and may lac		due to stro	ong ind rs due Secon	cators of I to limited s dary India ater Marks	nydrophytic saturation d	vegetation and epth, saline remore required rine)
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd Primary Indic Surface V High Wa	redox features of plogy. This feature other factors, whi Y drology Indicator ators (minimum of Water (A1) ter Table (A2)	is a vernal pch may inclu	pool that is seasonall de human-caused d ed; check all that app	y ponded a sturbance	and may lac		due to stro	eng ind rs due Secon Wa	cators of I to limited s dary India ater Marks diment De	nydrophytic saturation d cators (2 or (B1) (Rive	vegetation and epth, saline r more required rine) (Riverine)
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd Primary Indic Surface N	redox features of plogy. This feature other factors, whi Y drology Indicator ators (minimum of Water (A1) ter Table (A2)	is a vernal pch may inclu	ed; check all that app Salt Crue X Biotic Cr	y ponded a sturbance	and may lac		due to stro	Secon Wa Se Dri	cators of I to limited s dary India ater Marks diment De ft Deposits	cators (2 or (B1) (Rive	vegetation and epth, saline r more required rine) (Riverine)
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd Primary Indio Surface V High Wa Saturatio Water M:	redox features of plogy. This feature other factors, whi drology Indicators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriv	is a vernal pch may incluses: f one require erine)	ed; check all that app Salt Crus X Biotic Cr Aquatic Hydroge	y ponded a sturbance	ees (B13)	k hydric s	c due to stro	Secon Wa Se Dri	dary Indicater Marks diment Deft Deposits ainage Par	cators (2 or (B1) (Riverposits (B2)) s (B3) (Riverterns (B10)) Water Table	vegetation and epth, saline r more required rine) (Riverine)
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd Primary Indic Surface V High Wa Saturatio Water Ma	redox features of plogy. This feature other factors, whi drology Indicators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriv t Deposits (B2) (Nonriv t Deposits	is a vernal pch may incluses: s: f one require erine) lonriverine)	ed; check all that app Salt Crus X Biotic Cr Aquatic Hydroge Oxidized	y ponded a sturbance ly) st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph	ees (B13) Odor (C1) eres along I	k hydric s	c due to stro	Secon Wa Se Dri Dri	dary Indicater Marks diment Deft Deposite ainage Par	cators (2 or (B1) (Rive posits (B2)) (Bive tterns (B10) Water Table urface (C7)	vegetation and epth, saline r more required rine) (Riverine)
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd Primary Indic Surface V High Wa Saturatio Water Ma Sedimen Drift Dep	redox features of plogy. This feature other factors, whi redox features of plogy. This feature other factors, which redox features (minimum of water (A1) ter Table (A2) on (A3) arks (B1) (Nonriv t Deposits (B2) (Nonriv osits (B3) (Nonriv	is a vernal pch may incluses: s: f one require erine) lonriverine)	ed; check all that app Salt Crue X Biotic Cr Aquatic Hydroge Oxidized Presence	y ponded a sturbance ly) st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduce	ees (B13) Odor (C1) eres along l	k hydric s	c due to strosoil indicator	Secon Wase Dri Dri Th	dary Indicater Marks diment Defit Deposite ainage Par y-Season	cators (2 or (B1) (Rive eposits (B2) s (B3) (Rive tterns (B10) Water Table urface (C7) rows (C8)	vegetation and epth, saline r more required rine) (Riverine) erine)
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd Primary Indic Surface V High Wa Saturatio Water Mater Ma	redox features of plogy. This feature other factors, whi drology Indicator eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriv t Deposits (B2) (Nonriv Soil Cracks (B6)	is a vernal pch may incluses: f one require erine) lonriverine)	ed; check all that app Salt Crue X Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I	y ponded a sturbance ly) st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reductor	es (B13) Odor (C1) eres along I ced Iron (C4 tion in Tilled	k hydric s	c due to strosoil indicator	Secon Wase Dri Dri Th	dary Indicater Marks diment Defit Deposite ainage Par y-Season	cators (2 or (B1) (Rive eposits (B2) s (B3) (Rive tterns (B10) Water Table urface (C7) rows (C8)	vegetation and epth, saline r more required rine) (Riverine)
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd Primary Indio Surface V High Wa Saturatio Water M: Sedimen Drift Dep X Surface S Inundation	redox features of plogy. This feature other factors, whi Y drology Indicator ators (minimum of water (A1) ter Table (A2) on (A3) arks (B1) (Nonrivators (B3) (Nonrivators (B3) (Nonrivators (B3) (Nonrivators (B3) (Nonrivators (B6) on Visible on Aeria	is a vernal pch may included in may included in may include in may	ed; check all that app Salt Crus X Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu	y ponded a sturbance by	es (B13) Ddor (C1) eres along I ced Iron (C4 tion in Tilled	k hydric s	c due to strosoil indicator	Secon Was See Dri Dra Th Cra Sa Sh	dary India dary India ater Marks diment De ft Deposits ainage Par y-Season in Muck Si ayfish Burn turation Vi allow Aqui	cators (2 or (B1) (River) (B3) (River) (B3) (River) (B4) (B4) (B4) (River) (B4)	vegetation and epth, saline r more required rine) (Riverine) erine)
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd Primary Indio Surface V High Wa Saturatio Water M: Sedimen Drift Dep X Surface S Inundation	redox features of plogy. This feature other factors, whi drology Indicator eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriv t Deposits (B2) (Nonriv Soil Cracks (B6)	is a vernal pch may included in may included in may include in may	ed; check all that app Salt Crus X Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu	y ponded a sturbance ly) st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reductor	es (B13) Ddor (C1) eres along I ced Iron (C4 tion in Tilled	k hydric s	c due to strosoil indicator	Secon Was See Dri Dra Th Cra Sa Sh	dary India dary India ater Marks diment De ft Deposits ainage Par y-Season in Muck Si ayfish Burn turation Vi allow Aqui	cators (2 or (B1) (Rive eposits (B2) is (B3) (Rive tterns (B10) Water Table urface (C7) rows (C8) sible on Ae	vegetation and epth, saline r more required rine) (Riverine) erine)
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd Primary Indio Surface V High Wa Saturatio Water M: Sedimen Drift Dep X Surface S Inundation	redox features of plogy. This feature other factors, whi Y drology Indicator eators (minimum of pater (A1) ter Table (A2) en (A3) earks (B1) (Nonriv to Deposits (B2) (Nonriv Soil Cracks (B6) en Visible on Aeria eained Leaves (B9)	is a vernal pch may included in may included in may include in may	ed; check all that app Salt Crus X Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu	y ponded a sturbance by	es (B13) Ddor (C1) eres along I ced Iron (C4 tion in Tilled	k hydric s	c due to strosoil indicator	Secon Was See Dri Dra Dra Cra Sa	dary India dary India ater Marks diment De ft Deposits ainage Par y-Season in Muck Si ayfish Burn turation Vi allow Aqui	cators (2 or (B1) (River) (B3) (River) (B3) (River) (B4) (B4) (B4) (River) (B4)	vegetation and epth, saline r more required rine) (Riverine) erine)
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd Primary Indic Surface N High Wa Saturatio Water Ma Sedimen Drift Dep X Surface S Inundatio Water-St	redox features of plogy. This feature other factors, whi Y drology Indicator eators (minimum of water (A1) ter Table (A2) en (A3) earks (B1) (Nonriv to Deposits (B2) (Nonriv Soil Cracks (B6) en Visible on Aeria eained Leaves (B9) eations:	is a vernal pch may incluses: s: f one require erine) lonriverine) verine) al Imagery (E	ed; check all that app Salt Crus X Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu	y ponded a sturbance ly) st (B11) ust (B12) nvertebrat n Sulfide (Rhizosphe of Reductor Redu	es (B13) Ddor (C1) eres along I ced Iron (C4 tion in Tilled	k hydric s	c due to strosoil indicator	Secon Was See Dri Dra Dra Cra Sa	dary India dary India ater Marks diment De ft Deposits ainage Par y-Season in Muck Si ayfish Burn turation Vi allow Aqui	cators (2 or (B1) (River) (B3) (River) (B3) (River) (B4) (B4) (B4) (River) (B4)	vegetation and epth, saline r more required rine) (Riverine) erine)
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd Primary Indio Surface N High Wa Saturatio Water M Sedimen Drift Dep X Surface S Inundatio Water-St	redox features of plogy. This feature other factors, whi Y drology Indicator ators (minimum of plogy) ators (minimum of plogy) ators (B2) (Nonrive to Deposits (B2) (Nonrive to Deposits (B3) (Nonriv	is a vernal proches a v	ed; check all that app Salt Crue X Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	y ponded a sturbance ly) st (B11) ust (B12) nvertebrat n Sulfide (Rhizosphe of Reductor Red	es (B13) Ddor (C1) eres along I ced Iron (C4 tion in Tilled	k hydric s	c due to strosoil indicator	Secon Was See Dri Dra Dra Cra Sa	dary India dary India ater Marks diment De ft Deposits ainage Par y-Season in Muck Si ayfish Burn turation Vi allow Aqui	cators (2 or (B1) (River) (B3) (River) (B3) (River) (B4) (B4) (B4) (River) (B4)	vegetation and epth, saline r more required rine) (Riverine) erine)
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd Primary Indio Surface V High Wa Saturatio Water M: Sedimen Drift Dep X Surface S Inundatio Water-St Field Observ Surface Wate Water Table F Saturation Pre	redox features of plogy. This feature other factors, whi Y drology Indicator ators (minimum of plogy) Arter (A1) ter Table (A2) arks (B1) (Nonrive to Deposits (B3) (Nonrive to Deposits (B4)) Soil Cracks (B6) on Visible on Aeria ained Leaves (B9) ations: r Present? Present?	is a vernal prochamay inclusives: erine) Ionriverine) verine) Yes Yes	ed; check all that app Salt Crus X Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	y ponded a sturbance ly) st (B11) ust (B12) nvertebrat n Sulfide (Rhizosphe of Reductor Red	es (B13) Ddor (C1) eres along I ced Iron (C4 tion in Tilled	Living Ro) I Soils (Co	c due to strosoil indicator	Secon Wa Se Dri Dra Cra Sa Sh FA	dary India dary India ater Marks diment De ft Deposits ainage Par y-Season in Muck Si ayfish Bun turation Vi allow Aqui C-Neutral	cators (2 or (B1) (River) (B3) (River) (B3) (River) (B4) (B4) (B4) (River) (B4)	vegetation and epth, saline r more required rine) (Riverine) erine) eric(C2)
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd Primary Indio Surface V High Wa Saturatio Water M: Sedimen Drift Dep X Surface S Inundatio Water-St Field Observ Surface Wate Water Table F Saturation Pre (includes capi	redox features of plogy. This feature other factors, whi Y drology Indicator ators (minimum of plogy) atter (A1) ter Table (A2) on (A3) arks (B1) (Nonrive to Deposits (B3) (Nonrive to Deposits (B3) (Nonrive to Deposits (B3)) (Nonrive	is a vernal pch may incluse. s: f one require erine) lonriverine) verine) Il Imagery (E) Yes Yes Yes Yes	ed; check all that app Balt Crus X Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Muc Other (E No X Depth (inc No Depth (inc	y ponded a sturbance ly) st (B11) ust (B12) nvertebrat n Sulfide (Caron Reductor Re	ees (B13) Odor (C1) eres along I ced Iron (C4 tion in Tilleo (C7) demarks)	Living Ro	ots (C3)	Secon Was Se Dri Dra Sa Sh FA	dary India dary India ater Marks diment De ft Deposits ainage Par y-Season in Muck Si ayfish Bun turation Vi allow Aqui C-Neutral	cators (2 or (B1) (River) (B3) (River) (B3) (River) (B4) (River) (River) (B4) (River) (Ri	vegetation and epth, saline r more required rine) (Riverine) erine) eric(C2)
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd Primary Indio Surface V High Wa Saturatio Water M: Sedimen Drift Dep X Surface S Inundatio Water-St Field Observ Surface Wate Water Table F Saturation Pre (includes capi	redox features of plogy. This feature other factors, whi Y drology Indicator ators (minimum of plogy) atter (A1) ter Table (A2) on (A3) arks (B1) (Nonrive to Deposits (B3) (Nonrive to Deposits (B3) (Nonrive to Deposits (B3)) (Nonrive	is a vernal pch may incluse. s: f one require erine) lonriverine) verine) Il Imagery (E) Yes Yes Yes Yes	ed; check all that app ad; check all that app Salt Crue X Biotic Crue Aquatic Hydroge Oxidized Presenc Recent I Thin Mue Other (E	y ponded a sturbance ly) st (B11) ust (B12) nvertebrat n Sulfide (Caron Reductor Re	ees (B13) Odor (C1) eres along I ced Iron (C4 tion in Tilleo (C7) demarks)	Living Ro	ots (C3)	Secon Was Se Dri Dra Sa Sh FA	dary India dary India ater Marks diment De ft Deposits ainage Par y-Season in Muck Si ayfish Bun turation Vi allow Aqui C-Neutral	cators (2 or (B1) (River) (B3) (River) (B3) (River) (B4) (River) (River) (B4) (River) (Ri	vegetation and epth, saline r more required rine) (Riverine) erine) eric(C2)
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd Primary Indio Surface V High Wa Saturatio Water M: Sedimen Drift Dep X Surface S Inundatio Water-St Field Observ Surface Wate Water Table F Saturation Pre (includes capi	redox features of plogy. This feature other factors, whi Y drology Indicator ators (minimum of plogy) atter (A1) ter Table (A2) on (A3) arks (B1) (Nonrive to Deposits (B3) (Nonrive to Deposits (B3) (Nonrive to Deposits (B3)) (Nonrive	is a vernal pch may incluse. s: f one require erine) lonriverine) verine) Il Imagery (E) Yes Yes Yes Yes	ed; check all that app Balt Crus X Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Muc Other (E No X Depth (inc No Depth (inc	y ponded a sturbance ly) st (B11) ust (B12) nvertebrat n Sulfide (Caron Reductor Re	ees (B13) Odor (C1) eres along I ced Iron (C4 tion in Tilleo (C7) demarks)	Living Ro	ots (C3)	Secon Was Se Dri Dra Sa Sh FA	dary India dary India ater Marks diment De ft Deposits ainage Par y-Season in Muck Si ayfish Bun turation Vi allow Aqui C-Neutral	cators (2 or (B1) (River) (B3) (River) (B3) (River) (B4) (River) (River) (B4) (River) (Ri	vegetation and epth, saline r more required rine) (Riverine) erine) eric(C2)
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd Primary Indio Surface V High Wa Saturatio Water M: Sedimen Drift Dep X Surface S Inundatio Water-St Field Observ Surface Wate Water Table F Saturation Pre (includes capi Describe Reco	redox features of plogy. This feature other factors, whi Y drology Indicator ators (minimum of plogy) atter (A1) ter Table (A2) on (A3) arks (B1) (Nonrive to Deposits (B3) (Nonrive to Deposits (B3) (Nonrive to Deposits (B3)) (Nonrive	is a vernal pch may incluse. s: f one require erine) lonriverine) verine) Yes Yes Yes Yes In gauge, mo	ed; check all that app Balt Crus X Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Recent I No X Depth (inc No Depth (inc No Depth (inc	y ponded a sturbance	ees (B13) Odor (C1) eres along I ced Iron (C4 tion in Tilled (C7) demarks)	Living Ro) I Soils (Co	ots (C3)	Secon Wa Se Dri Dra Sa Sh FA	dary India dary India dary India dater Marks diment De ft Deposits ainage Par y-Season vi in Muck Si ayfish Burn turation Vi allow Aqui C-Neutral	cators (2 or (B1) (Rive posits (B2) Water Table urface (C7) rows (C8) sible on Ae tard (D3) Test (D5)	vegetation and epth, saline r more required rine) (Riverine) e (C2) rial Imagery (C9
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd Primary Indio Surface V High Wa Saturatio Water M: Sedimen Drift Dep X Surface S Inundatio Water-St Field Observ Surface Wate Water Table F Saturation Pre (includes capi Describe Reco	redox features of plogy. This feature other factors, whi Y drology Indicator ators (minimum of plogy) atter (A1) ter Table (A2) on (A3) arks (B1) (Nonrive to Deposits (B3) (Nonrive to Deposits (B3) (Nonrive to Deposits (B3)) (Nonrive	is a vernal pch may incluses: f one requires erine) lonriverine) verine) yerine) Yes Yes Yes Yes n gauge, mo vater was pr	ed; check all that app Balt Crus X Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E No X Depth (inc No Depth (inc No Depth (inc No Depth (inc	y ponded a sturbance	ees (B13) Odor (C1) eres along I ced Iron (C4 tion in Tilled (C7) demarks)	Living Ro) I Soils (Co	ots (C3)	Secon Wa Se Dri Dra Sa Sh FA	dary India dary India dary India dater Marks diment De ft Deposits ainage Par y-Season vi in Muck Si ayfish Burn turation Vi allow Aqui C-Neutral	cators (2 or (B1) (Rive posits (B2) Water Table urface (C7) rows (C8) sible on Ae tard (D3) Test (D5)	vegetation and epth, saline r more required rine) (Riverine) e (C2) rial Imagery (C9
Depth (inch Remarks: No wetland hydro conditions, or HYDROLOG Wetland Hyd Primary Indio Surface V High Wa Saturatio Water M: Sedimen Drift Dep X Surface S Inundatio Water-St Field Observ Surface Wate Water Table F Saturation Pre (includes capi Describe Reco	redox features of plogy. This feature other factors, whi Y drology Indicator ators (minimum of plogy) ators (minimum of plogy) ators (Manimum o	is a vernal pch may incluses: f one requires erine) lonriverine) verine) yerine) Yes Yes Yes Yes n gauge, mo vater was pr	ed; check all that app Balt Crus X Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E No X Depth (inc No Depth (inc No Depth (inc No Depth (inc	y ponded a sturbance	ees (B13) Odor (C1) eres along I ced Iron (C4 tion in Tilled (C7) demarks)	Living Ro) I Soils (Co	ots (C3)	Secon Wa Se Dri Dra Sa Sh FA	dary India dary India dary India dater Marks diment De ft Deposits ainage Par y-Season vi in Muck Si ayfish Burn turation Vi allow Aqui C-Neutral	cators (2 or (B1) (Rive posits (B2) Water Table urface (C7) rows (C8) sible on Ae tard (D3) Test (D5)	vegetation and epth, saline r more required rine) (Riverine) e (C2) rial Imagery (C9

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA	Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes	State: CA	Sampling Point: 15-WET			
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	tange: Section 31, T18S R	01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	 32.55887		Long: -117.01912	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s			n: Freshwater Emergent Wetlar		
Are climatic / hydrologic conditions on the site typical for	-	year? Yes	X No		
Are Vegetation X, Soil , or Hydrology					
Are Vegetation Soil or Hydrology					
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poil	nt locations	s, transects, important	reatures, etc.
Hydrophytic Vegetation Present? Yes X	_No	_	ha Camplad	Avaa	
Hydric Soil Present? Yes X	No	-	he Sampled hin a Wetlan	VAC X	. No
Wetland Hydrology Present? Yes X	No	_			
Remarks: The majority of the vegetation on the site ha	s been dist	urbed due to	past land use	es. This feature was sample	ed during the growing season ar
meets the wetland criteria.				·	
VEGETATION – Use scientific names of plants	Absolute	Dominant	Indicator	Dominance Test works	hoot
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Sp	
1. none				That Are OBL, FACW, o	
2				Total Number of Domina	
3				Species Across All Strata	i (D)
4				Percent of Dominant Spe That Are OBL, FACW, o	
		= Total Cove	er	That Are Obl., I ACVV, 0	100% (ND)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index work	
2				Total % Cover of: OBL species	Multiply by:
3				· -	x 1 =
4				FACW species	_
5		= Total Cove		FACU species	
Herb Stratum (Plot size:)		- Total Cove	5 1	UPL species	x 5 =
1. Psilocarphus brevissimus	20	Y	FACW	Column Totals:	(A) (B)
2. Plagiobothrys acanthocarpus	1	N	OBL		
3. Matricaria discoidea	3	N	FACU	Prevalence Index	c = B/A =
4. Salsola tragus	1	N	FACU	Hydrophytic Vegetation	n Indicators:
5. Deinandra fasciculata	1	N	FACU	X Dominance Test is	s >50%
6. Hordeum murinum	1	N	FACU	Prevalence Index	is ≤3.0¹
7. Spergularia bocconi	1	N	FACW		aptations ¹ (Provide supporting
8. Plantago elongata	1	N	FACW	data in Remark	s or on a separate sheet)
	29	= Total Cov	ver	Problematic Hydro	ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)					
1. none					l and wetland hydrology must
2				be present, unless distu	irbed or problematic.
		= Total Cove	er	Hydrophytic	
% Bare Ground in Herb Stratum 71 % Co	ver of Biotic	Crust	0	Vegetation Present? Ye	es X No
		-			
Remarks: Sample area is a vernal pool that receives ru three vernal pool plant indicator species (Psilocarphus b					
, , and a production of the control		95 510	J,	5	,

SOIL Sampling Point: 15-WET

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featı	ıres		_	,
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-4	10YR 3/2	95	7.5YR 4/6	5	C	RC	sandy clay	redox observed as ox. rhizospheres
4-18	10YR 4/3	100					clay	
							-	
							<u> </u>	·
							-	
					·		-	
	ncentration, D=Depletion					S. ²		Lining, RC=Root Channel, M=Matrix.
=	Indicators: (Applica	ible to all I						or Problematic Hydric Soils ³ :
Histosol	I (A1) pipedon (A2)			edox (S5 Matrix (S				ck (A9) (LRR C) ck (A10) (LRR B)
	istic (A3)			Nath (C	,			Vertic (F18)
	en Sulfide (A4)			Sleyed Ma				ent Material (TF2)
Stratifie	d Layers (A5) (LRR C	;)		l Matrix (F			Other (E	xplain in Remarks)
	uck (A9) (LRR D)		X Redox D		` '			
	d Below Dark Surface ark Surface (A12)	e (A11)		l Dark Su epressio	rface (F7)		3Indicators of	hydrophytic vegetation and
	Mucky Mineral (S1)			ools (F9)	is (Fo)			nydrology must be present,
	Gleyed Matrix (S4)			00.0 (1 0)				sturbed or problematic.
	Layer (if present):							·
Type:	Layor (ii procent):							
Depth (inc	hes):						Hydric Soil Pres	sent? Yes X No
Remarks: m	neets redox dark surfa	ce indicato	ur .					
rtomanto. II	iooto rodox dant odne	ioo iridioato	'					
HYDROLOG	GY							
	drology Indicators:						Seco	ndary Indicators (2 or more required)
_	icators (minimum of o		d; check all that apply	/)				Vater Marks (B1) (Riverine)
Surface	Water (A1)	•	Salt Crust	(B11)			s	ediment Deposits (B2) (Riverine)
High W	ater Table (A2)		X Biotic Cru	st (B12)				rift Deposits (B3) (Riverine)
Saturati	ion (A3)		Aquatic Ir	vertebrat	es (B13)		<u> </u>	rainage Patterns (B10)
Water N	Marks (B1) (Nonriver i	ine)	Hydrogen	Sulfide (Odor (C1)			ry-Season Water Table (C2)
Sedime	ent Deposits (B2) (No	nriverine)			eres along			hin Muck Surface (C7)
	posits (B3) (Nonrive	rine)			ed Iron (C4	•		rayfish Burrows (C8)
	Soil Cracks (B6)	(D			tion in Tilled	d Soils (C		aturation Visible on Aerial Imagery (C9)
	ion Visible on Aerial I Stained Leaves (B9)	magery (B	7)Thin Mucl Other (Ex		. ,			hallow Aquitard (D3) AC-Neutral Test (D5)
	` ′			piairiiiii	Ciriains)		'	AO-Nedital Test (Do)
Field Obser			No. V. Donath (in al	\				
Surface Wat Water Table			No X Depth (inch			_		
Saturation P			No X Depth (inch			— Wetla	and Hydrology F	Present? Yes X No
(includes cap			Tro X Bopar (mor			_ '''	ilia riyarology i	100 <u>X</u> 10
	orded Data (stream g	auge, mon	itoring well, aerial ph	otos, prev	ious inspe	ctions), if	available: n/a	
Remarks: All	hough no surface wa	tor was are	cent at the time of th	a dalinas	tion ovides	nce of our	ane soil areals a	nd biotic crust indicate that the area
	and supports wetland		Som at the tille Of (f)	o u c iii led	uon, eviuen	ioc oi sull	auc sun uiduks d	nd pione order mulcate that the died
		,						

Project/Site: Southwest Village Specific Pl	an		City/Cou	nty: <u>San Dieg</u>	o, CA	_Sampling Date: March 4, 2018			
Applicant/Owner: Pardee Homes	pplicant/Owner: Pardee Homes State: CA Sampling Point: 16-WET								
Investigator(s): Beth Procsal, JR Sundberg	3		Section	, Township, R	ange: Section 31, T18S	R01W			
Landform (hillslope, terrace, etc.): mesa to				lief (concave,	convex, none): concave	Slope (%): 0-2			
Subregion (LRR): LRR-C		Lat:	 32.55886	•	Long: -117.01907				
Soil Map Unit Name: Huerhuero loam, 2 t	o 9 percent s				NWI classificati				
Are climatic / hydrologic conditions on the				X No	(If no explain in	Remarks)			
Are Vegetation X, Soil , or I			-						
Are Vegetation, SoilX, or I	·					<u> </u>			
SUMMARY OF FINDINGS – Attach	site map sh	nowing sa	mpling poi	nt locations	s, transects, importar	t features, etc.			
Hydrophytic Vegetation Present?	Yes X	_No							
	Yes X	No		he Sampled	Yes	X No			
	Yes X	 No	— wit	hin a Wetlan	d? —				
Remarks: The majority of the vegetation	on the site ha	e heen diet	urbed due to	naet land use	se. This feature was samp	led during the growing season and			
meets the wetland criteria.	on the site ha	is been dist	urbed due to	past land use	s. This leature was samp	led during the growing season and			
VEGETATION – Use scientific name	s of plants	S .							
Tree Stratum (Diet size)	\	Absolute	Dominant Species?	Indicator	Dominance Test work	sheet:			
Tree Stratum (Plot size:	/	% Cover	Species?	Status	Number of Dominant S				
2					That Are OBL, FACW,	. ,			
					Total Number of Domin Species Across All Stra				
4.					Percent of Dominant Sp	pecies			
			= Total Cov	er	That Are OBL, FACW,	or FAC:100(A/B)			
Sapling/Shrub Stratum (Plot size:)								
1. none					Prevalence Index wor	ksheet:			
2.					Total % Cover of:	Multiply by:			
3.					OBL species	x 1 =			
4.					FACW species	x 2 =			
5.					FAC species	x 3 =			
			= Total Cov	er	FACU species	x 4 =			
Herb Stratum (Plot size:)				UPL species	x 5 =			
1. Psilocarphus brevissimus		25	Y	FACW	Column Totals:	(A)(B)			
2. Matricaria discoidea		8	N	FACU	Prevalence Inde	ex = B/A =			
3. Plantago elongata		1	N	FACW					
4. Spergularia bocconi		1	N	FACW	Hydrophytic Vegetation	on Indicators:			
5. Cressa truxillensis		1	N	FACW	_X Dominance Test	is >50%			
6. Deinandra fasciculata		1	N	FACU	Prevalence Index	is ≤3.0¹			
7. Hordeum murinum		3	N	FACU		daptations ¹ (Provide supporting			
8. Plagiobothrys acanthocarpus		1	N	OBL	data in Remai	rks or on a separate sheet)			
		41	= Total Co	ver	Problematic Hydi	rophytic Vegetation¹ (Explain)			
Woody Vine Stratum (Plot size:)				4				
1. none					¹ Indicators of hydric so be present, unless dis	oil and wetland hydrology must			
2					be present, unless dis				
			= Total Cov	er	Hydrophytic				
% Bare Ground in Herb Stratum 59	% Co	ver of Biotic	Crust	0	Vegetation Present?	es X No			
Remarks: Sample area is a vernal pool that				all local micro					
plant indicator species (Psilocarphus brevis						טטי מושט שעףטרנא נווויפפ עפווומו 1900			
, , , ,	•	, ,	· ·	-	• •				

SOIL Sampling Point: 16-WET

Profile Desc	cription: (Describe t	o the depth ne	eded to docum	ent the in	dicator or o	onfirm	the absence	e of ind	icators.)	,	
Depth	Matrix			dox Featu						_	
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	Textu			Rema	ırks
0-4	10YR 3/2	99 10	YR 3/6	1		M/RC	clay		sparse re	edox	
4-18	10YR 4/3	100					clay		no redox		
							_				
							_				
1 0 0		- 					2		. 50 5	2 101	
	ncentration, D=Depletion Indicators: (Application)	-				•	² Location: PL:			atic Hydric	
Histoso	`	able to all LKP	•	Redox (S5)	•				(A9) (LR	•	, solis .
	pipedon (A2)			l Matrix (S					(A9) (LN (A10) (L	,	
	listic (A3)			Mucky Min	-				ertic (F18		
	en Sulfide (A4)			Gleyed Ma	` '				t Material	,	
	d Layers (A5) (LRR	C)		d Matrix (F					lain in Re	. ,	
1 cm M	uck (A9) (LRR D)		Redox E	ark Surfa	ce (F6)						
	d Below Dark Surfac	ce (A11)		d Dark Su	` '						
	ark Surface (A12)			Depression	ns (F8)					c vegetatio	
	Mucky Mineral (S1)		Vernal F	Pools (F9)				-		ust be pres	
Sandy 0	Gleyed Matrix (S4)						unie	ess disti	irbed or p	oroblematic	-
_	Layer (if present):										
Type:			-								
Depth (inc	:hes):		-				Hydric Soi	l Preser	nt? \	res X	_ No
depth, saline	nd wetland hydrolog conditions, or other						may lack hyd	IIIC SOII	mulcators	s due to IIII	
HYDROLO											
_	ydrology Indicators										r more required)
	icators (minimum of	one required; cl	•							(B1) (Rive	*
	e Water (A1)		Salt Crus	,			-) (Riverine)
•	ater Table (A2)		X Biotic Cru	, ,	(D40)		-		•	s (B3) (Riv	,
	ion (A3)			nvertebrat	, ,		-		•	tterns (B10	,
	Marks (B1) (Nonrive	•	· ·	n Sulfide C	, ,	is since D	(02)			Water Tabl	
	ent Deposits (B2) (No	•		•	eres along L	-	oois (C3)	_		urface (C7)	,
	eposits (B3) (Nonrive	erine)			ed Iron (C4)				•	rows (C8)	orial Imagan, (CO)
	e Soil Cracks (B6)	Imagan, (P7)			tion in Tilled	30115 (0	JO) .				erial Imagery (C9)
	tion Visible on Aerial Stained Leaves (B9)	imagery (b7)		k Surface oplain in R	. ,		-		-	itard (D3) Test (D5)	
			Other (E)	(piaiii iii iX	emaiks)		•		J-INGULIAI	Test (D3)	
Field Obser		/ N-	V Destable Cons	L V							
Surface Wat			X_ Depth (inc			-					
Water Table		Yes No	· `			_	امسارا المسار	· D		V V	/ No
Saturation P (includes car		Yes No	Depth (inc	nes):		_ vvet	land Hydrol	ogy Pre	sent?	Yes X	No
	corded Data (stream	gauge, monitori	ng well, aerial ph	notos, prev	ious inspec	tions), it	f available: r	ı/a			
	`				·	,.					
	though no surface w		t at the time of th	ne delineat	ion, eviden	ce of su	rface soil cra	cks and	biotic cru	ust indicate	that the area
ponds water a	and supports wetland	a nyarology.									

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA	Sampling Date: March 4, 2018				
Applicant/Owner: Pardee Homes	pplicant/Owner: Pardee Homes State: CA Sampling Point: 17-WET								
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S I	R01W				
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%): 0-2				
Subregion (LRR): LRR-C	ubregion (LRR): LRR-C Lat: 32.55891								
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s		on: Freshwater Emergent Wetland							
Are climatic / hydrologic conditions on the site typical fo	r this time of	f year? Yes	X No	o (If no, explain in	Remarks.)				
Are Vegetation X, Soil , or Hydrology									
Are Vegetation , Soil X, or Hydrology	 natura	ally problema	tic? Yes	(If needed, explain any an	swers in Remarks.)				
									
SUMMARY OF FINDINGS – Attach site map si	nowing sa	mpling poli	nt locations	s, transects, importan	it features, etc.				
Hydrophytic Vegetation Present? Yes X	_No	_ 1- 41	0 11	A					
Hydric Soil Present? Yes X	No		he Sampled hin a Wetlan	YAC	X No				
Wetland Hydrology Present? Yes X	No	_ '''	ini a victian	u.					
Remarks: The majority of the vegetation on the site hameets the wetland criteria.		urbed due to	past land use	es. This feature was sampl	ed during the growing season and				
VEGETATION – Use scientific names of plant	S. Absolute	Dominant	Indicator	Dominance Test work	shoot:				
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Sp					
1. none				That Are OBL, FACW, of					
2				Total Number of Domini Species Across All Stra					
4				Percent of Dominant Sp					
4.		= Total Cove	 er	That Are OBL, FACW, o	or FAC: <u>100%</u> (A/B)				
Sapling/Shrub Stratum (Plot size:)									
1. none				Prevalence Index work	ksheet:				
2.				Total % Cover of:	Multiply by:				
3.				OBL species	x 1 =				
4.				FACW species	x 2 =				
5				FAC species					
		= Total Cove	er	FACU species	x 4 =				
Herb Stratum (Plot size:)				UPL species	x 5 =				
Psilocarphus brevissimus	7	Y	FACW	Column Totals:	(A)(B)				
2. Chrysanthemum coronarium	1	N	UPL	Prevalence Inde	ex = B/A =				
3. Deinandra fasciculata		N	FACU						
4. Plagiobothrys acanthocarpus	1	N	OBL	Hydrophytic Vegetation					
5. Mesembryanthemum nodiflorum		N	FACU	X Dominance Test					
6. Salsola tragus		N	FACU	Prevalence Index					
7. Matricaria discoidea	1	N	FACU_		laptations ¹ (Provide supporting ks or on a separate sheet)				
8	13	= Total Cov			,				
Woody Vine Stratum (Plot size:)		- 10tal C01	vei	Problematic Hydr	rophytic Vegetation¹ (Explain)				
1. none				1 Indicators of hydric so	il and wetland hydrology must				
2				be present, unless dist					
2		= Total Cove	 er	Hydrophytic					
% Bare Ground in Herb Stratum 87 % Co	over of Biotic		0	Vegetation	es X No				
Remarks: Sample area is a vernal pool that receives ru									
two vernal pool plant indicator species (Psilocarphus br					uropriyilo vegetation, as well as				
		J	-	. ,					

SOIL Sampling Point: 17-WET

	ription: (Describe to	the depth n				onfirm t	the absence of i	indicators.)
Depth (inches)	Matrix Color (moist)	<u></u> %	Color (moist)	dox Featur		Loc ²	- Texture	Remarks
	Color (moist)		, , , , , , , , , , , , , , , , , , , ,		Type ¹			Remarks
0-1	19YR 3/1	99 7.	5YR 4/4	1		RC	sandy clay	redox in top 1" (on rhizosphere)
1-18	10YR 5/3	100					sandy clay	
							_	
							_	
	ncentration, D=Depletion					- 2		Lining, RC=Root Channel, M=Matrix.
_	Indicators: (Applications)	able to all LR						or Problematic Hydric Soils ³ :
Histosol	pipedon (A2)			Redox (S5) I Matrix (S6				uck (A9) (LRR C) uck (A10) (LRR B)
	istic (A3)			Mucky Mine	,			d Vertic (F18)
	en Sulfide (A4)			Gleyed Mat	` '			rent Material (TF2)
	d Layers (A5) (LRR (C)		d Matrix (F				Explain in Remarks)
	uck (A9) (LRR D)	,		Oark Surfac	•			· · · · · · · · · · · · · · · · · · ·
Deplete	d Below Dark Surfac	e (A11)		d Dark Sur				
	ark Surface (A12)			Depression	s (F8)			f hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal F	Pools (F9)				hydrology must be present,
	Gleyed Matrix (S4)						unless d	isturbed or problematic.
_	Layer (if present):							
Type:			_					
Depth (inc	hes):		_				Hydric Soil Pre	sent? Yes X No No
hydrology. T		l pool that is s	easonally ponded					ors of hydrophytic vegetation and wetland ed saturation depth, saline conditions, or
HYDROLOG	GY							
Wetland Hy	drology Indicators:						Seco	ondary Indicators (2 or more required)
Primary Indi	icators (minimum of o	one required; o	check all that appl	y)			V	Vater Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		X Biotic Cru	ust (B12)				Orift Deposits (B3) (Riverine)
Saturati	ion (A3)		Aquatic I	nvertebrate	es (B13)			Orainage Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)			Ory-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along L	iving Ro	ots (C3)1	Γhin Muck Surface (C7)
Drift De	posits (B3) (Nonrive	rine)	Presence	of Reduce	ed Iron (C4)			Crayfish Burrows (C8)
X Surface	Soil Cracks (B6)		Recent Ir	on Reducti	ion in Tilled	Soils (C	6)8	Saturation Visible on Aerial Imagery (C9)
Inundat	ion Visible on Aerial l	magery (B7)	Thin Muc	k Surface ((C7)		8	Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	oplain in Re	emarks)		F	FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat	er Present? Y		o X Depth (inc			_		
Water Table	Present? Y		o Depth (inc			_		
Saturation P (includes car		es N	oDepth (inc	hes):		_ Wetla	and Hydrology I	Present? Yes X No
	orded Data (stream o	gauge, monito	ring well, aerial ph	notos, previ	ious inspect	tions), if	available: n/a	
Damastic At		4						and biatic amount indicate that the con-
	hough no surface wa and supports wetland		nt at the time of th	ne delineati	ion, evidend	e ot sur	race soil cracks a	and biotic crust indicate that the area
Police Water	ana supponte wettand	nyarology.						

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 18-WET
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	 32.55890682	570	Long: -117.01920294200 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	x No	(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ed? Yes	Are "Normal Circumstances" present? Yes X No
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes	No X	_	Cld	A
Hydric Soil Present? Yes	No X	is u	ne Sampled <i>i</i> nin a Wetland	YAS NO X
Wetland Hydrology Present? Yes X	_No	_ """	u Troudin	<u> </u>
does not meet the wetland criteria. VEGETATION – Use scientific names of plants		arbed due to	past land use	es. This feature was sampled during the growing season and
T 0. (D) (Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1.	% Cover	Species?	Status	Number of Dominant Species
				That Are OBL, FACW, or FAC: 0 (A) Total Number of Dominant
3.				Species Across All Strata: 1 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species1 x 1 =1
4				FACW species 1 x 2 = 2
5				FACULT PROJECT 10 X 3 = 0
Harle Christians (Diet sine)		= Total Cove	er	FACU species 16 x 4 = 64 UPL species 0 x 5 = 0
Herb Stratum (Plot size:) 1. Hordeum murinum	15	Υ	FACU	UPL species 0 x 5 = 0 Column Totals: 18 (A) 67 (B)
2. Bromus hordeaceus	1	N	FACU	Column Totals(B)
3. Plagiobothrys acanthocarpus		N	OBL	Prevalence Index = B/A = 3.7
4. Psilocarphus brevissimus	1	N	FACW	Hydrophytic Vegetation Indicators:
				Dominance Test is >50%
6.				Prevalence Index is ≤3.0¹
7.				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	18	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:				
1				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2	-	= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 82 % Co	ver of Biotic		0	Vegetation Present? Yes No X
Remarks: Sample area is a vernal pool that receives ru				
predomince of hydrophytic vegetation, it does support to acanthocarpus).				

SOIL Sampling Point: 18-WET

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	res						
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	i	
0-1	10YR 3/2	99	7.5YR 4/4	1	С	RC	sandy clay				
1-18	10YR 4/2	100					sandy clay	no redo	x		
- 10	101111112						- Garray Glay		<u> </u>		
							-				
	ncentration, D=Depletion					s. ²			=Root Channel, M		
Hydric Soil	Indicators: (Applica	able to all	LRRs, unless other	wise note	d.)		Indicators	for Proble	matic Hydric S	oils³:	
Histosol	` '			Redox (S5)				1uck (A9) (L			
	pipedon (A2)			Matrix (S	,			1uck (A10) (
	istic (A3)			Aucky Min				ed Vertic (F			
	en Sulfide (A4)	•\		Sleyed Ma				arent Materi			
	d Layers (A5) (LRR (uck (A9) (LRR D)	•)		d Matrix (F)ark Surfa	,		Other (Explain in F	Remarks)		
	d Below Dark Surfac	- (Δ11)		d Dark Sui	` '						
	ark Surface (A12)	3 (7 (1 1)		epression	` ,		3Indicators	of hydrophy	tic vegetation a	nd	
	Mucky Mineral (S1)			Pools (F9)	- ()				must be presen		
	Gleyed Matrix (S4)			(- /					problematic.	,	
	Layer (if present):								•		
Type:	Layer (ii present).										
	hoo):						Lludria Sail Dr	ocent?	Yes	No V	,
Depth (inc	nes).						Hydric Soil Pro	esent?	res	No>	<u> </u>
HYDROLOG	2V										
	/drology Indicators:						Soc	ondary Inc	licators (2 or n	oro roa	uirod)
-	icators (minimum of c		d: check all that annly	<i>(</i>)			·		ks (B1) (Riverin		uii eu j
	`	nie require	•••								
	Water (A1)		Salt Crus						Deposits (B2) (R		
	ater Table (A2)		Biotic Cru		(D40)				its (B3) (Riveri	1 e)	
Saturati	` '	! \		nvertebrate	` '			_	atterns (B10)	CO)	
	Marks (B1) (Nonriver	•	Hydroger			Listan Da		-	n Water Table (C2)	
	ent Deposits (B2) (No	,			eres along	-			Surface (C7)		
	posits (B3) (Nonrive	rine)			ed Iron (C4	-		Crayfish Bu	• •		. (00)
	Soil Cracks (B6)				ion in Tille	a Solis (Ci			Visible on Aeria	ımager	y (C9)
	ion Visible on Aerial I	magery (B	· —					Shallow Aq			
vvaler-s	Stained Leaves (B9)		Other (Ex	plain in R	emarks)			FAC-Neutra	al Test (D5)		
Field Obser	vations:										
Surface Wat	er Present? Y	es	No X Depth (incl	nes):		_					
Water Table	Present? Y	es	No Depth (incl	nes):		_					
Saturation P		es	No Depth (incl	nes):		Wetla	and Hydrology	Present?	Yes X	No	
(includes car											
Describe Rec	orded Data (stream o	gauge, mor	nitoring well, aerial ph	otos, prev	ious inspe	ctions), if a	available: n/a				
Remarks: Alt	hough no surface wa	ter was are	seant at the time of th	e dolinact	ion oviden	oce of curr	ace soil areals	indicate the	at the area name	e water	
nemans. All	nough no surface Wa	ter was pre	soem at the tille of th	e uemieal	iori, eviden	ice oi suff	au c sun ciacks	mulcate tha	it the area pond	s water.	

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 19
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:	32.55896087	080	Long: -117.01923821000 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical fo	r this time of	f year? Yes	x No	o(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology	signif	icantly disturb	ed? Yes	Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology	natura	ally problema	tic? Yes	(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sl	nowing sa	mpling poi	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			
Hydric Soil Present? Yes	No X		ne Sampled . nin a Wetland	Yes No X
Wetland Hydrology Present? Yes X	No	•••••	iiii a vvetiaiii	u:
Remarks: The majority of the vegetation on the site had does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sampled during the growing season and
	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1. <u>none</u> 2.				That Are OBL, FACW, or FAC: 1 (A)
3				Total Number of Dominant Species Across All Strata: 2 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC: 50 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3				OBL species 0 x 1 = 0
4				FACW species1 x 2 =2
5				FAC species 1 x 3 = 3
, , , , , , , , , , , , , , , , , , ,		= Total Cove	er	FACU species 2 x 4 = 8
Herb Stratum (Plot size:)	0	V	E40\4/	UPL species 1 x 5 = 5 Column Totals: 5 (A) 18 (B)
1. Psilocarphus brevissimus		Y	FACU	Column Totals:5 (A)18 (B)
Hordeum murinum Matricaria discoidea	7	Y	FACU FACU	Prevalence Index = B/A = 3.6
4. Lolium perenne	1	N	FAC	Hydrophytic Vegetation Indicators:
5. Chrysanthemum coronarium	1	N	UPL	Dominance Test is >50%
				Prevalence Index is ≤3.0¹
7				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	13	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:				
1. <u>none</u> 2.				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum87 % Co	ver of Biotic		0	Vegetation Present? Yes No X
Remarks: Sample area is a vernal pool that receives ru				
predomince of hydrophytic vegetation, it does support of	one vernal po	ool plant indic	ator species	(Psilocarphus brevissimus).

SOIL Sampling Point: 19

Profile Desc Depth	cription: (Describe to Matrix	o the depth ne		ent the in edox Featı		confirm	the absence of	of indicators.)
(inches)	Color (moist)	<u></u> %	Color (moist)	%	Type ¹	Loc ²	— Texture	Remarks
(11101100)			Color (moloc)		, , , ,			
		- — —						
·							_	
								· ·
		- — —						
		- — —					_	
¹ Type: C=Co	ncentration, D=Depletion	n, RM=Reduced	Matrix, CS=Covere	ed or Coated	Sand Grair	 ns.	² Location: PL=Po	ore Lining, RC=Root Channel, M=Matrix.
Hydric Soi	Indicators: (Applic	able to all LRF	Rs, unless other	rwise note	ed.)			s for Problematic Hydric Soils ³ :
Histoso	٠		•	Redox (S5	•			Muck (A9) (LRR C)
_	pipedon (A2)			d Matrix (S				Muck (A10) (LRR B)
_				•	,			
	listic (A3)			Mucky Mir				ced Vertic (F18)
	en Sulfide (A4)			Gleyed Ma				Parent Material (TF2)
	d Layers (A5) (LRR	C)		ed Matrix (F	,		Other	(Explain in Remarks)
	uck (A9) (LRR D)			Dark Surfa	, ,			
	ed Below Dark Surface	:e (А11)		ed Dark Su	` ,		2	
	ark Surface (A12)			Depressior				s of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal l	Pools (F9)				nd hydrology must be present,
Sandy	Gleyed Matrix (S4)						unless	s disturbed or problematic.
Restrictive	Layer (if present):							
Type:								
Depth (inc	hes).		_				Hydric Soil P	Present? Yes No X
			-				-	
							et the hydrophy	tic vegetation standard to be considered a
wetland. The	erefore, no soil pit wa	as dug and hydr	ric soils are not c	onsidered	to be pres	ent.		
HYDROLO								
	ydrology Indicators						Se	econdary Indicators (2 or more required
Primary Ind	icators (minimum of	one required; c	heck all that app	ly)				_Water Marks (B1) (Riverine)
Surface	e Water (A1)		Salt Crus	st (B11)			<u> </u>	Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		X Biotic Cr	ust (B12)				Drift Deposits (B3) (Riverine)
	ion (A3)			Invertebrat	es (B13)			_ Drainage Patterns (B10)
	Marks (B1) (Nonrive	rino)		n Sulfide C			-	Dry-Season Water Table (C2)
	, , ,	•			, ,	. Lisaina a D		– •
	ent Deposits (B2) (No	· ·		I Rhizosph	_		00ls (C3)	_Thin Muck Surface (C7)
Drift De	eposits (B3) (Nonriv e	rine)		e of Reduc	,	,		_Crayfish Burrows (C8)
X Surface	e Soil Cracks (B6)		Recent I	ron Reduc	tion in Tille	ed Soils (0	C6)	_Saturation Visible on Aerial Imagery (C9
Inunda	tion Visible on Aerial	Imagery (B7)	Thin Mu	ck Surface	(C7)			_ Shallow Aquitard (D3)
Water-	Stained Leaves (B9)		Other (E	xplain in R	emarks)			FAC-Neutral Test (D5)
	41		<u> </u>					_ ` ` ` '
Field Obser								
Surface Wat			X_Depth (inc					
Water Table			Depth (inc					
Saturation P	resent?	res No	Depth (inc	ches):		Wet	land Hydrolog	y Present? Yes X No
(includes ca	pillary fringe)							
Describe Red	corded Data (stream	gauge, monitor	ing well, aerial p	hotos, prev	ious inspe	ections), i	f available: n/a	
	•	•						s and biotic crust indicate that the area
supports wetl	and hydrology. Wate	er table level and	d saturation are	not known	as a soil p	it was no	ot dug.	

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 20-WET
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top			lief (concave	, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:			Long: -117.01925 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent				
Are climatic / hydrologic conditions on the site typical for				
				Are "Normal Circumstances" present? Yes X No
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map s				
Hydrophytic Vegetation Present? Yes X	_No	_ le ti	he Sampled	Arna
Hydric Soil Present? Yes X	_No		nin a Wetlan	YAS X NO
Wetland Hydrology Present? Yes X	_No	_		
weets the wetland criteria. VEGETATION – Use scientific names of plant	s.			es. This feature was sampled during the growing season and
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1.	70 00101			Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2.				Total Number of Dominant
3				Percent of Dominant Species (B)
4	-	= Total Cove		That Are OBL, FACW, or FAC: 50(A/B)
Sapling/Shrub Stratum (Plot size:)		- Total Cove	3 1	
				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species1 x 1 =1
4.				FACW species4 x 2 =8
5.				FAC species0 x 3 =0
		= Total Cove	er	FACU species 5 x 4 = 20
Herb Stratum (Plot size:)				UPL species1 x 5 = 5
Psilocarphus brevissimus	3	Y	FACW	Column Totals:11 (A)32(B)
2. Plantago elongata	1	N	FACW	Prevalence Index = B/A = 2.9
3. Bromus madritensis	1	N	UPL	
4. Hordeum murinum		N	FACU	Hydrophytic Vegetation Indicators:
5. Matricaria discoidea		N	FACU	Dominance Test is >50%
Erodium botrys Plagiobothrys acanthocarpus	1	Y	FACU_ OBL	X Prevalence Index is ≤3.0¹
8.		N		Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
o	11	= Total Cov		Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)		Total Go	701	Froblematic Hydrophytic Vegetation (Explain)
,				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum89 % Co	over of Biotic	: Crust	0	Vegetation Present? Yes X No
Remarks: Sample area is a vernal pool that receives re				
predomince of hydrophytic vegetation, as well as three Plagiobothrys acanthocarpus).				

SOIL Sampling Point: 20-WET

Profile Desc Depth	ription: (Describe to Matrix	o the depth		ent the inc dox Featu		confirm t	he absence of i	indicators.)
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
0-2	10YR 4/2	100	()				clay	no redox
2-6	10YR 4/2		10YR 3/6	1		M	clay	sparse redox here
			10110 3/0			IVI		- - '
6-18	10Yr 4/2	100					_ clay	no redox
							_	
¹ Type: C=Coi	ncentration, D=Depletion	n, RM=Reduce	ed Matrix, CS=Covered	d or Coated	Sand Grain	s. ²	Location: PL=Pore	Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applic	able to all L	RRs, unless other	wise note	d.)		Indicators f	or Problematic Hydric Soils ³ :
Histoso	(A1)		Sandy F	Redox (S5))		1 cm Mu	uck (A9) (LRR C)
	pipedon (A2)			l Matrix (S	•		2 cm Mu	uck (A10) (LRR B)
	istic (A3)			Mucky Min	. ,			d Vertic (F18)
	en Sulfide (A4)			Gleyed Ma				rent Material (TF2)
	d Layers (A5) (LRR (C)	_x_Depleted	•	,		Other (E	Explain in Remarks)
	uck (A9) (LRR D)	(4.44)		Oark Surfa	` '			
	d Below Dark Surfac	e (A11)		d Dark Su			31	Character than the comment of the comment
	ark Surface (A12)			Depression	is (F8)			of hydrophytic vegetation and
_ ·	Mucky Mineral (S1) Gleyed Matrix (S4)		vernai F	Pools (F9)				hydrology must be present, isturbed or problematic.
							unicos u	istarbed of problematic.
Type:	Layer (if present):							
Depth (inc	hos):						Hydric Soil Pre	sent? Yes X No
	parse redox features		_				Trydric Soil Fre	Selit: 165 X NO
			,					
HYDROLOG	GY							
Wetland Hy	drology Indicators	:					Seco	ondary Indicators (2 or more required)
Primary Ind	cators (minimum of	one required	; check all that appl	y)			V	Vater Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		X Biotic Cru	ıst (B12)				Orift Deposits (B3) (Riverine)
Saturat	on (A3)		Aquatic I	nvertebrate	es (B13)			Orainage Patterns (B10)
Water N	Marks (B1) (Nonrive i	ine)	Hydroger	n Sulfide C	dor (C1)			Ory-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)1	Thin Muck Surface (C7)
Drift De	posits (B3) (Nonrive	rine)	Presence	of Reduc	ed Iron (C	4)		Crayfish Burrows (C8)
X Surface	Soil Cracks (B6)		Recent Ir	on Reduct	ion in Tille	d Soils (C	6)	Saturation Visible on Aerial Imagery (C9)
Inundat	ion Visible on Aerial	Imagery (B7)) Thin Muc	k Surface	(C7)			Shallow Aquitard (D3)
	Stained Leaves (B9)			plain in R				FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		'es l	No X Depth (inc	hes):				
Water Table			No Depth (inc					
Saturation P			No Depth (inc				and Hydrology I	Present? Yes X No
(includes cap				· —			,	
Describe Rec	orded Data (stream	gauge, monit	toring well, aerial ph	otos, prev	ious inspe	ctions), if	available: n/a	
Remarks: Alt	hough no surface wa	ater was nres	ent at the time of th	ne delineat	ion evider	nce of surf	ace soil cracks a	and biotic crust indicate that the area
	and hydrology.				, 571401	51 5411		and and and and

Project/Site: fc		City/Coun	nty: San Dieg	o, CA Sampling Date: March 4, 2018						
Applicant/Owner: Pardee Homes	State: CA Sampling Point: 21									
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W						
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2						
Subregion (LRR): LRR-C	Lat: 3	32.55899		Long: -117.019300 Datum: NAD83						
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl				NWI classification: Freshwater Emergent Wetland						
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in Remarks.)						
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ed? Yes	Are "Normal Circumstances" present? Yes X No						
Are Vegetation Soil , or Hydrology										
SUMMARY OF FINDINGS – Attach site map sh										
Hydrophytic Vegetation Present? Yes	No X	_	aa Cammiad	Avon						
	No X		ne Sampled <i>i</i> nin a Wetland	YAS NO X						
Wetland Hydrology Present? Yes X	No	_								
	rology of the getation to t	e seasonal de	epressions/ve	es. The natural hydrology of the area, in general, has been ernal pools are problematic due to the seasonality of their bring months each year.						
	Absolute	Dominant	Indicator	Dominance Test worksheet:						
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species						
1. <u>none</u> 2.				That Are OBL, FACW, or FAC: 1 (A)						
3				Total Number of Dominant Species Across All Strata: 2 (B)						
				Percent of Dominant Species						
T		= Total Cove		That Are OBL, FACW, or FAC: 50% (A/B)						
Sapling/Shrub Stratum (Plot size:)										
1. none				Prevalence Index worksheet:						
2.				Total % Cover of: Multiply by:						
3.				OBL species1 x 1 =1						
4				FACW species 3 x 2 = 6						
5				FAC species 0 x 3 = 0						
		= Total Cove	er	FACU species 3 x 4 = 12						
Herb Stratum (Plot size:)			0.51	UPL species 4 x 5 = 20						
1. Plagiobothrys acanthocarpus	1	N	OBL	Column Totals:11 (A)39(B)						
2. Psilocarphus brevissimus	1	Y	FACW	Prevalence Index = B/A = 3.5						
Matricaria discoidea Salsola tragus	1	N	FACU FACU	Hydrophytic Vegetation Indicators:						
Salsola tragus Phalaris minor	3	N 	UPL							
6. Chrysanthemum coronarium	1	N	UPL	Dominance Test is >50% Prevalence Index is ≤3.0¹						
7. Bromus hordeaceus	1	N	FACU	Morphological Adaptations ¹ (Provide supporting						
8.				data in Remarks or on a separate sheet)						
	11	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)						
Woody Vine Stratum (Plot size:				: 102:0:11.00:11.11.11.11.11.11.11.11.11.11.11.11.11.						
1. none				¹ Indicators of hydric soil and wetland hydrology must						
2.				be present, unless disturbed or problematic.						
		= Total Cove	er	Hydrophytic						
% Bare Ground in Herb Stratum90	ver of Biotic	Crust	0	Vegetation Present? Yes X No						
Remarks: Sample area is a vernal pool that receives rule										
predomince of hydrophytic vegetation, it does support twacanthocarpus).	vo vernal po	ool plant indic	ator species ((Psilocarphus brevissimus and Plagiobothrys						

	ription: (Describe t	o the depth nee				confirm t	the absence	of indicate	ors.)	
Depth	Matrix			edox Featu					_	
(inches)	Color (moist)		color (moist)	%	Type ¹	Loc ²	Textur	<u>e</u>	Rema	ırks
							_			
	-									_
							_			
							_			
				- ——						
¹ Type: C=Co	ncentration, D=Depletion	n, RM=Reduced M	atrix, CS=Covere	ed or Coated	Sand Grains	s. ²	² Location: PL=	Pore Lining, F	RC=Root Channel	I, M=Matrix.
Hydric Soil	Indicators: (Applic	able to all LRRs	s, unless othe	rwise note	d.)		Indicato	rs for Prob	lematic Hydric	Soils ³ :
Histoso	I (A1)		Sandy	Redox (S5)			1 cn	n Muck (A9)	(LRR C)	
Histic E	pipedon (A2)		Strippe	d Matrix (Se	3)		2 cm	n Muck (A10	(LRR B)	
Black H	istic (A3)		Loamy	Mucky Min	eral (F1)		Red	uced Vertic	(F18)	
Hydroge	en Sulfide (A4)		Loamy	Gleyed Ma	trix (F2)		Red	Parent Mat	terial (TF2)	
Stratifie	d Layers (A5) (LRR	C)	Deplete	ed Matrix (F	3)		Othe	er (Explain i	n Remarks)	
1 cm M	uck (A9) (LRR D)			Dark Surfac	` '					
	d Below Dark Surfac	ce (A11)	Deplete	ed Dark Sur	face (F7)					
Thick D	ark Surface (A12)		Redox	Depression	s (F8)				ohytic vegetatio	
Sandy I	Mucky Mineral (S1)		Vernal	Pools (F9)			wetla	and hydrolog	gy must be pres	sent,
Sandy 0	Gleyed Matrix (S4)						unles	ss disturbed	or problematic	•
Restrictive	Layer (if present):									
Type:										
Depth (inc	hes):						Hydric Soil	Present?	Yes	No X
							<u> </u>			
	he sampled area superefore, no soil pit wa						et the nyaropi	nytic vegeta	tion standard to	b be considered a
wettand. The	erelore, no son pit wa	as dug and riyund	, soils are not t	onsidered	to be prese	71 IL.				
HYDROLO	GΥ									
Wetland Hy	drology Indicators	:					9	Secondary	Indicators (2 o	r more required)
Primary Ind	icators (minimum of	one required; che	eck all that app	ly)				Water M	arks (B1) (Rive	rine)
Surface	Water (A1)		Salt Cru	st (B11)			_	 Sedimer	nt Deposits (B2)	(Riverine)
High W	ater Table (A2)		X Biotic Cı				_		oosits (B3) (Rive	,
ı —	ion (A3)			Invertebrate	es (B13)		_		e Patterns (B10	•
	Marks (B1) (Nonrive	rine)		n Sulfide O	, ,		_		son Water Tabl	
l —	ent Deposits (B2) (No			l Rhizosphe		Livina Ro			ck Surface (C7)	` '
l —		•			_	_			Burrows (C8)	
l —	posits (B3) (Nonrive	erine)		e of Reduc	-	•	-		` '	rial Imagan (CO)
ı —	Soil Cracks (B6)	I (D.7)		ron Reduct		a Solis (C				erial Imagery (C9)
l ——	ion Visible on Aerial	Imagery (B7)		ck Surface			_		Aquitard (D3)	
Water-S	Stained Leaves (B9)		Other (E	xplain in Re	emarks)		_	FAC-Ne	utral Test (D5)	
Field Obser	vations:									
Surface Wat	er Present?	Yes No_	X Depth (in	ches):						
Water Table	Present?	Yes No	Depth (in	ches):						
Saturation P		res No _	Depth (in	ches):		Wetla	and Hydrolo	gy Present	? Yes X	No
(includes ca									'	
Describe Rec	orded Data (stream	gauge, monitorin	g well, aerial p	hotos, prev	ious insped	ctions), if	available: n/	'a		
	hough no surface w	•								
	and hydrology. Wate onducted concurrent		saturation are	HOLKNOWN	as a soll pi	ι was not	aug aue to ti	ne ract that	protocol tairy sh	ıımp surveys
boiling to	aaotoa oorioarierit	.7.								
ĺ										

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: March 4, 2018						
Applicant/Owner: Pardee Homes	State: CA Sampling Point: 22-WET									
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W						
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	, convex, none): concave Slope (%): 0-2						
Subregion (LRR): LRR-C	Lat:	32.55881		Long: -117.02009 Datum: NAD83						
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None						
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)						
Are Vegetation X, Soil , or Hydrology										
				(If needed, explain any answers in Remarks.)						
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poli	nt locations	s, transects, important features, etc.						
Hydrophytic Vegetation Present? Yes X	_No	_ 1-41	0 1 1	A						
Hydric Soil Present? Yes X	_No		ne Sampled . nin a Wetland	YAS X NO						
Wetland Hydrology Present? Yes X	_No	_ """	iii a rrouaii	~ ·						
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	es. This feature was sampled during the growing season and						
meets the wetland criteria.		·	•	, 0 0						
VEGETATION – Use scientific names of plants		Danis	la di este a	Densing and Test werds beet.						
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:						
1. none				Number of Dominant Species That Are OBL, FACW, or FAC:5(A)						
2.				Total Number of Dominant						
3.				Species Across All Strata:5(B)						
4				Percent of Dominant Species That Are OBL. FACW. or FAC: 100% (A/B)						
		= Total Cove	er	That Are OBL, FACW, or FAC: 100% (A/B)						
Sapling/Shrub Stratum (Plot size:)										
1. <u>none</u>				Prevalence Index worksheet:						
2				Total % Cover of: Multiply by:						
3				OBL species x 1 =						
4				FACW species x 2 =						
5				FAC species x 3 =						
Harb Stratum (Diet size)		= Total Cove	er	FACU species x 4 = UPL species x 5 =						
Herb Stratum (Plot size:) 1. Crassula aquatica	1	Υ	OBL	UPL species x 5 = Column Totals: (A) (B)						
Crassula aqualica Spergularia bocconi	2	Y	FACW	Column Totals(A)(B)						
3. Lythrum hyssopifolia	1	Y	OBL	Prevalence Index = B/A =						
4. Plantago elongata	1	Y	FACW	Hydrophytic Vegetation Indicators:						
5. Plagiobothrys acanthocarpus	1	Y	OBL	X Dominance Test is >50%						
				Prevalence Index is ≤3.0¹						
7.				Morphological Adaptations ¹ (Provide supporting						
8.				data in Remarks or on a separate sheet)						
	6	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)						
Woody Vine Stratum (Plot size:										
1. none				¹ Indicators of hydric soil and wetland hydrology must						
2.				be present, unless disturbed or problematic.						
		= Total Cove	er	Hydrophytic						
N. D				Vegetation						
	over of Biotic		0	Present? Yes X No No						
Remarks: Sample area is a vernal pool that receives ru										
predominately of hydrophytic vegetation, it does suppor Crassula aquatica).	tunee verna	ai pooi piant ii	nulcator spec	cies (Plagiobothrys acanthocarpus, Plantago elongata, and						
. ,										

SOIL Sampling Point: 22-WET

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	. Matrix	•	Re	dox Featu	ıres				-	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	<u> </u>	Remark	s
0-10	10YR 4/2	95	5YR 4/4	5	C	M	sandy clay	,		
							_			
					- ——					
1 0 0									2.5. (0) 1.1	
	ncentration, D=Depletion					S			C=Root Channel, N	
=	Indicators: (Applica	ible to all							ematic Hydric S	ioils":
Histosol	` '			Redox (S5)	,			Muck (A9) (
	pipedon (A2)			Matrix (S	,			Muck (A10)		
	istic (A3)			Mucky Min				uced Vertic (
	en Sulfide (A4)			Gleyed Ma				Parent Mate		
	d Layers (A5) (LRR C	;)	X Depleted	•	,		Othe	r (Explain in	Remarks)	
	uck (A9) (LRR D)			ark Surfa	` '					
	d Below Dark Surface	e (A11)			rface (F7)					
	ark Surface (A12)			epression	ns (F8)				ytic vegetation a	
	Mucky Mineral (S1)		X Vernal F	Pools (F9)					must be preser	nt,
Sandy 0	Gleyed Matrix (S4)						unles	s disturbed o	or problematic.	
Restrictive	Layer (if present):									
Type: sh	ovel refusal									
Depth (inc							Hydric Soil F	Present?	Yes X	No
	epleted matrix indicat						,			
HYDROLOG										
-	drology Indicators:						<u>s</u>		idicators (2 or r	
Primary Ind	icators (minimum of c	ne require	d; check all that appl	y)				Water Ma	rks (B1) (Riveri i	ne)
Surface	Water (A1)		Salt Crus	t (B11)				Sediment	Deposits (B2) (F	Riverine)
High W	ater Table (A2)		X Biotic Cru	ıst (B12)				Drift Depo	sits (B3) (Riveri	ne)
 Saturati	ion (A3)		X Aquatic Ir	nvertebrat	es (B13)			 Drainage	Patterns (B10)	
Water N	Marks (B1) (Nonriver i	ine)	Hydroger		, ,		_		on Water Table	(C2)
	nt Deposits (B2) (No				eres along	Living Ro	ots (C3)		Surface (C7)	(-)
	posits (B3) (Nonrive	-		•	ed Iron (C	•			Burrows (C8)	
	Soil Cracks (B6)				tion in Tille	-		_	Visible on Aeria	al Imageny (CQ)
	` '	magany (R				u 00113 (0	_		quitard (D3)	ar irriagery (00)
	ion Visible on Aerial I	magery (b					_		. ,	
wvaler-s	Stained Leaves (B9)		Other (Ex	фан н к	emarks)		_	FAC-Neut	ral Test (D5)	
Field Obser	vations:									
Surface Wat	er Present? Y	es	No X Depth (incl	nes):						
Water Table	Present? Y	es	No Depth (incl	hes):						
Saturation P		es	No Depth (incl				and Hydrolog	av Present?	Yes X	No
(includes cap				/			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	3 ,		
Describe Rec	orded Data (stream g	auge, mor	nitoring well, aerial ph	otos, prev	ious inspe	ctions), if	available: n/a	a		
	hough no surface wa						ace soil cracl	ks, biotic cru	st, and the prese	ence of San
Diego fairy sh	rimp indicate that the	area pond	ds water and supports	s wetland	hydrology.					

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA	Sampling Date: March 4, 2018				
Applicant/Owner: Pardee Homes									
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R					
Landform (hillslope, terrace, etc.): mesa top		 Local rel	lief (concave,	convex, none): concave	Slope (%): 0-2				
Subregion (LRR): LRR-C	Lat: 3	 32.55898	•	Long: -117.01867	Datum: NAD83				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classificatio	n: None				
Are climatic / hydrologic conditions on the site typical for	-	vear? Yes	X No						
Are Vegetation X, Soil , or Hydrology _			·						
Are Vegetation , Soil , or Hydrology									
SUMMARY OF FINDINGS – Attach site map sh	lowing sa	mpling poi	nt locations	s, transects, important	features, etc.				
Hydrophytic Vegetation Present? Yes X	No								
Hydric Soil Present? Yes X	No		ne Sampled	VAC X	(No				
Wetland Hydrology Present? Yes X	No	— with	nin a Wetlan	u? ——					
Remarks: The majority of the vegetation on the site ha	s been disti	irbed due to	nast land use	s This feature was sample	ed during the growing season and				
meets the wetland criteria.	io boon diot	arbed dde to	past laria asc	o. This locators was sumple	a daming the growing season and				
VEGETATION – Use scientific names of plants				1					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works					
1. none	70 OOVCI	Орсскоз:		Number of Dominant Sp That Are OBL, FACW, o					
2.				Total Number of Domina					
3.				Species Across All Strata					
4.				Percent of Dominant Spe	ecies				
		= Total Cove	er	That Are OBL, FACW, o	r FAC: <u>100%</u> (A/B)				
Sapling/Shrub Stratum (Plot size:)									
1. none				Prevalence Index work	sheet:				
2				Total % Cover of:	Multiply by:				
3				OBL species	x 1 =				
4				FACW species					
5				FAC species					
		= Total Cove	er	FACU species					
Herb Stratum (Plot size:)				UPL species	x 5 =				
1. Hordeum murinum	3	N	FACU	Column Totals:	(B)				
2. Bromus hordeaceus	1	N	FACU	Prevalence Index	c = B/A =				
3. Phalaris minor	1	N	UPL OR						
4. Lythrum hyssopifolia	1	N	OBL	Hydrophytic Vegetation					
5. Spergularia bocconi		Y	FACW	X Dominance Test is					
6. Plagiobothrys acanthocarpus	1	N	OBL	Prevalence Index					
7. Plantago elongata 8. Sonchus asper		N	FACW FAC		aptations ¹ (Provide supporting so or on a separate sheet)				
6. Solicius aspei	39	= Total Cov			. ,				
Woody Vine Stratum (Plot size:		- Total Cov	/CI	Problematic Hydro	ophytic Vegetation¹ (Explain)				
1. none				¹ Indicators of hydric soi	I and wetland hydrology must				
2.				be present, unless distu					
		= Total Cove		Livelyanhysia					
			J.	Hydrophytic Vegetation					
% Bare Ground in Herb Stratum 61 % Co	ver of Biotic	Crust	0	Present? Ye	es X No				
Remarks: Sample area is a vernal pool that receives ru									
predominately of hydrophytic vegetation, it does suppor									

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ires		_	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	e Remarks
0-10	10Yr 5/2	95	7.5Yr 4/6	5	C	М	loam	<u> </u>
10-18	10YR 4/2	100					clay	
					· -		- <u> </u>	
							_	
		- ——						
							_	
1 0 0						2		
		-	LRRs, unless other			5.		Pore Lining, RC=Root Channel, M=Matrix.
_		able to all						rs for Problematic Hydric Soils ³ :
Histoso	pipedon (A2)			(S5) (Redox Matrix				Muck (A9) (LRR C) Muck (A10) (LRR B)
	listic (A3)			/lucky Min	,			uced Vertic (F18)
	en Sulfide (A4)			Gleyed Ma				Parent Material (TF2)
	d Layers (A5) (LRR	C)	X Depleted	-				r (Explain in Remarks)
	uck (A9) (LRR D)	,		ark Surfa	,			,
Deplete	d Below Dark Surfa	ce (A11)	Depleted	d Dark Sui	face (F7)			
Thick D	ark Surface (A12)		Redox D	epression	ıs (F8)		3Indicators	s of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal P	ools (F9)				nd hydrology must be present,
Sandy (Gleyed Matrix (S4)						unless	s disturbed or problematic.
Restrictive	Layer (if present):							
Type:								
Depth (inc	:hes):						Hydric Soil P	Present? Yes X No
Pomorko: re	edox features observ	od within to	on lover (0.10")					
rtemante. Te	Suox reatures observ	od widiiii k	op layer (o To)					
HYDROLO								
Wetland Hy	ydrology Indicators	s:					<u>Se</u>	econdary Indicators (2 or more required)
Primary Ind	icators (minimum of	one require	ed; check all that apply	y)				Water Marks (B1) (Riverine)
Surface	e Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)
	ion (A3)		Aquatic Ir	nvertebrate	es (B13)			Drainage Patterns (B10)
Water N	Marks (B1) (Nonrive	rine)	Hydrogen	Sulfide C	dor (C1)			Dry-Season Water Table (C2)
Sedime	ent Deposits (B2) (No	onriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	Thin Muck Surface (C7)
Drift De	eposits (B3) (Nonrive	erine)	Presence	of Reduc	ed Iron (C4	!)	_	Crayfish Burrows (C8)
X Surface	Soil Cracks (B6)		Recent In	on Reduct	ion in Tille	d Soils (C	6)	Saturation Visible on Aerial Imagery (C9)
Inundat	tion Visible on Aerial	Imagery (E	37)Thin Muc	k Surface	(C7)			Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	plain in R	emarks)			FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		Yes	No X Depth (inch	nes):				
Water Table	Present?	Yes	No Depth (incl			_		
Saturation P		Yes	No Depth (inch			— Wetla	and Hydrolog	gy Present? Yes X No
	pillary fringe)			/				
Describe Rec	orded Data (stream	gauge, mo	nitoring well, aerial ph	otos, prev	ious inspe	ctions), if	available: n/a	a
	•	ater was pr	esent at the time of th	e delineat	ion, eviden	ce of surf	ace soil crack	s indicate that the area ponds water and
aupports well	and hydrology.							

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: March 4, 2018					
Applicant/Owner: Pardee Homes	State: CA Sampling Point: 24								
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W					
Landform (hillslope, terrace, etc.): mesa top		 Local rel	ief (concave,	convex, none): concave Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat: 3	 32.55895	•	Long: -117.01870 Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None					
Are climatic / hydrologic conditions on the site typical for		year? Yes	X No	(If no, explain in Remarks.)					
Are Vegetation X, Soil , or Hydrology				· 					
				(If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map sh									
SUMMART OF FINDINGS - Attach site map si	lowing Sai		it iocations	s, transects, important leatures, etc.					
	_NoX	_ le ti	ne Sampled	Δrea					
Hydric Soil Present? Yes	No X		nin a Wetland	YAS NO X					
Wetland Hydrology Present? Yes X	_No	_							
Remarks: The majority of the vegetation on the site ha	as been distu	urbed due to	past land use	s. This feature was sampled during the growing season and					
does not meet the wetland criteria.									
VEGETATION – Use scientific names of plants									
	Absolute	Dominant	Indicator	Dominance Test worksheet:					
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species					
1				That Are OBL, FACW, or FAC: 1 (A)					
2				Total Number of Dominant Species Across All Strata:					
3				Percent of Dominant Species (B)					
4		= Total Cove		That Are OBL, FACW, or FAC: 50% (A/B)					
Sapling/Shrub Stratum (Plot size:)		- Total Cove	21						
1				Prevalence Index worksheet:					
2.				Total % Cover of: Multiply by:					
3.				OBL species1 x 1 =1					
4.				FACW species 2 x 2 = 4					
5		-		FAC species 5 x 3 = 15					
		= Total Cove	er	FACU species 5 x 4 = 20					
Herb Stratum (Plot size:)				UPL species 1 x 5 = 5					
1. Plantago elongata	1	N	FACW	Column Totals:14					
2. Plagiobothrys acanthocarpus		N	OBL	Prevalence Index = B/A = 3.2					
Anagallis arvensis Matricaria discoidea	1	Y	FACU	Hydrophytic Vegetation Indicators:					
Matricaria discoidea Hordeum murinum	3	N 	FACU						
6. Chrysanthemum coronarium	1	N	UPL	Dominance Test is >50% Prevalence Index is ≤3.0¹					
7. Psilocarphus brevissimus	1	N	FACW	Morphological Adaptations ¹ (Provide supporting					
8. Bromus hordeaceus	1	N	FACU	data in Remarks or on a separate sheet)					
	14	= Total Cov		Problematic Hydrophytic Vegetation ¹ (Explain)					
Woody Vine Stratum (Plot size:									
1				¹ Indicators of hydric soil and wetland hydrology must					
2.				be present, unless disturbed or problematic.					
		= Total Cove	er	Hydrophytic					
% Bare Ground in Herb Stratum 86 % Co	ver of Biotic	Cruet	0	Vegetation Present? Yes No X					
Remarks: Sample area is a vernal pool that receives rupredomince of hydrophytic vegetation, it does support to									
acanthocarpus).		,	, -,	· · · · · · · · · · · · · · · · · · ·					

Profile Desc Depth	ription: (Describe to Matrix	the depth nee		ent the inded		confirm t	he absence of	indicators.)
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
(ITICITES)	Color (moist)		oloi (moist)		туре	LUC	Texture	Nemarks
							-	
							_	
			_				-	
1Type: C=Co	 ncentration, D=Depletion		atrix CS=Covere	d or Coated	Sand Grains	. 2	l ocation: PL =Pore	e Lining, RC=Root Channel, M=Matrix.
	Indicators: (Applica	-				5.		for Problematic Hydric Soils ³ :
_		able to all LNNs						•
Histoso				Redox (S5)				uck (A9) (LRR C)
_	pipedon (A2)			d Matrix (Se	,			uck (A10) (LRR B)
	istic (A3)			Mucky Min	. ,			ed Vertic (F18)
	en Sulfide (A4)			Gleyed Ma				rent Material (TF2)
	d Layers (A5) (LRR 0	S)		d Matrix (F	,		Other (I	Explain in Remarks)
	uck (A9) (LRR D)			Dark Surfac	` '			
	d Below Dark Surfac	e (A11)		d Dark Sur				
	ark Surface (A12)			Depression	s (F8)			of hydrophytic vegetation and
_ ·	Mucky Mineral (S1)		Vernal F	Pools (F9)				hydrology must be present,
Sandy 0	Gleyed Matrix (S4)						unless o	listurbed or problematic.
Restrictive	Layer (if present):							
Type:	, , ,							
Depth (inc	hos):						Hydric Soil Pre	esent? Yes No X
							1	
							t the hydrophyti	c vegetation standard to be considered a
wetland. The	erefore, no soil pit wa	s dug and hydric	soils are not c	onsidered t	o be prese	ent.		
HYDROLOG							0	
_	/drology Indicators:							ondary Indicators (2 or more required)
	icators (minimum of c	one required; che		,				Water Marks (B1) (Riverine)
Surface	: Water (A1)		Salt Crus	t (B11)			;	Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		X Biotic Cru	ust (B12)				Drift Deposits (B3) (Riverine)
Saturat	ion (A3)		Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)			Dry-Season Water Table (C2)
	ent Deposits (B2) (No	•	<u> </u>	Rhizosphe	, ,	Livina Ro		Thin Muck Surface (C7)
	posits (B3) (Nonrive			of Reduce	_	-	· · —	Crayfish Burrows (C8)
		ille)			•	•		
	Soil Cracks (B6)	(5-1)		on Reduct		a Solis (C		Saturation Visible on Aerial Imagery (C9)
	ion Visible on Aerial I	magery (B7)		k Surface				Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	kplain in Re	emarks)			FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		es No	X Denth (inc	hes).				
Water Table						-		
		es No_						DuranutO Van V Na
Saturation P		es No_	Depth (inc	nes):		_ wetia	and Hydrology	Present? Yes X No
(includes cap		vollage mescalts	المسامة المسام		laua l=====	otions\ if	oveileble: "-/-	
Describe Rec	orded Data (stream o	jauge, monitorin	ıy weii, aerial ph	iolos, prev	ious inspe	cuons), if	avaliable: n/a	
Domortic: Alt	barrah na arrifa · · ·	tor woo	at the time of the	المام ما المام م	- عادات مم	oo of hist	io omioticalianta	a that the area pands water Material
	hough no surface wa ıration are not known	•		ie delineati	on, eviden	ice of blot	ic crust indicate:	s that the area ponds water. Water table
ievei anu sall	ıı au∪ı ı aı Ե HUL KHUWH	as a soil pit was	s not dug.					

Project/Site: Southwest Village Specific Plan			City/Cour	nty: San Dieg	o, CA	_Sampling Date: _I	March 4, 2018		
Applicant/Owner: Pardee Homes									
Investigator(s): Beth Procsal, JR Sundberg			Section,	Township, R	Range: Section 31, T18S	R01W			
Landform (hillslope, terrace, etc.): mesa top			Local re	lief (concave,	, convex, none): concave	Slope	(%): 0-2		
Subregion (LRR): LRR-C		Lat:	32.55890		Long: -117.01871	 Datum	: NAD83		
Soil Map Unit Name: Huerhuero loam, 2 to 9 pe					NWI classification				
Are climatic / hydrologic conditions on the site ty	pical fo	r this time of	year? Yes	X No	o (If no, explain ir	ı Remarks.)			
Are Vegetation X, Soil , or Hydro							X No		
Are Vegetation, SoilX,or Hydro						_			
SUMMARY OF FINDINGS – Attach site r	nap si	nowing sa	mpling poi	nt locations	s, transects, importan	it features, etc.			
Hydrophytic Vegetation Present? Yes	Χ	_No		0 11	A				
Hydric Soil Present? Yes	Χ	_No	-	he Sampled hin a Wetlan	VΔC	X No			
Wetland Hydrology Present? Yes _	Χ	_No	_	ini a violan	u .				
Remarks: The majority of the vegetation on the	site ha	as been dist	urbed due to	past land use	es. This feature was sampl	led during the grow	ing season and		
meets the wetland criteria.					·	0 0	· ·		
VEGETATION – Use scientific names of	plants		Daminant	llit	Dominance Test work	a baati			
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status					
1. none	,				Number of Dominant S That Are OBL, FACW,		1 (A)		
2.					Total Number of Domin		``		
3.					Species Across All Stra		1(B)		
4.					Percent of Dominant Sp		00 (A/B)		
			= Total Cov	er	That Are OBL, FACW,	JI FACI	00 (A/B)		
Sapling/Shrub Stratum (Plot size:)								
1. none					Prevalence Index wor				
2.					Total % Cover of:	Multiply			
3.					OBL species	x 1 =			
4					FACW species FAC species				
5					FAC species FACU species				
Herb Stratum (Plot size:	`		= Total Cov	ei	UPL species	x 5 =			
1. Lythrum hyssopifolia	,	30	Υ	OBL	Column Totals:	(A)	(B)		
2. Hordeum murinum		10	N	FACU			```		
3. Bromus hordeaceus		10	N	FACU	Prevalence Inde	ex = B/A =			
4. Lolium perenne		1	N	FAC	Hydrophytic Vegetation	on Indicators:			
5. Plagiobothrys acanthocarpus		1	N	OBL	X Dominance Test				
6.					Prevalence Index				
7.					Morphological Ac	daptations¹ (Provide	supporting		
8.						rks or on a separate			
		52	= Total Co	ver	Problematic Hydr	rophytic Vegetation	¹ (Explain)		
Woody Vine Stratum (Plot size:)								
1. none					¹ Indicators of hydric so				
2					be present, unless dist	iurbed or problema	tic.		
			= Total Cov	er	Hydrophytic				
% Bare Ground in Herb Stratum	9/. Ca	over of Biotic	Cruet	0	Vegetation Present?	oo V No			
				0		es X No			
Remarks: Sample area is a vernal pool that rec predominately of hydrophytic vegetation, it does							isisting		
prodominatory or rivaropriyato vogotation, it does	эчрроі	. One venial	poor plant in	aloutor opour	oo (i lagiosodii yo adaliillo	sa.paoj.			

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ıres		_			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	<u> </u>	Rem	narks
0-6	10Yr 4/3	99	7.5YR 3/4	1			clay			
6-18	10Yr 5/3	100					clay			
							-			
	_			-	·					
	_						_			
							-			
1 0 0						2			DO D 101	
	oncentration, D=Depletio					S			RC=Root Chann	
_	oil Indicators: (Applic	able to all I	•		•				blematic Hydr	ic Soils":
	ol (A1) Epipedon (A2)			Redox (S5) Matrix (S					0) (LRR C) 0) (LRR B)	
	Histic (A3)			ианх (S ⁄lucky Min	•			uced Verti		
	gen Sulfide (A4)			Gleyed Ma					iterial (TF2)	
	ed Layers (A5) (LRR	C)		d Matrix (F					in Remarks)	
	Muck (A9) (LRR D)	,	Redox D	ark Surfa	ce (F6)			` .	,	
	ted Below Dark Surfac	e (A11)	Depleted	d Dark Su	rface (F7)					
	Dark Surface (A12)			epression	ns (F8)			-	phytic vegetati	
	Mucky Mineral (S1)		Vernal P	Pools (F9)				•	gy must be pre	•
Sandy	Gleyed Matrix (S4)						unles	s disturbe	d or problemat	IC.
Restrictive	Layer (if present):									
Type: _										
Depth (in	iches):						Hydric Soil I	Present?	Yes X	No
assumed w	vhen a wetland is dom	inated by O	BL and FACW speci	es only.						
HYDROLO										
	Hydrology Indicators						<u>s</u>		•	or more required)
	dicators (minimum of	one required							/larks (B1) (Riv	*
	ce Water (A1)		Salt Crus				_		nt Deposits (B	
	Vater Table (A2)		X Biotic Cru	, ,			_		posits (B3) (Ri	•
l —	ation (A3)		Aquatic Ir		,		_	_ `	e Patterns (B1	,
l ——	Marks (B1) (Nonrive		Hydroger					_	ason Water Tal	
	nent Deposits (B2) (No	•			eres along		ots (C3)		ick Surface (C	•
ı —	Deposits (B3) (Nonrive	erine)			ed Iron (C4	-			Burrows (C8)	
	ce Soil Cracks (B6)	l /D			tion in Tille	d Solls (C	⁶⁾ –			Aerial Imagery (C9)
	ation Visible on Aerial	imagery (B	<i>'</i>		. ,		_		Aquitard (D3)	
water	-Stained Leaves (B9)		Other (Ex	piain in K	emarks)		_	FAC-N	eutral Test (D5))
Field Obse										
Surface Wa			No X Depth (incl			_				
Water Tabl			No Depth (incl							
Saturation		/es	No Depth (incl	nes):		_ Wetla	and Hydrolo	gy Preser	t? Yes	XNo
`	apillary fringe)	201120 mon	itaring wall agrial ph	otoo prov	ilaua inana	otiona\ if	ovoiloblov n/s			
Describe Re	ecorded Data (stream	gauge, mon	itoring well, aerial ph	iotos, prev	lous inspe	ctions), it a	avaliable: n/a	a		
Remarks: A	Although no surface wa	ater was pre	sent at the time of th	e delineat	ion, evider	ce of surf	ace soil crac	ks and bio	tic crust indicat	e that the area
ponds water	and supports wetland	d hydrology.								
LIC A Ca	orne of Engineers								Arid Ma	et _ Version 2.0

US Army Corps of Engineers

Project/Site: Southwest Village Specific Plan		City/Cou	inty: San Diego	o, CA	Sampling Date: March 4, 2018			
licant/Owner: Pardee Homes State: CA Sampling Point: 26								
Investigator(s): Beth Procsal, JR Sundberg		Section	, Township, R	ange: Section 31, T18S	R01W			
Landform (hillslope, terrace, etc.): mesa top		 Local re	elief (concave,	convex, none): concave	Slope (%): 0-2			
Subregion (LRR): LRR-C	Lat: 3	 32.5587592	5700	Long: -117.018670131	 00 Datum: NAD83			
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl				NWI classificati				
Are climatic / hydrologic conditions on the site typical for		vear? Yes	s X No	(If no. explain ir	n Remarks.)			
Are Vegetation X, Soil , or Hydrology			· · · · · · · · · · · · · · · · · · ·	·				
Are Vegetation , Soil , or Hydrology								
SUMMARY OF FINDINGS – Attach site map sh	owing sa	mpling po	int locations	s, transects, importar	it features, etc.			
Hydrophytic Vegetation Present? Yes X	No							
Hydric Soil Present? Yes X	No		the Sampled	VΔC	X No			
Wetland Hydrology Present? Yes X	No	_ wii	thin a Wetland	i? —				
Remarks: The majority of the vegetation on the site ha	s heen disti	urhed due to	nast land use	s This feature was samn	led during the growing season an			
meets the wetland criteria.	s been dist	arbed due to	pastiand use	s. This leature was samp	led during the growing season and			
VEGETATION – Use scientific names of plants	i.							
Tues Christian (District	Absolute	Dominant		Dominance Test work	sheet:			
Tree Stratum (Plot size:) 1.	% Cover	Species?	Status	Number of Dominant S				
				That Are OBL, FACW,	. ,			
3				Total Number of Domir Species Across All Stra	ata.			
Α				Percent of Dominant S	(۵)			
T		= Total Cov	/er	That Are OBL, FACW,				
Sapling/Shrub Stratum (Plot size:)		- Total Cov	7 C 1					
				Prevalence Index wor	ksheet:			
				Total % Cover of:	Multiply by:			
3.				OBL species 2	1 x 1 = 21			
4.				FACW species 2	x 2 = 4			
5.				FAC species 0	x 3 = 0			
		= Total Cov	/er	FACU species 13	3 x 4 = 52			
Herb Stratum (Plot size:)				UPL species 1	x 5 =5			
Chrysanthemum coronarium	1	N	UPL	Column Totals:37	7(A) <u>82(B)</u>			
2. Lythrum hyssopifolia	20	Υ	OBL	Prevalence Inde	ov = R/A = 2 2			
3. Plagiobothrys acanthocarpus	1	N	OBL	r revalence inde	5X - D/A - <u>2.2</u>			
4. Hordeum murinum	10	Υ	FACU	Hydrophytic Vegetation	on Indicators:			
5. Plantago elongata	1	N	FACW	Dominance Test	is >50%			
6. Psilocarphus brevissimus	1	N	FACW	_X Prevalence Index	x is ≤3.0 ¹			
7. Mesembryanthemum nodiflorum	2	N	FACU		daptations ¹ (Provide supporting			
8. Deinandra fasciculata	1	N	FACU	data in Rema	rks or on a separate sheet)			
	37	= Total Co	over	Problematic Hyd	rophytic Vegetation¹ (Explain)			
Woody Vine Stratum (Plot size:)								
1					oil and wetland hydrology must			
2				be present, unless dis	turbed or problematic.			
		= Total Cov	/er	Hydrophytic				
% Bare Ground in Herb Stratum 63 % Cov	ver of Biotic	Cruct	0	Vegetation Present?	'es X No x			
			0					
Remarks: Sample area is a vernal pool that receives run hydrophytic vegetation, as well as three vernal pool plan								
elongata).		. p 50,00 (1 011	2541 21140 0101	yo	and i lanage			

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ıres			,		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	
0-8	10YR 4/2	97	5YR 4/6	3	C	М	clay			
							_			
							_			
					· <u></u> ·					
¹ Type: C=Cor	ncentration, D=Depletion	RM=Redu	ced Matrix CS=Covered	d or Coated	Sand Grain	s 2	l ocation: PI =Po	ore Lining RC=Roo	t Channel, M=Matrix	
	Indicators: (Applica					·		s for Problemati		
Histosol		ibio to un		Redox (S5				Muck (A9) (LRR	•	
	pipedon (A2)			Matrix (S				Muck (A10) (LRF		
	istic (A3)			Mucky Min	,			ced Vertic (F18)	(1)	
	en Sulfide (A4)			Gleyed Ma				Parent Material (T	F2)	
	d Layers (A5) (LRR C	;)	X Depleted	-				(Explain in Rema	•	
	uck (A9) (LRR D)	,		ark Surfa	,			/	······································	
	d Below Dark Surface	e (A11)		d Dark Su	` '					
	ark Surface (A12)	` '		epression	` '		3Indicators	s of hydrophytic v	egetation and	
	Mucky Mineral (S1)			ools (F9)	. ,			nd hydrology mus	-	
	Gleyed Matrix (S4)			. ,				disturbed or pro		
	Layer (if present):							<u> </u>		
	ovel refusal									
							Hydric Sail D	Procent? Van	Y No	
Depth (inc	nes). <u>o</u>						Hydric Soil P	resent? Yes	<u>X</u> No_	
HYDROLOG	gy .									
	drology Indicators:						90	condany Indicat	ors (2 or more re	anuired)
_	icators (minimum of o	ne require	d check all that anni-	v)			<u> </u>	Water Marks (B		-4411 6U]
	`	ne require	• • • • • • • • • • • • • • • • • • • •	,				_		۵)
	Water (A1)		Salt Crus						sits (B2) (Riverin	e)
	ater Table (A2)		X Biotic Cru	, ,	(D.10)			_ Drift Deposits (I		
Saturati	` '		X Aquatic Ir		, ,			_ Drainage Patter	, ,	
	Marks (B1) (Nonriver	-	Hydroger			–		_Dry-Season Wa	` '	
	nt Deposits (B2) (No	-			eres along	_	ots (C3)	_Thin Muck Surfa		
	posits (B3) (Nonrive	rine)			ed Iron (C4	-		_Crayfish Burrov		
_	Soil Cracks (B6)				tion in Tille	d Soils (C	6)		le on Aerial Imag	ery (C9)
	ion Visible on Aerial I	magery (B	· —					_Shallow Aquitar	, ,	
Water-S	Stained Leaves (B9)		Other (Ex	plain in R	emarks)			_FAC-Neutral Te	est (D5)	
Field Obser	vations:									
Surface Wat		es	No X Depth (incl	nes):						
Water Table		 es				_				
Saturation P		es	No Depth (incl				and Hydrolog	v Present?	res X No	
(includes car				/						
	orded Data (stream g	auge, moi	nitoring well, aerial ph	otos, prev	ious inspe	ctions), if	available: n/a		-	
				-	-	•				
	hough no surface wa	•				nce of surf	ace soil crack	s, biotic crust, an	d the presence of	San
⊔iego fairy sh	rimp indicate that the	area supp	oorts ponds water and	a wetland	nyarology.					

Project/Site: Southwest Village Specific Plan		City/Cou	nty: San Dieg	o, CA	_Sampling Date:	March 4, 2018
Applicant/Owner: Pardee Homes				State: CA	_Sampling Point:	27
Investigator(s): Beth Procsal, JR Sundberg		Section	, Township, R	tange: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	elief (concave,	convex, none): concave	Slop	e (%): <u>0-2</u>
Subregion (LRR): LRR-C	Lat:	32.55883		Long: <u>-117.01875</u>	Datun	n: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	slopes			NWI classification	on: None	
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology	signif	icantly disturl	bed? Yes	Are "Normal Circumstance	s" present? Yes	XNo
Are Vegetation, SoilX,or Hydrology	natura	ally problema	atic? Yes	(If needed, explain any ans	swers in Remarks	i.)
SUMMARY OF FINDINGS – Attach site map si	nowing sa	mpling poi	nt locations	s, transects, importan	t features, etc.	
Hydrophytic Vegetation Present? Yes X	_No					
Hydric Soil Present? Yes X	No	' '	he Sampled	Yes	X No	
Wetland Hydrology Present? Yes X	No	— wit	hin a Wetlan	u ?		_
Remarks: The majority of the vegetation on the site had meets the wetland criteria. VEGETATION – Use scientific names of plant:		urbed due to	past land use	s. This feature was sample	ed during the grow	ving season and
	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Sp		
1				That Are OBL, FACW, o		2 (A)
2. 3.				Total Number of Domina Species Across All Strat		0 (D)
3. 4.				Percent of Dominant Sp		(B)
4.		= Total Cov	or	That Are OBL, FACW, o		00% (A/B)
Sapling/Shrub Stratum (Plot size:)		- Total Cov	Ci			
1				Prevalence Index work	ksheet:	
2.				Total % Cover of:	Multip	ly by:
3.				OBL species	x 1 =	
4.				FACW species	x 2 =	
5.				FAC species	x 3 =	
		= Total Cov	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
Psilocarphus brevissimus	5	Y	FACW	Column Totals:	(A)	(B)
2. Plagiobothrys acanthocarpus	2	N	OBL	Prevalence Inde	x = B/A =	
3. Deinandra fasciculata	1	N	FACU			
4. Plantago elongata	10	Y	FACW	Hydrophytic Vegetatio		
5. Lythrum hyssopifolia	1	N	OBL	X Dominance Test i		
6. Lepidium latipes 7.	1	N	FACW	Prevalence Index		I
8.				Morphological Addata in Remark	ks or on a separa	11
	20	= Total Co	ver	Problematic Hydro	ophytic Vegetatio	n¹ (Explain)
Woody Vine Stratum (Plot size:)						
1				¹ Indicators of hydric so be present, unless dist		
2		- Total Ossi				
% Bare Ground in Herb Stratum 80 % Co	over of Biotic	= Total Cov	еi 0	Hydrophytic Vegetation Present? Yes	os V Ns	
					es X No	
Remarks: Sample area is a vernal pool that receives repredominately of hydrophytic vegetation, it does support acanthocarpus, and Plantago elongata).						

	Matrix			Re	dox Featı	lies		_				
(inches)	Color (moist)	%	Color	(moist)	%	Type ¹	Loc ²	Text	ıre		Rema	rks
0-12	10YR 4/3	100						sandy cl	ay			
								-				
1Type: C=Conc	entration, D=Depletion	RM=Redu	ced Matrix	CS=Covered	or Coated	Sand Grains	2	ocation: PI	=Pore Lining	RC=Ro	nt Channel	M=Matrix
	ndicators: (Applica						•		tors for Pro			
Histosol (`	abio to un			edox (S5	•			m Muck (A		•	
	pedon (A2)		_		Matrix (S				m Muck (A			
Black Hist			_		,	neral (F1)			duced Vert		,	
 Hydrogen	Sulfide (A4)				Sleyed Ma	, ,			d Parent M	. ,	TF2)	
Stratified	Layers (A5) (LRR 0	:)		Depleted	l Matrix (F	=3)		X Otl	her (Explair	in Rem	arks)	
1 cm Muc	k (A9) (LRR D)			Redox D	ark Surfa	ice (F6)						
	Below Dark Surface	e (A11)	_			rface (F7)						
	k Surface (A12)		_		epression				tors of hydr		-	
	icky Mineral (S1)			_Vernal P	ools (F9)				land hydrol	0,	•	-
Sandy Gi	eyed Matrix (S4)							uni	ess disturbe	ea or pro	bblematic.	
	yer (if present):											
Typo: oboy	el refueal											
Type: shov												
Depth (inche Remarks: No wetland hydrol		a vernal p	ool that is	seasonally	ponded a	and may lack		due to str		ors of hy		
Depth (inche Remarks: No wetland hydrol conditions, or o	redox features obsections observed in the seature is seature is other factors, which	a vernal p	ool that is	seasonally	ponded a	and may lack		due to str	ong indicato	ors of hy	drophytic	vegetation and
Depth (inche Remarks: No wetland hydrol conditions, or o	redox features obselogy. This feature is other factors, which	a vernal p may includ	ool that is	seasonally	ponded a	and may lack		due to str	ong indicato	ors of hy nited sa	drophytic turation d	vegetation and lepth, saline
Depth (inche Remarks: No wetland hydrol conditions, or of HYDROLOG*	redox features obselogy. This feature is other factors, which	a vernal p may includ	oool that is de human	seasonally -caused dis	ponded a turbance	and may lack		due to str	ong indicators due to lin	ors of hy mited sa	drophytic turation d	vegetation and epth, saline
Depth (inche Remarks: No wetland hydrol conditions, or of HYDROLOG' Wetland Hyd Primary Indica	redox features observed for the factors, which reactors for the factors for the factor for the	a vernal p may includ	oool that is de human	seasonally -caused dis	ponded a turbance	and may lack		due to str	ong indicators due to lin	ors of hy mited sa y Indica Marks (I	drophytic turation d tors (2 o	vegetation and epth, saline r more requirerine)
Depth (inche Remarks: No wetland hydrol conditions, or of IYDROLOG` Wetland Hyd Primary Indica Surface V	redox features obselogy. This feature is other factors, which relogy Indicators: ators (minimum of covater (A1)	a vernal p may includ	oool that is de human	seasonally -caused dis -caused dis -ull that apply -Salt Crust	ponded a turbance	and may lack		due to str	ong indicators due to lir Secondar Water Sedimo	ors of hy mited sa y Indica Marks (I	drophytic turation d tors (2 o 31) (Rive posits (B2)	vegetation and epth, saline r more require rine) (Riverine)
Depth (inches Remarks: No wetland hydrol conditions, or of IYDROLOG Wetland Hyd Primary Indica Surface V High Wat	redox features observed for the factors, which redox feature is other factors, which redox feature is other factors, which redox feature factors (minimum of control of the factors (Minimum of	a vernal p may includ	oool that is de human	seasonally -caused dis 	ponded a turbance /) (B11) st (B12)	and may lack		due to str	Secondar Water Sedime	y Indica Marks (I ent Deposits (tors (2 o B1) (Rive besits (B2)	vegetation and epth, saline r more require rine) (Riverine)
Depth (inche Remarks: No wetland hydrol conditions, or of HYDROLOG' Wetland Hyd Primary Indica Surface V High Wat Saturation	redox features observed for the factors, which redox feature is other factors, which redox feature is other factors, which redox feature factors (minimum of control of the factors (Minimum of control of the factors) at (A1) for (A2) for (A3)	a vernal p	oool that is de human	seasonally caused dis	y) (B11) st (B12) evertebrat	and may lack		due to str	Secondar Water Sedim Drift Do	y Indica Marks (I ent Deposits (ge Patte	tors (2 o B3) (Rive	vegetation and epth, saline r more require rine) (Riverine) erine)
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Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Diego	o, CA	Sampling	Date: Marc	ch 4, 2018		
Applicant/Owner: Pardee Homes State: CA Sampling Point: 28									
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, Ra	ange: Section 31, T18	 BS R01W				
Landform (hillslope, terrace, etc.): mesa top				convex, none): conca		Slope (%)	: 0-2		
, , ,	Lat:		-	Long: -117.01870		· · · · ⁄ Datum: NA			
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent					ation: Non00				
Are climatic / hydrologic conditions on the site typical for		f vear? Yes	X No	-					
Are Vegetation X, Soil , or Hydrology				·			No		
Are Vegetation, Soil, or Hydrology _						· · · · · · · · · · · · · · · · · · ·	_ 110		
Are vegetation, or rivurology _		ally problema	uc: 165 (ii iieeueu, expiaiii ariy	alisweis III IX	emarks.)			
SUMMARY OF FINDINGS – Attach site map s	howing sa	mpling poi	nt locations	s, transects, import	ant features	s, etc.			
Hydrophytic Vegetation Present? Yes	_NoX								
Hydric Soil Present? Yes	No X	เรแ	he Sampled A	207	No	X			
Wetland Hydrology Present? Yes X	No X	— with	nin a Wetland	1?					
		_		TI: 6 4					
Remarks: The majority of the vegetation on the site h does not meet the wetland criteria.	as been dist	urbed due to	past land use	s. This feature was sa	mpled during	the growing	season and		
does not meet the wettand chiena.									
VEGETATION – Use scientific names of plant	e								
VEGETATION — OSC SCIONAINC HAINES OF Plant	Absolute	Dominant	Indicator	Dominance Test we	orksheet:				
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominan	t Species				
1. none				That Are OBL, FAC\		0	(A)		
2				Total Number of Dor					
3				Species Across All S		2	(B)		
4				Percent of Dominant That Are OBL, FAC		0%	(A/B)		
		= Total Cove	er	That Are Obl., FAC	V, OI FAC.	<u> </u>	(//\D)		
Sapling/Shrub Stratum (Plot size:)									
1. none				Prevalence Index w					
2				Total % Cover o		Multiply by:			
3				OBL species	2 x 1				
4				FACW species		=4			
5				FAC species		=3	_		
		= Total Cove	er	FACU species		= 32			
Herb Stratum (Plot size:)				UPL species		=0			
1. Plantago elongata		N	FACW	Column Totals:	13 (A)	41	(B)		
2. Plagiobothrys acanthocarpus		N	OBL	Prevalence I	ndex = B/A = <u>3</u>	.2			
3. Psilocarphus brevissimus		N	FACW						
4. Erodium botrys	3	Y	FACU	Hydrophytic Veget		ors:			
5. Mesembryanthemum nodiflorum	4	Y	FACU	Dominance Te					
6. Lythrum hyssopifolia		N	OBL	Prevalence In					
7. Lepidium nitidum	1	N	FAC	Morphological	Adaptations¹ narks or on a				
8. Hordeum murinum	1	N	FACU			·	· ·		
Manda Mina Charles (District)	13	= Total Cov	/er	Problematic H	ydrophytic Ve	getation¹ (Ex	kplain)		
Woody Vine Stratum (Plot size:)				1					
1. none				¹ Indicators of hydric be present, unless			gy must		
2				' '	alotarboa or pr				
		= Total Cove	er	Hydrophytic					
% Bare Ground in Herb Stratum 81 % C	over of Biotic	Crust		Vegetation Present?	Yes	No >	(
Remarks: Sample area is a vernal pool that receives r			all local micro		-				
vegetation. It does support three vernal pool plant indic									
,,	F	,		, 5, 2	,,	.3- 5.0	5 /-		

Depth	Matrix			dox Features		_	
(inches)	Color (moist)	%	Color (moist)	%Type	e ¹ Loc ²	Textur	e Remarks
0-13	10Yr 4/3	100				sandy clay	y
			_				
						_	
						_	
	-						
¹ Type: C=Co	ncentration, D=Deplet	ion, RM=Reduced	Matrix, CS=Covered	or Coated Sand C	Grains.	² Location: PL=	Pore Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Appl	icable to all LR	Rs, unless other	wise noted.)		Indicato	ors for Problematic Hydric Soils ³ :
Histoso	I (A1)		Sandy F	tedox (S5)		1 cn	n Muck (A9) (LRR C)
Histic E	pipedon (A2)		Stripped	Matrix (S6)		2 cn	n Muck (A10) (LRR B)
Black H	istic (A3)			/lucky Mineral (F		Red	uced Vertic (F18)
Hydroge	en Sulfide (A4)		Loamy (Gleyed Matrix (F2	2)	Red	Parent Material (TF2)
Stratifie	d Layers (A5) (LRF	R C)		d Matrix (F3)		Othe	er (Explain in Remarks)
	uck (A9) (LRR D)			ark Surface (F6)			
	d Below Dark Surfa	ace (A11)		d Dark Surface (F	- 7)		
	ark Surface (A12)			epressions (F8)			ors of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal F	ools (F9)			and hydrology must be present,
Sandy (Gleyed Matrix (S4)					unles	ss disturbed or problematic.
Restrictive	Layer (if present):						
Type: she	ovel refusal						
			_				
Depth (inc		tors observed	-			Hydric Soil	Present? Yes No X
Depth (inc	hes): <u>13</u> lo hydric soil indica	tors observed	_			Hydric Soil	Present? Yes No _X
Depth (inc	hes): 13 lo hydric soil indica		-				
Depth (income Remarks: Note: N	hes): 13 lo hydric soil indica GY ydrology Indicator	rs:	check all that appl	v)			Secondary Indicators (2 or more requir
Depth (income Remarks: Note that the property of the property	hes): 13 lo hydric soil indica GY ydrology Indicator icators (minimum o	rs:	• • • • • • • • • • • • • • • • • • • •	.,			Secondary Indicators (2 or more requir Water Marks (B1) (Riverine)
Depth (income Remarks: No	hes): 13 lo hydric soil indicator ydrology Indicator icators (minimum of	rs:	Salt Crus	t (B11)			Secondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Depth (incomplete Control of Cont	hes): 13 lo hydric soil indica GY /drology Indicator icators (minimum of Water (A1) later Table (A2)	rs:	Salt Crus X Biotic Cru	t (B11) st (B12)	2)		Gecondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Depth (incomplete incomplete inco	hes): 13 lo hydric soil indicator ydrology Indicator icators (minimum of Water (A1) ater Table (A2) ion (A3)	rs: f one required; o	Salt Crus X Biotic Cru Aquatic Ir	t (B11) est (B12) overtebrates (B1	•		Secondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Depth (incomplete No. 1) Remarks: No. 1 HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water No. 1	hes): 13 lo hydric soil indicator ydrology Indicator icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriv	rs: f one required; o	Salt Crus X Biotic Cru Aquatic Ir Hydroger	t (B11) st (B12) nvertebrates (B13 s Sulfide Odor (C	1)	<u>\$</u>	Secondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
Depth (incomplete No. 1) HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water M Sedime	hes): 13 lo hydric soil indicator ydrology Indicator icators (minimum of Water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriv ent Deposits (B2) (N	rs: If one required; of	Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized	t (B11) ist (B12) overtebrates (B1: Sulfide Odor (C Rhizospheres ale	1) ong Living R	<u>\$</u>	Secondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Depth (incomplete Control of the Con	hes): 13 lo hydric soil indicator ydrology Indicator icators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriv ent Deposits (B2) (Norriv	rs: If one required; of	Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence	t (B11) st (B12) evertebrates (B13) Sulfide Odor (C Rhizospheres ale of Reduced Iror	1) ong Living R ı (C4)	oots (C3)	Secondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Depth (incomplete No. 1) Remarks: No. 1 Remarks: No. 1 Remarks: No. 1 Wetland Hy Primary Ind Surface High W Saturati Water No. 1 Sedime Drift De X Surface	hes): 13 lo hydric soil indicators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonriverse Soil Cracks (B6)	rs: If one required; of one required; o	Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir	t (B11) st (B12) nvertebrates (B13 Sulfide Odor (C Rhizospheres ald of Reduced Iron on Reduction in	1) ong Living R ı (C4)	oots (C3)	Gecondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Carricles)
Depth (incomplete No. 1) Remarks: No. 1) Remarks: No. 1) Remarks: No. 1) Wetland Hy Primary Ind Surface High W Saturati Water No. 1) Sedime Drift De X Surface Inundat	hes): 13 lo hydric soil indicator indicators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Cacks (B6) ion Visible on Aericators (Nonrivent Cacks (No	rs: If one required; of one required; o	Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc	t (B11) st (B12) nvertebrates (B13) Sulfide Odor (C Rhizospheres ale of Reduced Iron on Reduction in t k Surface (C7)	1) cong Living R (C4) Filled Soils (oots (C3)	Secondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3)
Depth (incomplete No. 1) Remarks: No. 1 Remarks: No. 1 Remarks: No. 1 Wetland Hy Primary Ind Surface High W Saturati Water No. 1 Sedime Drift De X Surface Inundat	hes): 13 lo hydric soil indicators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonriverse Soil Cracks (B6)	rs: If one required; of one required; o	Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc	t (B11) st (B12) nvertebrates (B13 Sulfide Odor (C Rhizospheres ald of Reduced Iron on Reduction in	1) cong Living R (C4) Filled Soils (oots (C3)	Gecondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Carricles)
Depth (incomplete No. 1) Remarks: No. 1) Remarks: No. 1) Remarks: No. 1) Wetland Hy Primary Ind Surface High W Saturati Water No. 1) Sedime Drift De X Surface Inundat	hes): 13 Io hydric soil indicator ydrology Indicator icators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriv ent Deposits (B2) (Nonriv e Soil Cracks (B6) ion Visible on Aeria Stained Leaves (B9)	rs: If one required; of one required; o	Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc	t (B11) st (B12) nvertebrates (B13) Sulfide Odor (C Rhizospheres ale of Reduced Iron on Reduction in t k Surface (C7)	1) cong Living R (C4) Filled Soils (oots (C3)	Secondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3)
Depth (incomplete No. 1) Remarks: No. 1) Remarks: No. 1) Wetland Hy Primary Ind Surface High W Saturati Water No. 1) Sedime Drift De X Surface Inundat Water-S	hes): 13 lo hydric soil indicators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (N	erine) Ionriverine) verine) al Imagery (B7)	Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc	t (B11) st (B12) nvertebrates (B13) Sulfide Odor (C Rhizospheres ald of Reduced Iron on Reduction in k Surface (C7) splain in Remarks	1) ong Living R (C4) Filled Soils (6	oots (C3)	Secondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3)
Depth (incomplete No. 1) Remarks: No. 2 HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water No. 2 Sedime Drift De X Surface Inundat Water-S Field Obser	hes): 13 lo hydric soil indicators (minimum of the Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Deposits (B6) ion Visible on Aeria Stained Leaves (B9) vations: ler Present?	erine) Ionriverine) verine) al Imagery (B7)	Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) st (B12) nvertebrates (B13) s Sulfide Odor (C Rhizospheres ald of Reduced Iron on Reduction in k Surface (C7) splain in Remarks	1) 1) 2) 2) 3) 4) 4) 5) 6) 6) 7) 6) 7) 7) 8)	oots (C3)	Secondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3)
Depth (incomplete No. 1) Remarks: No. 2 HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De X Surface Inundat Water-S Field Obser Surface Water	hes): 13 lo hydric soil indicator indicators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrivert Deposits (B3) (Nonrivert Deposi	erine) Ionriverine) Verine Yes No	Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	at (B11) Invertebrates (B13) Invertebrates (B1	1) 2) 2) 2) 3) 4) 4) 5) 6) 6) 7) 6) 7) 7) 8)	oots (C3)	Secondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3)
Depth (incomplete No. 1) Remarks: No. 2 HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water No. 2 Joint Decomplete No. 2 Inundat Water-S Field Obser Surface Wat Water Table	hes): 13 lo hydric soil indicators (minimum of the Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrivert Deposits (B2) (Nonrivert Deposits (B3) (Nonrivert Deposits (B3	erine) Ionriverine) Verine Yes No	Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	at (B11) Invertebrates (B13) Invertebrates (B1	1) 2) 2) 2) 3) 4) 4) 5) 6) 6) 7) 6) 7) 7) 8)	oots (C3)	Secondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Ca) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (incomplete Notes of Not	hes): 13 lo hydric soil indicators (minimum of the Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrivert Deposits (B2) (Nonrivert Deposits (B3) (Nonrivert Deposits (B3	rs: If one required; of one required; o	Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	at (B11) avertebrates (B13) a Sulfide Odor (C Rhizospheres all of Reduced Iron on Reduction in a Surface (C7) plain in Remarks nes):	1) ong Living R (C4) Filled Soils (C5) Wet	oots (C3)	Secondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Cand Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (incomplete Notes of Not	hes): 13 lo hydric soil indicator indicators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrivert Deposits (B3) (Nonrivert Deposi	rs: If one required; of one required; o	Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	at (B11) avertebrates (B13) a Sulfide Odor (C Rhizospheres all of Reduced Iron on Reduction in a Surface (C7) plain in Remarks nes):	1) ong Living R (C4) Filled Soils (C5) Wet	oots (C3)	Secondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Cand Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (inc Remarks: N HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wate Water Table Saturation P (includes cap Describe Rec	hes): 13 lo hydric soil indicator (minimum of the water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver Deposits (B3) (Nonr	erine) Honriverine) Hal Imagery (B7) Yes No Yes No Yes No	Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) st (B12) nvertebrates (B13) Sulfide Odor (C Rhizospheres ali of Reduced Iron on Reduction in k Surface (C7) splain in Remarks nes): nes): nes):	1) ong Living R i (C4) Filled Soils (Cs) Wet	oots (C3) C6) Jand Hydrolo	Secondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (inc Remarks: N HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wate Water Table Saturation P (includes cap Describe Reco	hes): 13 lo hydric soil indicator (minimum of the water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver Deposits (B3) (Nonr	erine) Honriverine) Hal Imagery (B7) Yes No Yes No Yes No	Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) st (B12) nvertebrates (B13) Sulfide Odor (C Rhizospheres ali of Reduced Iron on Reduction in k Surface (C7) splain in Remarks nes): nes): nes):	1) ong Living R i (C4) Filled Soils (Cs) Wet	oots (C3) C6) Jand Hydrolo	Secondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Cand Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (inc Remarks: N HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wate Water Table Saturation P (includes cap Describe Rec	hes): 13 lo hydric soil indicator (minimum of the water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver Deposits (B3) (Nonr	erine) Honriverine) Hal Imagery (B7) Yes No Yes No Yes No	Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) st (B12) nvertebrates (B13) Sulfide Odor (C Rhizospheres ali of Reduced Iron on Reduction in k Surface (C7) splain in Remarks nes): nes): nes):	1) ong Living R i (C4) Filled Soils (Cs) Wet	oots (C3) C6) Jand Hydrolo	Secondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (inc Remarks: N HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wate Water Table Saturation P (includes cap Describe Reco	hes): 13 lo hydric soil indicator (minimum of the water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver Deposits (B3) (Nonr	erine) Honriverine) Hal Imagery (B7) Yes No Yes No Yes No	Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) st (B12) nvertebrates (B13) Sulfide Odor (C Rhizospheres ali of Reduced Iron on Reduction in k Surface (C7) splain in Remarks nes): nes): nes):	1) ong Living R i (C4) Filled Soils (Cs) Wet	oots (C3) C6) Jand Hydrolo	Secondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 29
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55861		Long: -117.01877 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent si				NWI classification: Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				
				(If needed, explain any answers in Remarks.)
				
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poli	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X	_ 1-41	0 1 1	A
	No X	is u	ne Sampled . nin a Wetland	YAS NO X
Wetland Hydrology Present? Yes X	No	_ ****	iii a vvotiaii	··
Remarks: The majority of the vegetation on the site ha	s been dist	urbed due to	past land use	s. This feature was sampled during the growing season and
does not meet the wetland criteria.			,	· · · · · · · · · · · · · · · · · ·
VEGETATION – Use scientific names of plants				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none	<u> </u>	Орсскоз:	Otatus	Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 2 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. <u>none</u>				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species1 x 1 =1
4				FACW species1 x 2 =2
5				FAC species 1 x 3 = 3
		= Total Cove	er	FACU species 19 x 4 = 76
Herb Stratum (Plot size:)	•		E4011	UPL species 1 x 5 = 5
1. Hordeum murinum	8	Y	FACU	Column Totals:23 (A)87(B)
2. Chrysanthemum coronarium	1	N	UPL	Prevalence Index = B/A = 3.8
Lepidium latipes Lepidium nitidum	1		FACW FAC	Hudrophytia Vagatation Indicators
Lepidium nitidum Deinandra fasciculata	<u> </u>	N	FACU	Hydrophytic Vegetation Indicators:
6. Erodium botrys	10	Y	FACU	Dominance Test is >50% Prevalence Index is ≤3.0¹
7. Plagiobothrys acanthocarpus	1	N	OBL	
8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
G	23	= Total Cov	/er	Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:		rotal col		Troblematic Hydrophytic Vegetation (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
		. 510 5511		Vegetation
% Bare Ground in Herb Stratum 77	ver of Biotic	Crust		Present? Yes No X
Remarks: Sample area is a vernal pool that receives ru				
predomince of hydrophytic vegetation. It supports one v	ernal pool p	lant indicator	species (Pla	giobothrys acanthocarpus).

¹Type: C=Concentration, D Hydric Soil Indicators Histosol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A 1 cm Muck (A9) (LI Depleted Below Da Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if pr Type: Depth (inches): Remarks: The sampled wetland. Therefore, no service was a surface wetland. Therefore in Surface Water (A1) High Water Table (Saturation (A3)	(Applicable to all 4) (I) (LRR C) (R D) (K Surface (A11) (A12) (A12) (A12) (A13) (A14) (A15) (A15) (A16) (A16) (A17) (A17) (A18) (A	LRRs, unless other Sandy F Stripped Loamy N Loamy C Depleted Redox D Depleted Redox D Vernal F	rwise noted.) Redox (S5) d Matrix (S6) Mucky Mineral (F Gleyed Matrix (F3) Dark Surface (F6 d Dark Surface (F8) Pools (F9)	II	ndicators for Prob 1 cm Muck (A9) 2 cm Muck (A10 Reduced Vertic Red Parent Mat Other (Explain in Indicators of hydrop wetland hydrolog unless disturbed	0) (LRR B) (F18) terial (TF2) n Remarks) phytic vegetation and gy must be present,
Hydric Soil Indicators Histosol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A2) Stratified Layers (A2) 1 cm Muck (A9) (LF Depleted Below Day Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if proceed of the sampled of the s	(Applicable to all 4) (I) (LRR C) (R D) (K Surface (A11) (A12) (A12) (A12) (A13) (A14) (A15) (A15) (A16) (A16) (A17) (A17) (A18) (A	LRRs, unless other Sandy F Stripped Loamy N Loamy C Depleted Redox D Depleted Redox D Vernal F	rwise noted.) Redox (S5) d Matrix (S6) Mucky Mineral (F Gleyed Matrix (F3) Dark Surface (F6 d Dark Surface (F8) Pools (F9)	II	ndicators for Prob 1 cm Muck (A9) 2 cm Muck (A10 Reduced Vertic Red Parent Mat Other (Explain in Indicators of hydrop wetland hydrolog unless disturbed	olematic Hydric Soils³: ((LRR C) ((LRR B) ((F18) terial (TF2) n Remarks) phytic vegetation and gy must be present, d or problematic. Yes NoX
Hydric Soil Indicators Histosol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A 1 cm Muck (A9) (LF Depleted Below Da Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if processory) Type: Depth (inches): Remarks: The sampled vetland. Therefore, no second surface water (A1) High Water Table ((Applicable to all 4) (I) (LRR C) (R D) (K Surface (A11) (A12) (A12) (A12) (A13) (A14) (A15) (A15) (A16) (A16) (A17) (A17) (A18) (A	LRRs, unless other Sandy F Stripped Loamy N Loamy C Depleted Redox D Depleted Redox D Vernal F	rwise noted.) Redox (S5) d Matrix (S6) Mucky Mineral (F Gleyed Matrix (F3) Dark Surface (F6 d Dark Surface (F8) Pools (F9)	II	ndicators for Prob 1 cm Muck (A9) 2 cm Muck (A10 Reduced Vertic Red Parent Mat Other (Explain in Indicators of hydrop wetland hydrolog unless disturbed	olematic Hydric Soils³: ((LRR C) ((LRR B) ((F18) terial (TF2) n Remarks) phytic vegetation and gy must be present, d or problematic. Yes NoX
Hydric Soil Indicators Histosol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A2) Stratified Layers (A2) Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if proceeding) Type: Depth (inches): Remarks: The sampled Vetland. Therefore, no second surface (Matrix) YDROLOGY Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table ((Applicable to all 4) (I) (LRR C) (R D) (K Surface (A11) (A12) (A12) (A12) (A13) (A14) (A15) (A15) (A16) (A16) (A17) (A17) (A18) (A	LRRs, unless other Sandy F Stripped Loamy N Loamy C Depleted Redox D Depleted Redox D Vernal F	rwise noted.) Redox (S5) d Matrix (S6) Mucky Mineral (F Gleyed Matrix (F3) Dark Surface (F6 d Dark Surface (F8) Pools (F9)	II	ndicators for Prob 1 cm Muck (A9) 2 cm Muck (A10 Reduced Vertic Red Parent Mat Other (Explain in Indicators of hydrop wetland hydrolog unless disturbed	olematic Hydric Soils³: ((LRR C) ((LRR B) ((F18) terial (TF2) n Remarks) phytic vegetation and gy must be present, d or problematic. Yes NoX
Hydric Soil Indicators Histosol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A 1 cm Muck (A9) (LF Depleted Below Da Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if proceed of the second of	(Applicable to all 4) (I) (LRR C) (R D) (K Surface (A11) (A12) (A12) (A12) (A13) (A14) (A15) (A15) (A16) (A16) (A17) (A17) (A18) (A	LRRs, unless other Sandy F Stripped Loamy N Loamy C Depleted Redox D Depleted Redox D Vernal F	rwise noted.) Redox (S5) d Matrix (S6) Mucky Mineral (F Gleyed Matrix (F3) Dark Surface (F6 d Dark Surface (F8) Pools (F9)	II	ndicators for Prob 1 cm Muck (A9) 2 cm Muck (A10 Reduced Vertic Red Parent Mat Other (Explain in Indicators of hydrop wetland hydrolog unless disturbed	olematic Hydric Soils³: () (LRR C) () (LRR B) ((F18) terial (TF2) n Remarks) phytic vegetation and gy must be present, d or problematic. Yes NoX
Hydric Soil Indicators Histosol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A 1 cm Muck (A9) (LF Depleted Below Da Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if processory) Type: Depth (inches): Remarks: The sampled vetland. Therefore, no second surface water (A1) High Water Table ((Applicable to all 4) (I) (LRR C) (R D) (K Surface (A11) (A12) (A12) (A12) (A13) (A14) (A15) (A15) (A16) (A16) (A17) (A17) (A18) (A	LRRs, unless other Sandy F Stripped Loamy N Loamy C Depleted Redox D Depleted Redox D Vernal F	rwise noted.) Redox (S5) d Matrix (S6) Mucky Mineral (F Gleyed Matrix (F3) Dark Surface (F6 d Dark Surface (F8) Pools (F9)	II	ndicators for Prob 1 cm Muck (A9) 2 cm Muck (A10 Reduced Vertic Red Parent Mat Other (Explain in Indicators of hydrop wetland hydrolog unless disturbed	olematic Hydric Soils³: () (LRR C) () (LRR B) ((F18) terial (TF2) n Remarks) phytic vegetation and gy must be present, d or problematic. Yes NoX
Hydric Soil Indicators Histosol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A 1 cm Muck (A9) (LF Depleted Below Da Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if processory) Type: Depth (inches): Remarks: The sampled vetland. Therefore, no second surface water (A1) High Water Table ((Applicable to all 4) (I) (LRR C) (R D) (K Surface (A11) (A12) (A12) (A12) (A13) (A14) (A15) (A15) (A16) (A16) (A17) (A17) (A18) (A	LRRs, unless other Sandy F Stripped Loamy N Loamy C Depleted Redox D Depleted Redox D Vernal F	rwise noted.) Redox (S5) d Matrix (S6) Mucky Mineral (F Gleyed Matrix (F3) Dark Surface (F6 d Dark Surface (F8) Pools (F9)	II	ndicators for Prob 1 cm Muck (A9) 2 cm Muck (A10 Reduced Vertic Red Parent Mat Other (Explain in Indicators of hydrop wetland hydrolog unless disturbed	olematic Hydric Soils³: () (LRR C) () (LRR B) ((F18) terial (TF2) n Remarks) phytic vegetation and gy must be present, d or problematic. Yes NoX
Histosol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A 1 cm Muck (A9) (Li Depleted Below Da Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if pr Type: Depth (inches): Remarks: The sampled vetland. Therefore, no s YDROLOGY Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (4) 4) (CARC) RD) k Surface (A11) (A12) al (S1) x (S4) sent):	Sandy F Stripped Loamy N Loamy N Depleted Redox D Depleted Redox D Vernal F	Redox (S5) d Matrix (S6) Mucky Mineral (F Gleyed Matrix (F3) Dark Surface (F6 d Dark Surface (I Depressions (F8) Pools (F9)	F1)	1 cm Muck (A9) 2 cm Muck (A10 Reduced Vertic Red Parent Mat Other (Explain in Indicators of hydrop wetland hydrolog unless disturbed) (LRR C) () (LRR B) (F18) terial (TF2) n Remarks) phytic vegetation and gy must be present, d or problematic. Yes NoX
Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A 1 cm Muck (A9) (Li Depleted Below Da Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if pr Type: Depth (inches): Remarks: The sampled vetland. Therefore, no second surface (min Surface Water (A1) High Water Table (4) b) (LRR C) R D) k Surface (A11) (A12) al (S1) x (S4) esent):	Stripped Loamy N Loamy (Depleted Redox D Redox D Vernal F	d Matrix (S6) Mucky Mineral (F Gleyed Matrix (F2 d Matrix (F3) Dark Surface (F6 d Dark Surface (I Depressions (F8) Pools (F9)	2)) F7)) Hyd does not meet the	2 cm Muck (A10 Reduced Vertic Red Parent Mat Other (Explain in Indicators of hydrop wetland hydrolog unless disturbed Iric Soil Present?	0) (LRR B) (F18) terial (TF2) n Remarks) phytic vegetation and gy must be present, dor problematic. Yes NoX
Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A 1 cm Muck (A9) (LF Depleted Below Da Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if pr Type: Depth (inches): Remarks: The sampled vetland. Therefore, no second surface of the property of the propert	4) b) (LRR C) R D) k Surface (A11) (A12) al (S1) x (S4) esent):	Loamy N Loamy N Loamy O Depleted Redox D Redox D Vernal F	Mucky Mineral (F Gleyed Matrix (F; d Matrix (F3) Dark Surface (F6 d Dark Surface (I Depressions (F8) Pools (F9)	2)) F7)) Hyd does not meet the	Reduced Vertic Red Parent Mat Other (Explain in Indicators of hydror wetland hydrolog unless disturbed Iric Soil Present?	(F18) terial (TF2) n Remarks) phytic vegetation and gy must be present, d or problematic. Yes NoX
Stratified Layers (A 1 cm Muck (A9) (Li Depleted Below Da Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if pr Type: Depth (inches): Remarks: The sampled vetland. Therefore, no s YDROLOGY Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table ((i) (LRR C) R D) k Surface (A11) (A12) al (S1) x (S4) sent):	Depleted Redox E Depleted Redox E Vernal F	d Matrix (F3) Dark Surface (F6 d Dark Surface (I Depressions (F8) Pools (F9)	Hyd does not meet the	Other (Explain in Indicators of hydrop wetland hydrolog unless disturbed Iric Soil Present?	n Remarks) phytic vegetation and gy must be present, d or problematic. Yes NoX
1 cm Muck (A9) (Li Depleted Below Da Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if pr Type: Depth (inches): Remarks: The sampled vetland. Therefore, no s YDROLOGY Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (R D) k Surface (A11) (A12) al (S1) x (S4) esent):	Redox [Depleted Redox [Vernal F	Dark Surface (F6 dd Dark Surface (I Depressions (F8) Pools (F9)	F7) Hyd does not meet the	Indicators of hydrop wetland hydrolog unless disturbed Iric Soil Present?	ohytic vegetation and gy must be present, I or problematic. Yes NoX
Depleted Below Da Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if pr Type: Depth (inches): Remarks: The sampled vetland. Therefore, no s YDROLOGY Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (k Surface (A11) (A12) al (S1) x (S4) sent): area supports a pre	Depleted Redox [Vernal F	d Dark Surface (i Depressions (F8) Pools (F9)	F7) Hyd does not meet the	wetland hydrolog unless disturbed lric Soil Present?	gy must be present, I or problematic. Yes NoX
Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if proceeding to proceeding the sampled with the sam	(A12) al (S1) x (S4) sent): area supports a pre	Redox I Vernal F	Depressions (F8) Pools (F9) d vegetation and	Hyd does not meet the	wetland hydrolog unless disturbed lric Soil Present?	gy must be present, I or problematic. Yes NoX
Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if proceedings): Depth (inches): Remarks: The sampled wetland. Therefore, no second of the sampled wetland Hydrology In Primary Indicators (minestrange Surface Water Table (inches): High Water Table (inches):	al (S1) x (S4) sent): area supports a pre	Vernal F	Pools (F9)	Hyd does not meet the	wetland hydrolog unless disturbed lric Soil Present?	gy must be present, I or problematic. Yes NoX
Sandy Gleyed Matr Restrictive Layer (if produced for the content of the content o	sent): area supports a pre	edominance of uplanc	d vegetation and	does not meet the	unless disturbed	Yes NoX
Restrictive Layer (if programs): Type: Depth (inches): Remarks: The sampled wetland. Therefore, no second with the sampled wetland and the sampled wetland. Therefore, no second wetland and the sampled wetland and the sampled wetland. Therefore, no second wetland and the sampled wetland wetland and the sampled wetland wetl	sent): area supports a pre			does not meet the	Iric Soil Present?	Yes NoX
Type: Depth (inches): Remarks: The sampled vetland. Therefore, no s YDROLOGY Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (area supports a pre			does not meet the		
Remarks: The sampled wetland. Therefore, no s YDROLOGY Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (does not meet the		
Remarks: The sampled wetland. Therefore, no s YDROLOGY Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (does not meet the		
Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (
Surface Water (A1) High Water Table (licators:				Secondary	Indicators (2 or more require
High Water Table (mum of one require	ed; check all that appl	ly)		Water M	larks (B1) (Riverine)
`		Salt Crus	st (B11)		Sedimer	nt Deposits (B2) (Riverine)
Saturation (A3)	N2)	Biotic Cru	ust (B12)		Drift Dep	oosits (B3) (Riverine)
Saturation (AS)		Aquatic I	nvertebrates (B1	3)	Drainage	e Patterns (B10)
Water Marks (B1) (Nonriverine)	Hydroger	n Sulfide Odor (C	21)	Dry-Sea	son Water Table (C2)
Sediment Deposits	(B2) (Nonriverine)	Oxidized	Rhizospheres al	long Living Roots (0	C3) Thin Mu	ck Surface (C7)
Drift Deposits (B3)	Nonriverine)	Presence	e of Reduced Iror	n (C4)	Crayfish	Burrows (C8)
X Surface Soil Cracks	(B6)	Recent Ir	ron Reduction in	Tilled Soils (C6)	Saturatio	on Visible on Aerial Imagery (C
Inundation Visible of	n Aerial Imagery (B	37) Thin Muc	ck Surface (C7)		Shallow	Aquitard (D3)
Water-Stained Lea	es (B9)	Other (Ex	xplain in Remark	s)	FAC-Ne	utral Test (D5)
Field Observations: Surface Water Present?	Voo	No Y Donth (incl	shoo):			
Nater Table Present?		No X Depth (inc				
		No Depth (inc		—— Wetland b	ludralami Draaant	12 Van V Na
Saturation Present? includes capillary fringe	Yes	No Depth (inc	nes)	vveuand n	lydrology Present	!? Yes <u>X</u> No
escribe Recorded Data		nitoring well, aerial ph	notos, previous ir	spections), if availa	able: n/a	
		recent at the time of th	ne delineation, ev		soil cracks indicate	that the area ponds water. Wa
ble level and saturation				/idence of surface s	on orderto municuto	and and and pointed material and

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 30
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55862		Long: -117.01879 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology	signifi	icantly disturb	ed? Yes	Are "Normal Circumstances" present? Yes X No
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poi	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			
Hydric Soil Present? Yes		15 11	he Sampled . hin a Wetland	YAS NO X
Wetland Hydrology Present? Yes X	No		iiii a vvetiaiii	u:
does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed dde to	past land use	es. This feature was sampled during the growing season and
	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1.	% Cover	Species?	Status	Number of Dominant Species
				That Are OBL, FACW, or FAC: 0 (A)
3				Total Number of Dominant Species Across All Strata: 2 (B)
				Percent of Dominant Species (B)
T		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3				OBL species1 x 1 =1
4				FACW species1 x 2 =2
5				FAC species1 x 3 =3
		= Total Cove	er	FACU species 8 x 4 = 32
Herb Stratum (Plot size:)	4		E40	UPL species $0 \times 5 = 0$
1. Lepidium nitidum	1	N	FAC ORL	Column Totals:11 (A)38(B)
Plagiobothrys acanthocarpus Lepidium latipes	1	N	OBL FACW	Prevalence Index = B/A = 3.5
4. Bromus hordeaceus	3	Y	FACU	Hydrophytic Vegetation Indicators:
5. Hordeum murinum	3	Y	FACU	Dominance Test is >50%
6. Erodium botrys		N	FACU	Prevalence Index is ≤3.0¹
7.				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	11	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				
1				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2				
0/ Page Cround in Harb Stratum 00 0/ Co		= Total Cove	er	Hydrophytic Vegetation
	ver of Biotic			Present? Yes No X
Remarks: Sample area is a vernal pool that receives rupredomince of hydrophytic vegetation. It does support of				

Profile Desc Depth	ription: (Describe Matrix			ent the inc edox Featu		confirm t	the absence	of indicators.)	
(inches)	Color (moist)	<u> </u>	Color (moist)	%	Type ¹	Loc ²	– Texture	e Remarks	
(ITICITES)	Color (moist)		Color (ITIOISI)		Турс				
									
1							2		
	ncentration, D=Deple					S. ²		Pore Lining, RC=Root Channel, M=Matrix.	
-	Indicators: (Appl	icable to all LR						rs for Problematic Hydric Soils ³ :	
Histoso	l (A1)		Sandy F	Redox (S5))		1 cm	n Muck (A9) (LRR C)	
Histic E	pipedon (A2)		Stripped	d Matrix (S	6)		2 cm	n Muck (A10) (LRR B)	
Black H	istic (A3)		Loamy	Mucky Min	eral (F1)		Redu	uced Vertic (F18)	
Hydroge	en Sulfide (A4)		Loamy	Gleyed Ma	trix (F2)		Red	Parent Material (TF2)	
Stratifie	d Layers (A5) (LRI	R C)	Deplete	d Matrix (F	3)		Othe	er (Explain in Remarks)	
1 cm M	uck (A9) (LRR D)	•	Redox I	Dark Surfac	ce (F6)			,	
Deplete	d Below Dark Surf	ace (A11)	Deplete	d Dark Sur	face (F7)				
	ark Surface (A12)	,		Depression			3Indicator	rs of hydrophytic vegetation and	
	Mucky Mineral (S1)	١		Pools (F9)	(- /			and hydrology must be present,	
	Gleyed Matrix (S4)			00.0 (1.0)				ss disturbed or problematic.	
								- Problemane.	
Restrictive	Layer (if present):								
Type:			_						
Depth (inc	hes):						Hydric Soil F	Present? Yes No >	<
Damanda, T							4 46 - 6 44	nytic vegetation standard to be conside	
	rie sampieu area s erefore, no soil pit v						t trie riyuropri	lytic vegetation standard to be conside	ereu a
welland. The	reiore, no son pit v	vas dug and nyc	inc sons are not c	orisidered	to be blest	CIII.			
HYDROLOG	3Y								
	/drology Indicato	rs.					S	secondary Indicators (2 or more req	uired)
-	icators (minimum o		check all that ann	v)			_	Water Marks (B1) (Riverine)	<u>,</u>
	,	one required,		,					
	Water (A1)		Salt Crus				_	Sediment Deposits (B2) (Riverine)	1
High W	ater Table (A2)		Biotic Cr					Drift Deposits (B3) (Riverine)	
Saturati	ion (A3)		Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)	
Water N	Marks (B1) (Nonri v	rerine)	Hydroge	n Sulfide C	dor (C1)			Dry-Season Water Table (C2)	
Sedime	nt Deposits (B2) (Nonriverine)	Oxidized	Rhizosphe	eres along	Livina Ro	oots (C3)	Thin Muck Surface (C7)	
l —	posits (B3) (Nonri			of Reduc	_	_	(/	Crayfish Burrows (C8)	
l —		verific)			-	-	·e) —		· (CO)
	Soil Cracks (B6)			on Reduct		a solis (C	, ^o) —	Saturation Visible on Aerial Imager	y (C9)
	ion Visible on Aeria	,		k Surface				Shallow Aquitard (D3)	
Water-S	Stained Leaves (B9	9)	Other (E	kplain in Re	emarks)		_	FAC-Neutral Test (D5)	
Field Obser	vations:								
Surface Wat		Voc. N	o V Donth (inc	hoo):					
			o X Depth (inc						
Water Table			o Depth (inc						
Saturation P		Yes N	o Depth (inc	hes):		Wetla	and Hydroloឲຸ	gy Present? Yes X No	
(includes cap									
Describe Rec	orded Data (strear	n gauge, monito	ring well, aerial pl	notos, prev	ious inspe	ctions), if	available: n/a	a	
	-	•						ks indicate that the area ponds water	and
supports wetl	and hydrology. Wa	ter table level ar	nd saturation are	not known	as a soil p	ıt was not	aug.		

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA	Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 31
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R	01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55861		Long: -117.018890	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification	n: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in F	Remarks.)
Are Vegetation X, Soil , or Hydrology			-	· <u></u>	
Are Vegetation , Soil X, or Hydrology	 natura	ally problema	tic? Yes	(If needed, explain any ansv	wers in Remarks.)
					
SUMMARY OF FINDINGS – Attach site map sh	lowing sa	mpling poli	nt locations	s, transects, important	teatures, etc.
Hydrophytic Vegetation Present? Yes X	No	_ 1-41	0 1 1	A	
Hydric Soil Present? Yes X	No		ne Sampled . nin a Wetland	V 2QV	No
Wetland Hydrology Present? Yes X	No	_ """	iii a rrouaii	u.	
Remarks: The majority of the vegetation on the site ha	s been dist	urbed due to	past land use	es. This feature was sample	d during the growing season and
meets the wetland criteria.		'	'	,	
VEGETATION – Use scientific names of plants		Daminant	lu dia atau	Dominance Test works	haati
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status		
1. none				Number of Dominant Spe That Are OBL, FACW, or	
2.				Total Number of Dominar	
3.				Species Across All Strata	(D)
4				Percent of Dominant Spe	
		= Total Cove	er	That Are OBL, FACW, or	FAC: <u>100%</u> (A/B)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index works	
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	
5				FAC species FACU species	
Herb Stratum (Plot size:)		= Total Cove	er	FACU species UPL species	x 4 = x 5 =
1. Psilocarphus brevissimus	12	Υ	FACW	Column Totals:	(A) (B)
2. Lythrum hyssopifolia	1	N	OBL		(2)
3. Spergularia bocconi	<u>'</u>	N	FACW	Prevalence Index	= B/A =
4. Crassula aquatica	1	N	OBL	Hydrophytic Vegetation	Indicators:
5. Plagiobothrys acanthocarpus	2	N	OBL	X Dominance Test is	
6. Hypochaeris glabra	1	N	UPL	Prevalence Index i	
7. Plantago elongata	1	N	FACW	Morphological Ada	ptations ¹ (Provide supporting
8.					s or on a separate sheet)
	19	= Total Cov	/er	Problematic Hydro	phytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:					
1. none					and wetland hydrology must
2.				be present, unless distu	rbed or problematic.
		= Total Cove	er	Hydrophytic	
0/ Para Craund in Harb Stratum 94 0/ Ca	vor of Diotio	Crust		Vegetation	o V No
	ver of Biotic			Present? Yes	
Remarks: Sample area is a vernal pool that receives ru predominately of hydrophytic vegetation, it does suppor					
acanthocarpus, and Plantago elongata).	Canoo voile	ai pooi piant ii	idiodioi spec	i olioodi prido brovissiii	as, i lagiosotiliya
					ļ

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Red	dox Featu	ıres		_	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	re Remarks
0-18	10YR 3/2	100					sandy clay	V
	101110/2				· ——		- Garlay Glay	<u> </u>
							-	
1- 0.0						2		
	ncentration, D=Depletion					3. ⁻		Pore Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applic	able to all LR	Rs, unless otherv	vise note	ed.)		Indicato	ors for Problematic Hydric Soils ³ :
Histoso	I (A1)		Sandy R	edox (S5))		1 cm	m Muck (A9) (LRR C)
Histic E	pipedon (A2)		Stripped	Matrix (S	6)		2 cm	m Muck (A10) (LRR B)
Black H	istic (A3)		Loamy M	lucky Min	eral (F1)		Redu	duced Vertic (F18)
— Hydroge	en Sulfide (A4)			Sleyed Ma				d Parent Material (TF2)
, ,	d Layers (A5) (LRR (C)		Matrix (F				er (Explain in Remarks)
	uck (A9) (LRR D)	-,		ark Surfa	,		<u></u> 00	o. (2/p/a : toao)
	d Below Dark Surfac	ρ (Δ11)			rface (F7)			
	ark Surface (A12)	C (A11)		epressior	, ,		3Indicator	ors of hydrophytic vegetation and
				•	15 (1-0)			
	Mucky Mineral (S1)		Vernal P	00IS (F9)				and hydrology must be present,
Sandy 0	Gleyed Matrix (S4)						unies	ss disturbed or problematic.
Restrictive	Layer (if present):							
Type:								
Depth (inc	hoe):		_				Hydric Soil F	Present? Yes X No
Deptil (inc			_				i iyunc 30ii i	rieseiti: ies 🗡 ivo
	rology. This leature is or other factors, which					ск пуапс s	soii indicators	s due to limited saturation depth, saline
HYDROLO	GY							
	drology Indicators	•					S	Secondary Indicators (2 or more required)
_	= -		abook all that apply	۸			<u></u>	
	icators (minimum of	one required,						Water Marks (B1) (Riverine)
	Water (A1)		Salt Crust					Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		X Biotic Crus	st (B12)				Drift Deposits (B3) (Riverine)
Saturat	ion (A3)		X Aquatic In	vertebrat	es (B13)			Drainage Patterns (B10)
— Water N	Marks (B1) (Nonrive i	rine)	Hydrogen	Sulfide C	Odor (C1)			Dry-Season Water Table (C2)
	ent Deposits (B2) (No				eres along	Livina Ro	ots (C3)	Thin Muck Surface (C7)
	posits (B3) (Nonrive	-			ced Iron (C4	_		Crayfish Burrows (C8)
		· · · · · · ·			•	,	-	
	Soil Cracks (B6)				tion in Tille	d Soils (Ci	b)	Saturation Visible on Aerial Imagery (C9)
Inundat	ion Visible on Aerial	Imagery (B7)	Thin Muck		` '			Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	plain in R	emarks)			FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		/oo N	a V Danth (inch					
			o X Depth (inch			-		
Water Table			o Depth (inch			_		
Saturation P		'es N	o Depth (inch	nes):		Wetla	and Hydrolog	ogy Present? Yes X No
` '	pillary fringe)							
Describe Rec	orded Data (stream	gauge, monito	ring well, aerial ph	otos, prev	ious inspe	ctions), if a	available: n/a	/a
						ice of surf	ace soil cracl	cks, biotic crust, and the presence of San
Diego fairy sh	rimp indicate that the	e area ponds v	water andsupports	wetland h	nydrology.			

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA	Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 32
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R	R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55858		Long: -117.01888	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classificatio	on: None
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology				· · · · · · · · · · · · · · · · · · ·	
Are Vegetation Soil X, or Hydrology	 natura	ally problema	tic? Yes	(If needed, explain any ans	wers in Remarks.)
					
SUMMARY OF FINDINGS – Attach site map sh	lowing sa	mpling poli	nt locations	s, transects, important	t teatures, etc.
Hydrophytic Vegetation Present? Yes X	_No	_ 1-41	0	A	
Hydric Soil Present? Yes X	No		ne Sampled nin a Wetlan	Y 2Q X	< No
Wetland Hydrology Present? Yes X	No	_ """	iii a wodan	u.	
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	es. This feature was sample	ed during the growing season and
meets the wetland criteria.		'	•	•	
VEGETATION – Use scientific names of plants					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works	
1. none	70 00101	_ороскоо.		Number of Dominant Sp That Are OBL, FACW, o	
2.				Total Number of Domina	
3.				Species Across All Strata	
4.				Percent of Dominant Spe	ecies
		= Total Cove	er	That Are OBL, FACW, o	or FAC: <u>100%</u> (A/B)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index work	sheet:
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	
5				FAC species	
		= Total Cove	er	FACU species	
Herb Stratum (Plot size:)			= 1 0111	UPL species	x 5 =
1. Psilocarphus brevissimus	15	Y	FACW	Column Totals:	(B)
2. Plagiobothrys acanthocarpus	1	N	OBL	Prevalence Index	x = B/A =
3. Deinandra fasciculata		N	FACU	Undra phytia Vagatatia	n Indicators
Spergularia bocconi Lepidium latipes	<u> </u>	N	FACW FACW	Hydrophytic Vegetation	
6. Plantago elongata	<u>_</u>	N	FACW	X Dominance Test is	
7. Lepidium nitidum	<u> </u>	N	FAC	Prevalence Index	
8.					aptations ¹ (Provide supporting ks or on a separate sheet)
o		= Total Cov			ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:		rotal Got		1 Toblematic Hydro	physic vegetation (Explain)
1 none				¹ Indicators of hydric soi	il and wetland hydrology must
				be present, unless distu	
		= Total Cove	er	Hydrophytic	
				Vegetation	1
% Bare Ground in Herb Stratum78	ver of Biotic	Crust		Present? Ye	es X No
Remarks: Sample area is a vernal pool that receives ru					
predominately of hydrophytic vegetation, it does suppor acanthocarpus, and Plantago elongata).	t three verna	al pool plant i	ndicator spec	ies (Psilocarphus brevissin	nus, Plagiobothrys
and i minago orongata).					

(inches) 0-18				ox Features			
0-18	Color (moist)		Color (moist)	% Type ¹	Loc ²	Texture	Remarks
	10Yr 4/2					sandy clay	
							_
							- -
							_
			Matrix, CS=Covered		ins. ² L		e Lining, RC=Root Channel, M=Matrix.
Hydric Soil I	ndicators: (Applic	cable to all LR	Rs, unless otherw	rise noted.)		Indicators	for Problematic Hydric Soils ³ :
Histosol ((A1)		Sandy Re	edox (S5)		1 cm M	uck (A9) (LRR C)
Histic Epi	ipedon (A2)		Stripped N	Matrix (S6)		2 cm M	uck (A10) (LRR B)
	Black Histic (A3) Loamy Mucky Mineral (F1)						ed Vertic (F18)
	n Sulfide (A4)			eyed Matrix (F2)			rent Material (TF2)
	Layers (A5) (LRR	C)		Matrix (F3)		X Other (Explain in Remarks)
	ck (A9) (LRR D)			ark Surface (F6)			
	Below Dark Surface	ce (A11)		Dark Surface (F7))		
Thick Dark Surface (A12) Redox Depressions (F8)							of hydrophytic vegetation and
Sandy Mucky Mineral (S1) Vernal Pools (F9)							hydrology must be present,
Sandy Gl	leyed Matrix (S4)					unless o	disturbed or problematic.
Restrictive La	ayer (if present):						
Туре:			_				
Depth (inche	es):					Hydric Soil Pre	esent? Yes X No
				urbance.			
YDROLOG	Y						
	Y drology Indicators	:				Sec	ondary Indicators (2 or more require
Wetland Hyd	drology Indicators		check all that apply)				ondary Indicators (2 or more require Water Marks (B1) (Riverine)
Wetland Hyd Primary Indica	drology Indicators		check all that apply)				
Wetland Hyd Primary Indica Surface V	drology Indicators ators (minimum of Water (A1)		check all that apply)) (B11)		<u></u>	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Wetland Hyd Primary Indica Surface V High Wat	drology Indicators eators (minimum of Water (A1) ter Table (A2)		check all that apply) Salt Crust (X Biotic Crus) (B11) at (B12)		<u>_</u>	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Wetland Hyd Primary Indica Surface V High Wat Saturatio	drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3)	one required;	check all that apply) Salt Crust (X Biotic Crus Aquatic Inv	(B11) tt (B12) vertebrates (B13)			Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Wetland Hyd Primary Indica Surface V High Wat Saturation Water Ma	drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive	one required;	check all that apply) Salt Crust (X Biotic Crus Aquatic Inv) (B11) it (B12) vertebrates (B13) Sulfide Odor (C1)		— <u> </u>	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
Primary Indicates Surface V High Wat Saturation Water Ma Sediment	drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No	one required; rine) conriverine)	check all that apply) Salt Crust (X Biotic Crus Aquatic Inv Hydrogen S Oxidized R	(B11) It (B12) Vertebrates (B13) Sulfide Odor (C1) Ithizospheres alon	g Living Roo	ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Primary Indicates Surface V High Water Mater Mat	drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive tt Deposits (B2) (Nonrive	one required; rine) conriverine)	check all that apply) Salt Crust (X Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence of	(B11) vertebrates (B13) Sulfide Odor (C1) Shizospheres alon of Reduced Iron (g Living Roo C4)	ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Primary Indica Surface V High Wat Saturation Water Ma Sediment Drift Depo	drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No osits (B3) (Nonrive Soil Cracks (B6)	one required; rrine) ponriverine) erine)	check all that apply) Salt Crust (X Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence co	(B11) It (B12) Vertebrates (B13) Sulfide Odor (C1) Rhizospheres alon of Reduced Iron (0	g Living Roo C4)	ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8)
Wetland Hyd Primary Indica Surface V High Wat Saturatio Water Ma Sediment Drift Depo	cators (minimum of water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive to Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial	one required; rrine) porriverine) erine) Imagery (B7)	check all that apply) Salt Crust (X Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence co Recent Iron Thin Muck	(B11) It (B12) Vertebrates (B13) Sulfide Odor (C1) Ithizospheres alon of Reduced Iron (C1) Reduction in Till Surface (C7)	g Living Roo C4)	ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3)
Wetland Hyd Primary Indica Surface V High Wat Saturatio Water Ma Sediment Drift Depo	drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No osits (B3) (Nonrive Soil Cracks (B6)	one required; rrine) porriverine) erine) Imagery (B7)	check all that apply) Salt Crust (X Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence co Recent Iron Thin Muck	(B11) It (B12) Vertebrates (B13) Sulfide Odor (C1) Rhizospheres alon of Reduced Iron (0	g Living Roo C4)	ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8)
Wetland Hyd Primary Indica Surface V High Wat Saturatio Water Ma Sediment Drift Depo X Surface S Inundatio Water-Sta	drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) ations:	one required; rrine) conriverine) erine) Imagery (B7)	check all that apply) Salt Crust (X Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Other (Exp	(B11) It (B12) Vertebrates (B13) Sulfide Odor (C1) Rhizospheres alon of Reduced Iron (C1) Reduction in Till Surface (C7) Islain in Remarks)	g Living Roo C4) led Soils (C6	ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3)
Wetland Hyd Primary Indica Surface V High Wat Saturatio Water Ma Sediment Drift Depo	drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No rosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) ations: r Present?	one required; rrine) porriverine) erine) Imagery (B7)	check all that apply) Salt Crust (X Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Other (Exp	(B11) It (B12) Vertebrates (B13) Sulfide Odor (C1) Ithizospheres alon of Reduced Iron (C1) Reduction in Till Surface (C7) Iolain in Remarks)	g Living Roo C4) led Soils (C6	ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3)
Primary Indica Surface V High Wate Saturatio Water Ma Sediment Drift Dept X Surface S Inundatio Water-Sta	drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No rosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) ations: r Present?	one required; rrine) prine) erine) Imagery (B7) Yes N	check all that apply) Salt Crust (X Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence c Recent Iror Thin Muck Other (Exp	(B11) It (B12) Vertebrates (B13) Sulfide Odor (C1) Ithizospheres alon of Reduced Iron (C) In Reduction in Till Surface (C7) Iolain in Remarks) es):	g Living Roo C4) led Soils (C6	ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3)
Wetland Hyd Primary Indica Surface W High Wat Saturatio Water Ma Sediment Drift Depo X Surface S Inundatio Water-Sta Field Observa Surface Water Water Table P Saturation Pre	drology Indicators cators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive to Deposits (B2) (No rosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial cained Leaves (B9) ations: r Present?	one required; rrine) prine) erine) Imagery (B7) Yes N	check all that apply) Salt Crust (X Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Other (Exp	(B11) It (B12) Vertebrates (B13) Sulfide Odor (C1) Ithizospheres alon of Reduced Iron (C) In Reduction in Till Surface (C7) Iolain in Remarks) es):	g Living Roo C4) led Soils (C6	ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indicators Surface Water Massediment Drift Deporation Water-Stater Stater Surface Water-Stater Stater Surface Water Water Table President Saturation President Stater Sta	drology Indicators cators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial cained Leaves (B9) ations: r Present? Present? esent?	one required; rrine) conriverine) erine) Imagery (B7) Yes N Yes N	check all that apply) Salt Crust (X Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence c Recent Iror Thin Muck Other (Exp	(B11) It (B12) Vertebrates (B13) Sulfide Odor (C1) Rhizospheres alon of Reduced Iron (Cn) Reduction in Till Surface (C7) Islain in Remarks) Ses): Ses):	g Living Roo C4) led Soils (C6	ts (C3))	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indicators Surface Water Massediment Drift Deporation Water-Stater Stater Surface Water-Stater Stater Surface Water Water Table President Saturation President Stater Sta	drology Indicators cators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial cained Leaves (B9) ations: r Present? Present? esent?	one required; rrine) conriverine) erine) Imagery (B7) Yes N Yes N	check all that apply) Salt Crust (X Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence c Recent Iror Thin Muck Other (Exp	(B11) It (B12) Vertebrates (B13) Sulfide Odor (C1) Rhizospheres alon of Reduced Iron (Cn) Reduction in Till Surface (C7) Islain in Remarks) Ses): Ses):	g Living Roo C4) led Soils (C6	ts (C3))	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hyd Primary Indica Surface W High Wat Saturatio Water Ma Sediment Drift Depo X Surface S Inundatio Water-Sta Field Observa Surface Water Water Table P Saturation Pre (includes capil	drology Indicators cators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial cained Leaves (B9) ations: r Present? Present? esent?	one required; rrine) conriverine) erine) Imagery (B7) Yes N Yes N	check all that apply) Salt Crust (X Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence c Recent Iror Thin Muck Other (Exp	(B11) It (B12) Vertebrates (B13) Sulfide Odor (C1) Rhizospheres alon of Reduced Iron (Cn) Reduction in Till Surface (C7) Islain in Remarks) Ses): Ses):	g Living Roo C4) led Soils (C6	ts (C3))	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indication Surface Water Masses Sediment Drift Depo X Surface S Inundation Water-Sta Surface Water Water Table P Saturation Pre (includes capillescribe Recontered)	drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial trained Leaves (B9) ations: r Present? Present? eseent? ellary fringe) orded Data (stream	one required; rrine) conriverine) lmagery (B7) Yes N Yes N gauge, monito	check all that apply) Salt Crust (X Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Other (Exp	(B11) it (B12) vertebrates (B13) Sulfide Odor (C1) thizospheres alon of Reduced Iron (0 in Reduction in Till Surface (C7) olain in Remarks) es): es): es): otos, previous insp	g Living Roo C4) led Soils (C6 Wetlar pections), if a	ts (C3)) and Hydrology vailable: n/a	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3) FAC-Neutral Test (D5) Present? Yes X No
Wetland Hyd Primary Indica Surface V High Wat Saturatio Water Ma Sediment Drift Depo X Surface S Inundatio Water-Sta Field Observa Surface Water Water Table P Saturation Precincludes capil escribe Record	drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial trained Leaves (B9) ations: r Present? Present? eseent? ellary fringe) orded Data (stream	one required; rrine) conriverine) erine) Imagery (B7) Yes N Yes N gauge, monito	check all that apply) Salt Crust (X Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Other (Exp	(B11) it (B12) vertebrates (B13) Sulfide Odor (C1) thizospheres alon of Reduced Iron (0 in Reduction in Till Surface (C7) olain in Remarks) es): es): es): otos, previous insp	g Living Roo C4) led Soils (C6 Wetlar pections), if a	ts (C3)) and Hydrology vailable: n/a	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hyd Primary Indica Surface V High Wat Saturation Water Ma Sediment Drift Depo X Surface S Inundation Water-Sta Surface Water Water Table P Saturation Pre (includes capill escribe Record	drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial trained Leaves (B9) ations: r Present? Present? esent? ellary fringe) orded Data (stream	one required; rrine) conriverine) erine) Imagery (B7) Yes N Yes N gauge, monito	check all that apply) Salt Crust (X Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Other (Exp	(B11) it (B12) vertebrates (B13) Sulfide Odor (C1) thizospheres alon of Reduced Iron (0 in Reduction in Till Surface (C7) olain in Remarks) es): es): es): otos, previous insp	g Living Roo C4) led Soils (C6 Wetlar pections), if a	ts (C3)) and Hydrology vailable: n/a	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5) Present? Yes X No
Wetland Hyde Primary Indice Surface V High Water Mater	drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial trained Leaves (B9) ations: r Present? Present? esent? ellary fringe) orded Data (stream	one required; rrine) conriverine) erine) Imagery (B7) Yes N Yes N gauge, monito	check all that apply) Salt Crust (X Biotic Crus Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iror Thin Muck Other (Exp	(B11) it (B12) vertebrates (B13) Sulfide Odor (C1) thizospheres alon of Reduced Iron (0 in Reduction in Till Surface (C7) olain in Remarks) es): es): es): otos, previous insp	g Living Roo C4) led Soils (C6 Wetlar pections), if a	ts (C3)) and Hydrology vailable: n/a	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3) FAC-Neutral Test (D5) Present? Yes X No

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA	_Sampling Date:	March 4, 2018		
Applicant/Owner: Pardee Homes				State: CA	_Sampling Point:	33		
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S F	R01W			
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave	Slop	e (%): <u>0-2</u>		
Subregion (LRR): LRR-C	Lat: :	32.55854		Long: <u>-117.01886</u>	Datum	n: <u>NAD83</u>		
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification	on: None			
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o(If no, explain in	Remarks.)			
Are Vegetation X, Soil , or Hydrology _	signifi	icantly disturb	ed? Yes	Are "Normal Circumstance	es" present? Yes	X No		
Are Vegetation, SoilX,or Hydrology	natura	ally problema	tic? Yes	(If needed, explain any ans	swers in Remarks	.)		
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poi	nt locations	s, transects, importan	t features, etc.			
Hydrophytic Vegetation Present? Yes X	No Is the Sampled Area							
Hydric Soil Present? Yes X	No		ne Sampled . nin a Wetland	Yes	X No			
Wetland Hydrology Present? Yes X	No		iiii a vvetiaiii	u:				
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and meets the wetland criteria. VEGETATION – Use scientific names of plants.								
	Absolute	Dominant	Indicator	Dominance Test works	sheet:			
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Sp				
1. <u>none</u> 2.				That Are OBL, FACW, o		<u>1</u> (A)		
				Total Number of Domina Species Across All Strat		1 (B)		
4.				Percent of Dominant Sp	ecies	(B)		
"		= Total Cove	er	That Are OBL, FACW, o	or FAC: 1	00% (A/B)		
Sapling/Shrub Stratum (Plot size:)								
1. none				Prevalence Index work	sheet:			
2.				Total % Cover of:	Multipl	y by:		
3				OBL species	x 1 =			
4				FACW species	x 2 =			
5				FAC species	x 3 =			
		= Total Cove	er	FACU species	x 4 =			
Herb Stratum (Plot size:)			= 1 0111	UPL species	x 5 =			
1. Psilocarphus brevissimus		Y	FACW	Column Totals:	(A)	(B)		
Plagiobothrys acanthocarpus Hordeum murinum	$\frac{3}{2}$	N	— OBL FACU	Prevalence Inde	x = B/A =			
	1	N	UPL	Hydrophytic Vegetatio	n Indiantoro			
Chrysanthemum coronarium Lepidium latipes	<u>_</u>	N	FACW					
6. Erodium botrys	<u></u>	N	FACU	X Dominance Test i				
				Morphological Ad		e supporting		
8.					ks or on a separat			
	28	= Total Cov	/er	Problematic Hydro	ophytic Vegetatio	n¹ (Explain)		
Woody Vine Stratum (Plot size:)				,	1 7 3	(1)		
1. none				¹ Indicators of hydric so be present, unless dist				
2								
% Bare Ground in Herb Stratum 72 % Co	ver of Biotic	= Total Cove	er	Hydrophytic Vegetation Present? Yes	es X No			
Remarks: Sample area is a vernal pool that receives ru			all local miara					
predominately of hydrophytic vegetation, it does suppor acanthocarpus).								

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Red	dox Featu	ıres				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	e Remarks	
0-18	10YR 4/2	100					sandy clay	W.	
0 10	10111472						- Janay Glay	<u> </u>	
							_		
							-		
1						2.			
	ncentration, D=Depletion					S. ⁴ l		Pore Lining, RC=Root Channel, M=Matrix.	
Hydric Soil	Indicators: (Applic	able to all LR	Rs, unless otherv	vise note	ed.)		Indicator	ors for Problematic Hydric Soils ³ :	
Histoso	I (A1)		Sandy R	edox (S5))		1 cm	n Muck (A9) (LRR C)	
Histic E	pipedon (A2)		Stripped	Matrix (S	6)		2 cm	n Muck (A10) (LRR B)	
Black H	istic (A3)			lucky Min	-			luced Vertic (F18)	
	en Sulfide (A4)			Sleyed Ma				Parent Material (TF2)	
, ,	d Layers (A5) (LRR (3)		Matrix (F				er (Explain in Remarks)	
	uck (A9) (LRR D)	3 ,		ark Surfa	,		<u> </u>	or (Explain in Romano)	
	d Below Dark Surfac	o (A11)			rface (F7)				
		e (ATT)			, ,		3Indicator	ore of hydrophytic vocatation and	
Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9)							ors of hydrophytic vegetation and		
			vernai P	oois (F9)				and hydrology must be present,	
Sandy 0	Gleyed Matrix (S4)						unles	ss disturbed or problematic.	
Restrictive	Layer (if present):								
Type:	, , ,								
	hoo):		_				Hydric Soil F	Present? Yes X No	
Depth (inc			_				Hydric Soil F	Present? Yes X No No	_
	or other factors, which					ok flydlic s	on mulcators	s due to limited saturation depth, saline	
HYDROLO	GY								
Wetland Hy	drology Indicators	-					S	Secondary Indicators (2 or more requir	ed)
_	icators (minimum of		chack all that apply	Λ			<u></u>	Water Marks (B1) (Riverine)	<u> </u>
	•	one required,							
	Water (A1)		Salt Crust					Sediment Deposits (B2) (Riverine)	
High W	ater Table (A2)		X Biotic Crus	st (B12)				Drift Deposits (B3) (Riverine)	
Saturat	ion (A3)		Aquatic In	vertebrat	es (B13)			Drainage Patterns (B10)	
Water N	Marks (B1) (Nonrive i	rine)	Hydrogen	Sulfide C	Odor (C1)			Dry-Season Water Table (C2)	
	ent Deposits (B2) (No		 · ·		eres along	l ivina Ro	ots (C3)	Thin Muck Surface (C7)	
	posits (B3) (Nonrive	-		•	ced Iron (C4	•		Crayfish Burrows (C8)	
	sposits (B3) (Nonitive Soil Cracks (B6)				`	,	-		CO.
	` '	. (5-)			tion in Tille	a Solis (Co	o) —	Saturation Visible on Aerial Imagery (J9)
	ion Visible on Aerial	Imagery (B7)	Thin Muck					Shallow Aquitard (D3)	
Water-S	Stained Leaves (B9)		Other (Ex	plain in R	emarks)			FAC-Neutral Test (D5)	
Field Obser	vations:								
Surface Wat		/oo N	o V Donth (inch	,oo).					
			o X Depth (inch			-			
Water Table			o Depth (inch			_			
Saturation P		'es N	o Depth (inch	ies):		_ Wetla	ınd Hydrolog	ogy Present? Yes X No	
	pillary fringe)								
Describe Rec	corded Data (stream	gauge, monito	ring well, aerial ph	otos, prev	ious inspe	ctions), if a	available: n/a	/a	
Remarks: Alt	hough no surface wa	ater was prese	ent at the time of the	e delineat	tion, eviden	ice of surfa	ace soil crack	cks and biotic crust indicate that the area	
ponds water a	and supports wetland	l hydrology.							

Project/Site: Southwest Village Specific Plan		City/Coun	nty: <u>San Dieg</u>	o, CA	Sampling Date: March 4, 2018	
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 34	
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave	Slope (%): 0-2	
Subregion (LRR): LRR-C	Lat: 3	32.55868		Long: -117.018966	Datum: NAD83	
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification	on: None	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology						
Are Vegetation , Soil X, or Hydrology						
						
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poli	nt locations	s, transects, important	t teatures, etc.	
Hydrophytic Vegetation Present? Yes X	_No	Is the Sampled Area				
Hydric Soil Present? Yes X	_No		ne Sampied nin a Wetlan	VΔC)	X No	
Wetland Hydrology Present? Yes X	_No	_ """	iiii a rrotiaii	. .		
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	es. This feature was sample	ed during the growing season and	
meets the wetland criteria.		·	•	·		
VEGETATION – Use scientific names of plants		Damainant	la di a atau	Dominance Test works	ahaati.	
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status			
1. none				Number of Dominant Sp That Are OBL, FACW, o		
2.				Total Number of Domina		
3.				Species Across All Strat	(D)	
4				Percent of Dominant Sp		
		= Total Cove	er	That Are OBL, FACW, o	or FAC: <u>100</u> (A/B)	
Sapling/Shrub Stratum (Plot size:)						
1. <u>none</u>				Prevalence Index work		
2				Total % Cover of:	Multiply by:	
3				OBL species	x 1 =	
4				FACW species		
5				FAC species FACU species		
Herb Stratum (Plot size:)		= Total Cove	er	FACU species UPL species	x 4 = x 5 =	
1. Psilocarphus brevissimus	25	Υ	FACW	Column Totals:	(A) (B)	
2. Plantago elongata	1	N	FACW		(5)	
3. Plagiobothrys acanthocarpus		N	OBL	Prevalence Index	x = B/A =	
4. Hordeum murinum		N	FACU	Hydrophytic Vegetatio	on Indicators:	
5. Sonchus oleraceus	1	N	UPL	X Dominance Test is		
6. Bromus hordeaceus	1	N	FACU	Prevalence Index		
7. Deinandra fasciculata	1	N	FACU		aptations¹ (Provide supporting	
8.					ks or on a separate sheet)	
	36	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)	
Woody Vine Stratum (Plot size:						
1. none					il and wetland hydrology must	
2.				be present, unless distr	urbed or problematic.	
		= Total Cove	er	Hydrophytic		
0/ Para Craund in Harb Stratum 64 0/ Ca	ver of Dietie	Crust		Vegetation	oo V No	
	ver of Biotic			Present? Ye		
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does suppor						
acanthocarpus, and Plantago elongata).	Cance verile	ai pooi piant ii	naloator spec	700 (1 31100ai pi lua bi evissii	iido, i idgiobotiii ya	

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist) % Type ¹	Loc ² Text	ture Remarks			
0-10	10YR 4/3	100		clay				
10-18	10YR 4/4	100		sandy c	slay			
		•	d Matrix, CS=Covered or Coated Sand Gra		L=Pore Lining, RC=Root Channel, M=Matrix.			
•		able to all LF	RRs, unless otherwise noted.)		ators for Problematic Hydric Soils ³ :			
Histoso	` '		Sandy Redox (S5)		cm Muck (A9) (LRR C)			
	pipedon (A2) listic (A3)		Stripped Matrix (S6) Loamy Mucky Mineral (F1)		cm Muck (A10) (LRR B) educed Vertic (F18)			
	en Sulfide (A4)		Loamy Gleyed Matrix (F2)		educed vertic (F16) ed Parent Material (TF2)			
	ed Layers (A5) (LRR	C)	Depleted Matrix (F3)		ther (Explain in Remarks)			
	uck (A9) (LRR D)	,	Redox Dark Surface (F6)		,			
Deplete	ed Below Dark Surfac	e (A11)	Depleted Dark Surface (F7	7)				
	ark Surface (A12)		Redox Depressions (F8)		ators of hydrophytic vegetation and			
	Mucky Mineral (S1)		Vernal Pools (F9)		etland hydrology must be present,			
Sandy (Gleyed Matrix (S4)			un	less disturbed or problematic.			
Restrictive	Layer (if present):							
Type:			<u> </u>					
Depth (inc	ches):		_	Hydric So	oil Present? Yes X No No			
			human-caused disturbance.	Taok Hydno Soli Indicat	ors due to limited saturation depth, saline			
HYDROLO	GY							
-	ydrology Indicators				Secondary Indicators (2 or more required)			
	licators (minimum of	one required;			Water Marks (B1) (Riverine)			
	` '		Salt Crust (B11)		Sediment Deposits (B2) (Riverine)			
<u> </u>	ater Table (A2)		<u> </u>					
<u> </u>					Drift Deposits (B3) (Riverine)			
<u> </u>					Drainage Patterns (B10)			
Water N	Marks (B1) (Nonrive		X Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1))	Drainage Patterns (B10) Dry-Season Water Table (C2)			
Water M	Marks (B1) (Nonrive lent Deposits (B2) (No	onriverine)	Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres alor	ng Living Roots (C3)	Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)			
Water M Sedime Drift De	Marks (B1) (Nonrive lent Deposits (B2) (No eposits (B3) (Nonrive	onriverine)	Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres alor Presence of Reduced Iron (ng Living Roots (C3)	Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)			
Water M Sedime Drift De X Surface	Marks (B1) (Nonrive lent Deposits (B2) (No rive eposits (B3) (Nonrive e Soil Cracks (B6)	erine)	Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres alor Presence of Reduced Iron (Recent Iron Reduction in Til	ng Living Roots (C3)	Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)			
Water M Sedime Drift De X Surface Inundat	Marks (B1) (Nonrive lent Deposits (B2) (No rive) eposits (B3) (Nonrive) e Soil Cracks (B6) tion Visible on Aerial	erine)	Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres alor Presence of Reduced Iron (Recent Iron Reduction in Til Thin Muck Surface (C7)	ng Living Roots (C3) (C4) Illed Soils (C6)	Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)			
Water M Sedime Drift De X Surface Inundat Water-S	Marks (B1) (Nonriverent Deposits (B2) (No eposits (B3) (Nonriverent Soli Cracks (B6) tion Visible on Aerial Stained Leaves (B9)	erine)	Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres alor Presence of Reduced Iron (Recent Iron Reduction in Til	ng Living Roots (C3) (C4) Illed Soils (C6)	Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)			
Water M Sedime Drift De X Surface Inundat Water-S	Marks (B1) (Nonriverent Deposits (B2) (No eposits (B3) (Nonriverence Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9)	onriverine) erine) Imagery (B7)	Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres alor Presence of Reduced Iron (Recent Iron Reduction in Til Thin Muck Surface (C7) Other (Explain in Remarks)	ng Living Roots (C3) (C4) Illed Soils (C6)	Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)			
Water M Sedime Drift De X Surface Inundat Water-S Field Obser	Marks (B1) (Nonriverent Deposits (B2) (No eposits (B3) (Nonriverent Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations:	onriverine) erine) Imagery (B7) /es N	Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres alor Presence of Reduced Iron (Recent Iron Reduction in Til Thin Muck Surface (C7) Other (Explain in Remarks)	ng Living Roots (C3) (C4) Illed Soils (C6)	Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)			
Water M Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table	Marks (B1) (Nonriverent Deposits (B2) (Nonriverent Deposits (B3) (Nonriverence Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations: ter Present?	onriverine) Imagery (B7) Yes N	Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres alor Presence of Reduced Iron (Recent Iron Reduction in Til Thin Muck Surface (C7) Other (Explain in Remarks) No X Depth (inches): Depth (inches):	ng Living Roots (C3) (C4) illed Soils (C6)	Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)			
Water M Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P	Marks (B1) (Nonriverent Deposits (B2) (Nonriverent Deposits (B3) (Nonriverence Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations: ter Present?	onriverine) Imagery (B7) Yes N	Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres alor Presence of Reduced Iron (Recent Iron Reduction in Til Thin Muck Surface (C7) Other (Explain in Remarks)	ng Living Roots (C3) (C4) Illed Soils (C6)	Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)			
Water M Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes ca	Marks (B1) (Nonriverent Deposits (B2) (No posits (B3) (Nonriverent Presents) (Present?) Present? Marks (B1) (Nonriverent Present? Present?	onriverine) prine) Imagery (B7) /es N /es N	Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres alor Presence of Reduced Iron (Recent Iron Reduction in Til Thin Muck Surface (C7) Other (Explain in Remarks) No X Depth (inches): Depth (inches):	ng Living Roots (C3) (C4) Illed Soils (C6) Wetland Hydro	Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)			
Water M Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes ca	Marks (B1) (Nonriverent Deposits (B2) (No posits (B3) (Nonriverent Presents) (Present?) Present? Marks (B1) (Nonriverent Present? Present?	onriverine) prine) Imagery (B7) /es N /es N	Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres alor Presence of Reduced Iron (Recent Iron Reduction in Til Thin Muck Surface (C7) Other (Explain in Remarks) No X Depth (inches): Depth (inches):	ng Living Roots (C3) (C4) Illed Soils (C6) Wetland Hydro	Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)			
Water M Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Rec	Marks (B1) (Nonrivelent Deposits (B2) (No eposits (B3) (Nonrivelent Soil Cracks (B6) eposits (B3) (Nonrivelent Stained Leaves (B9) evations: ter Present?	onriverine) Imagery (B7) /es N /es N gauge, monito	Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres alor Presence of Reduced Iron (Recent Iron Reduction in Til Thin Muck Surface (C7) Other (Explain in Remarks) No X Depth (inches): Depth (inches): Depth (inches):	ng Living Roots (C3) (C4) Illed Soils (C6) Wetland Hydro	Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)			
Water M Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes ca) Describe Rec	Marks (B1) (Nonrivelent Deposits (B2) (No eposits (B3) (Nonrivelent Soil Cracks (B6) eposits (B3) (Nonrivelent Stained Leaves (B9) evations: ter Present?	onriverine) Imagery (B7) /es N /es N gauge, monito	Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres alor Presence of Reduced Iron (Recent Iron Reduction in Til Thin Muck Surface (C7) Other (Explain in Remarks) No X Depth (inches): Depth (inches): Depth (inches):	ng Living Roots (C3) (C4) Illed Soils (C6) Wetland Hydro	Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)			
Water M Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes ca) Describe Rec	Marks (B1) (Nonrivelent Deposits (B2) (Nonrivelent Deposits (B3) (Nonrivelent Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations: ter Present? Present? Present? pillary fringe) corded Data (stream of though no surface wathough	onriverine) Imagery (B7) /es N /es N gauge, monito	Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres alor Presence of Reduced Iron (Recent Iron Reduction in Til Thin Muck Surface (C7) Other (Explain in Remarks) No X Depth (inches): Depth (inches): Depth (inches):	ng Living Roots (C3) (C4) Illed Soils (C6) Wetland Hydro	Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)			
Water M Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Rec	Marks (B1) (Nonrivelent Deposits (B2) (Nonrivelent Deposits (B3) (Nonrivelent Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations: ter Present? Present? Present? pillary fringe) corded Data (stream of though no surface wathough	onriverine) Imagery (B7) /es N /es N gauge, monito	Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres alor Presence of Reduced Iron (Recent Iron Reduction in Til Thin Muck Surface (C7) Other (Explain in Remarks) No X Depth (inches): Depth (inches): Depth (inches):	ng Living Roots (C3) (C4) Illed Soils (C6) Wetland Hydro	Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)			

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling	g Date: March 4, 2018		
Applicant/Owner: Pardee Homes				State: CA Sampling	g Point: 35		
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W	-		
Landform (hillslope, terrace, etc.): mesa top				, convex, none): concave	Slope (%): 0-2		
Subregion (LRR): LRR-C	Lat: 3		•	Long: -117.01860	_		
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s							
Are climatic / hydrologic conditions on the site typical for							
Are Vegetation X, Soil , or Hydrology _							
Are Vegetation, Soil, or Hydrology							
SUMMARY OF FINDINGS – Attach site map sh							
Hydrophytic Vegetation Present? Yes X	_No	Is the Sampled Area					
Hydric Soil Present? Yes X	_No		ie Sampieu iin a Wetlan	YAS X NO)		
Wetland Hydrology Present? Yes X	No	_					
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and meets the wetland criteria. VEGETATION – Use scientific names of plants.							
Trac Stratum (Diet size:	Absolute	Dominant Species?	Indicator	Dominance Test worksheet:			
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC:	1 (A)		
2.				Total Number of Dominant	1(A)		
3				Species Across All Strata: Percent of Dominant Species	1(B)		
4				That Are OBL, FACW, or FAC:	100 (A/B)		
Sapling/Shrub Stratum (Plot size:)		= Total Cove	er		· ·		
1. none				Prevalence Index worksheet:			
2				Total % Cover of:	Multiply by:		
3					1 =		
4					2 =		
5					3 =		
Harle Christian (District)		= Total Cove	er		4 =		
Herb Stratum (Plot size:)	1	NI	OBL	UPL species x 5 Column Totals: (A	5 =(B)		
Lytrium nyssopiiolia Psilocarphus brevissimus	10	N	FACW	Column Totals (A	(В)		
Spergularia bocconi	1	N	FACW	Prevalence Index = B/A =			
4. Matricaria discoidea	<u>-</u>	N	FACU	Hydrophytic Vegetation Indicat	ors.		
5. Hordeum murinum	1	N	FACU	X Dominance Test is >50%	010.		
6.				Prevalence Index is ≤3.0¹			
7.				Morphological Adaptations	1 (Provide supporting		
8.				data in Remarks or on a			
	14	= Total Cov	/er	Problematic Hydrophytic Ve	egetation¹ (Explain)		
Woody Vine Stratum (Plot size:							
1. none				¹ Indicators of hydric soil and wet			
2		-		be present, unless disturbed or p	oroblematic.		
		= Total Cove	er	Hydrophytic Vegetation			
	ver of Biotic		Miles et et	Present? Yes X	No		
Remarks: Sample area is a vernal pool that receives ru predominately of hydrophytic vegetation, it does suppor					pool consisting		
and the second s	7511101	r = 5. Pidire in		S. SS. P. MO STOTIOUTINO).			

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			dox Featu			_	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-5	10YR 4/2	97	7.5YR 4/4	3	C	М	sandy clay	redox observed
5-18	10YR 4/3	100					sandy clay	no redox
							_	
							_	
¹ Type: C=Co	ncentration, D=Depletion	on, RM=Reduc	ced Matrix, CS=Covered	or Coated	Sand Grain	S. ²	Location: PL=Por	re Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Appli	cable to all I	LRRs, unless other	wise noted	d.)		Indicators	for Problematic Hydric Soils ³ :
Histoso	I (A1)		Sandy F	Redox (S5)			1 cm M	Muck (A9) (LRR C)
	pipedon (A2)			Matrix (S6	,			Muck (A10) (LRR B)
	Black Histic (A3) Loamy Mucky Mineral (F1)							ed Vertic (F18)
	en Sulfide (A4)	•		Sleyed Mat				arent Material (TF2)
	d Layers (A5) (LRR uck (A9) (LRR D)	(C)	X Depleted	a Matrix (Fi)ark Surfac	,		Other ((Explain in Remarks)
	ed Below Dark Surfa	ce (A11)		d Dark Suriac	. ,			
	Thick Dark Surface (A12) Redox Depressions (F8)							of hydrophytic vegetation and
Sandy Mucky Mineral (S1) Vernal Pools (F9)								I hydrology must be present,
Sandy	Gleyed Matrix (S4)			, ,				disturbed or problematic.
Restrictive	Layer (if present):							
Type:								
Depth (inc	:hes):						Hydric Soil Pr	esent? Yes X No
	istinct redox feature		(0.5")					
HYDROLO								
-	ydrology Indicators			,			Sec	condary Indicators (2 or more required)
	•	one required	d; check all that apply					Water Marks (B1) (Riverine)
	e Water (A1)		Salt Crus	, ,				Sediment Deposits (B2) (Riverine)
•	ater Table (A2)		X Biotic Cru	, ,	(0.40)			Drift Deposits (B3) (Riverine)
	ion (A3)		X Aquatic Ir		,			Drainage Patterns (B10)
	Marks (B1) (Nonrive			Sulfide O		Livina Do		Dry-Season Water Table (C2)
	ent Deposits (B2) (N	-		Rhizosphe of Reduce	_	-	ots (C3)	Thin Muck Surface (C7)
	eposits (B3) (Nonriv	erine)		on Reducti	`	,		Crayfish Burrows (C8)
	e Soil Cracks (B6) tion Visible on Aeria	I Imagany (B		k Surface (a Solis (C		Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
	Stained Leaves (B9)	• • •	· —	κ Suriace (κplain in Re	` '			FAC-Neutral Test (D5)
_					omano,			1710 Hodiral Foot (Bo)
Field Obser			No. V. Donato Const	\				
Surface Wat		Yes	No X Depth (incl			-		
Water Table				· —		— 		Draggard Vac V Na
Saturation P	resent? pillary fringe)	Yes	No Depth (incl	nes):		_ wetia	and Hydrology	Present? Yes X No
		gauge, mon	itoring well, aerial ph	otos, previ	ious inspe	ctions), if	available: n/a	
	`	0 0 /	0 / 1		•	,,		
	•	•			-	ice of surf	ace soil cracks	, biotic crust, and the presence of San
Diego lali y Sr	mmp mulcate that tr	ie aiea pond	s water and supports	s weuand n	iyurology.			

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 4, 2018		
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 36		
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W		
Landform (hillslope, terrace, etc.): mesa top				, convex, none): concave Slope (%): 0-2		
Subregion (LRR): LRR-C	Lat: 3		•	Long: -117.01859 Datum: NAD83		
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None		
Are climatic / hydrologic conditions on the site typical for			X No			
				Are "Normal Circumstances" present? Yes X No		
				(If needed, explain any answers in Remarks.)		
SUMMARY OF FINDINGS – Attach site map sh						
Hydrophytic Vegetation Present? Yes	No X	S X Is the Sampled Area				
Hydric Soil Present? Yes	No X		ne Sampied nin a Wetlan	YAS NO X		
Wetland Hydrology Present? Yes X	_No	_ """	iii a wodaii	u.		
does not meet the wetland criteria VEGETATION – Use scientific names of plants	S.			es. This feature was sampled during the growing season and		
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:		
1. none	70 00 001	_орсою.	Otatas	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)		
2.				Total Number of Dominant		
3				Percent of Dominant Species (B)		
4		= Total Cove		That Are OBL, FACW, or FAC: (A/B)		
Sapling/Shrub Stratum (Plot size:)		- Total Cove	5 1			
1. none				Prevalence Index worksheet:		
2.				Total % Cover of: Multiply by:		
3.				OBL species 2 x 1 = 2		
4.				FACW species 3 x 2 = 6		
5.				FAC species0 x 3 =0		
		= Total Cove	er	FACU species 7 x 4 = 38		
Herb Stratum (Plot size:)				UPL species 2 x 5 = 10		
Lythrum hyssopifolia	2	N	OBL	Column Totals:14 (A)56(B)		
2. Mesembryanthemum nodiflorum	2	N	FACU	Prevalence Index = B/A = 4		
3. Chrysanthemum coronarium		N	UPL			
4. Spergularia bocconi	3	Y	FACW	Hydrophytic Vegetation Indicators:		
5. Schismus barbatus		N	UPL	Dominance Test is >50%		
6. Hordeum murinum		Y	FACU_	Prevalence Index is ≤3.0¹		
7. 8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)		
0	14	= Total Cov		Problematic Hydrophytic Vegetation ¹ (Explain)		
Woody Vine Stratum (Plot size:)		- Total Gov	701	Problematic Hydrophytic Vegetation (Explain)		
1. none				¹ Indicators of hydric soil and wetland hydrology must		
2.				be present, unless disturbed or problematic.		
		= Total Cove		Hydrophytic		
% Bare Ground in Herb Stratum 86 % Co	ver of Biotic	Crust		Vegetation Present? Yes No X		
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro			
predomince of hydrophytic vegetation. No ACOE vernal						

Profile Desc Depth	ription: (Describe to Matrix	the depth nee		ent the inded		confirm t	the absence of	indicators.)
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
(ITICITES)	Color (moist)		zoloi (moist)		туре .	LUC	Texture	
								_
							-	-
							_	
							-	
¹ Type: C=Co	ncentration, D=Depletion	RM=Reduced M	latrix CS=Covere	d or Coated	Sand Grains	s 2	l ocation: PI =Por	re Lining, RC=Root Channel, M=Matrix.
	Indicators: (Application					J.		for Problematic Hydric Soils ³ :
_		able to all Livin						•
Histoso				Redox (S5)				Muck (A9) (LRR C)
_	pipedon (A2)			Matrix (Se	,			Muck (A10) (LRR B)
	istic (A3)			Mucky Min	. ,			ed Vertic (F18)
	en Sulfide (A4)	• `		Gleyed Ma				arent Material (TF2)
	d Layers (A5) (LRR (خ)		d Matrix (F	,		Other (Explain in Remarks)
	uck (A9) (LRR D)	(* 4 4)		Dark Surfac	` '			
	d Below Dark Surfac	e (A11)		d Dark Sur			31 11 1	
	ark Surface (A12)		Depression	s (F8)			of hydrophytic vegetation and	
	Mucky Mineral (S1)	Vernal F	Pools (F9)				hydrology must be present,	
Sandy 0	Gleyed Matrix (S4)						unless	disturbed or problematic.
Restrictive	Layer (if present):							
Type:								
Depth (inc	hes):						Hydric Soil Pre	esent? Yes No X
							t the hydrophyt	ic vegetation standard to be considered a
welland. The	erefore, no soil pit wa	s dug and nydri	c soils are not c	onsidered i	to be prese	ent.		
HYDROLOG	rv.							
	/drology Indicators:						Soc	condary Indicators (2 or more required)
-			ank all that appl)				
	cators (minimum of o	one requirea; cn		,				Water Marks (B1) (Riverine)
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)
Saturati	on (A3)		Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)			Dry-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	Thin Muck Surface (C7)
	posits (B3) (Nonrive	•		of Reduce	_			Crayfish Burrows (C8)
	Soil Cracks (B6)			on Reduct	-			Saturation Visible on Aerial Imagery (C9)
						u Solis (C		
	ion Visible on Aerial I	magery (B7)		k Surface				Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	oplain in Re	emarks)			FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		es No	X Depth (inc	hes)·				
Water Table			Depth (inc			_		
Saturation P			Depth (inc			_ ı	and Hydrology	Present? Vos V No
(includes cap		es NO.	Deptil (inc	nes)		_ wella	and Hydrology	Present? Yes X No
,	orded Data (stream o	nauge monitorin	ng well aerial n	notos prev	ioue inena	ctions) if	available: n/a	
Describe Nec	orded Data (Stream (gauge, monitorii	ig well, aeriai pi	iolos, prev	ious irispe	cuoris), ii d	avaliable. 11/a	
Remarks: Alt	hough no surface wa	ter was procent	at the time of the	ne delinacti	ion eviden	nce of curf	face soil cracks	indicate that the area ponds water and
	and hydrology. Wate							mulcate that the area polius water and
Sapporto wett	ii, ai ology. vvale	iovoi ailu	- Saturation are I	.5. 14104411	a oon pi		g.	

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA Sampling Date: March 4, 2018			
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 37			
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W			
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave Slope (%): 0-2			
Subregion (LRR): LRR-C	Lat: :	32.55829		Long: -117.01858 Datum: NAD83			
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: None			
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	XNo	o(If no, explain in Remarks.)			
Are Vegetation X, Soil , or Hydrology _	signifi	cantly disturb	ed? Yes	Are "Normal Circumstances" present? Yes X No			
Are Vegetation, Soil, or Hydrology	natura	ally problema	tic? Yes ((If needed, explain any answers in Remarks.)			
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poi	nt locations	s, transects, important features, etc.			
Hydrophytic Vegetation Present? Yes	No X						
Hydric Soil Present? Yes	No X		he Sampled <i>i</i> nin a Wetland	Yes No X			
Wetland Hydrology Present? Yes X	No	_ ****	iiii a vvetiaiii	4:			
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and does not meet the wetland criteria. VEGETATION – Use scientific names of plants.							
	Absolute	Dominant	Indicator	Dominance Test worksheet:			
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species			
1. <u>none</u> 2.				That Are OBL, FACW, or FAC: 0 (A)			
3				Total Number of Dominant Species Across All Strata: 2 (B)			
4.				Percent of Dominant Species			
		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)			
Sapling/Shrub Stratum (Plot size:)							
1. none				Prevalence Index worksheet:			
2				Total % Cover of: Multiply by:			
3				OBL species1 x 1 =1			
4				FACW species 1 x 2 = 2			
5				FAC species 0 x 3 = 0			
Herb Stratum (Plot size:)		= Total Cove	er	FACU species 10 x 4 = 40 UPL species 7 x 5 = 35			
1. Chrysanthemum coronarium	7	Y	UPL	Column Totals: 19 (A) 78 (B)			
Lythrum hyssopifolia		N	OBL	(b)			
3. Hordeum murinum	10	<u> </u>	FACU	Prevalence Index = B/A = 4.1			
4. Spergularia bocconi	1	N	FACW	Hydrophytic Vegetation Indicators:			
5.				Dominance Test is >50%			
6.				Prevalence Index is ≤3.0¹			
7.				Morphological Adaptations ¹ (Provide supporting			
8.				data in Remarks or on a separate sheet)			
	19	= Total Cov	/er	Problematic Hydrophytic Vegetation¹ (Explain)			
Woody Vine Stratum (Plot size:)							
1. <u>none</u> 2.				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.			
	ver of Biotic	= Total Cove	er	Hydrophytic Vegetation Present? Yes No x			
Remarks: Sample area is a vernal pool that receives ru			ما الموما بداعت				
predomince of hydrophytic vegetation. No ACOE vernal							

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Featu	ıres						
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textur	<u>e</u>	Re	marks	
							_				
	· 				· —— -		_				
							_				
							_				
					· —— -		_				
							_				
	ncentration, D=Depletion					S. ²	Location: PL=				Χ.
-	I Indicators: (Applica	ble to all LR	•		•				lematic Hyd	dric Soils ³ :	
Histoso				Redox (S5)				n Muck (A9)			
_	Histic Epipedon (A2)			d Matrix (S	,			n Muck (A10			
	Black Histic (A3)			Mucky Min				luced Vertic I Parent Mat			
	en Sulfide (A4) ed Layers (A5) (LRR C	1		Gleyed Ma d Matrix (F					n Remarks)		
l ——	luck (A9) (LRR D))		Dark Surfa				ei (Expiaii i	ii iteiliaiks)		
	ed Below Dark Surface	e (A11)		d Dark Su	, ,						
	ark Surface (A12)		Depression	, ,		3Indicato	ors of hydro	ohytic vegeta	ation and		
Sandy Mucky Mineral (S1)				Pools (F9)	, ,				gy must be p		
Sandy	Gleyed Matrix (S4)						unle	ss disturbed	or problema	atic.	
Restrictive	Layer (if present):										
Type:											
Depth (inc	ches).		_				Hydric Soil	Present?	Yes	No	X
	he sampled area sup		_				-				
HYDROLO											
	ydrology Indicators:						3		Indicators (equired)
	licators (minimum of o	ne required; c							arks (B1) (R	· ·	
	e Water (A1)		Salt Crus				_	Sediment Deposits (B2) (Riverine)			
	/ater Table (A2)		X Biotic Cru	, ,			_	Drift Deposits (B3) (Riverine)			
	tion (A3)		X Aquatic I		. ,		_	Drainage Patterns (B10)			
	Marks (B1) (Nonriveri			n Sulfide C			- (20)	Dry-Season Water Table (C2)			
	ent Deposits (B2) (Nor	-			eres along		ots (C3) _		ck Surface (0		
	eposits (B3) (Nonriver	ine)			ed Iron (C4	•	_		Burrows (C8		(00)
	e Soil Cracks (B6)	(5.7)			tion in Tilled	d Solls (C			on Visible on	_	jery (C9)
	tion Visible on Aerial II	magery (B7)		k Surface	` '		_		Aquitard (D3	•	
vvater-	Stained Leaves (B9)		Other (E	xplain in R	emarks)		_	FAC-Ne	utral Test (D	5)	
Field Obser	rvations:										
Surface Wa			Depth (inc			_					
Water Table			Depth (inc								
Saturation F		es No	Depth (inc	hes):		Wetla	and Hydrolo	gy Present	? Yes_	X No	
F	pillary fringe)							,			
Describe Red	corded Data (stream g	auge, monitoi	ring well, aerial ph	notos, prev	ious inspe	ctions), if	available: n	/a			
Remarks: Al	though no surface wat	er was prese	nt at the time of th	ne delineat	tion the po	ol did reta	ain water ove	er the rainy s	season and f	airy shrimp	survevs
	ted within this pool. Th										
	ology. Water table leve						-	•			
LIC Army Cou	ne of Engineers								Arid \A/	act _ Varcio	m 2 0

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: March 4, 2018			
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 38			
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W			
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2			
Subregion (LRR): LRR-C	Lat: 3	32.55837		Long: -117.01856 Datum: NAD83			
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None			
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in Remarks.)			
Are Vegetation X, Soil , or Hydrology							
				(If needed, explain any answers in Remarks.)			
SUMMARY OF FINDINGS – Attach site map sh							
Hydrophytic Vegetation Present? Yes	No X	_	Camanlad	A			
Hydric Soil Present? Yes	No X	is u	ne Sampled . nin a Wetland	YAS NO X			
Wetland Hydrology Present? Yes X	No	_ """	iii a rrouaii	.			
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and does not meet the wetland criteria. VEGETATION – Use scientific names of plants.							
	Absolute	Dominant	Indicator	Dominance Test worksheet:			
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species			
				That Are OBL, FACW, or FAC: 0 (A)			
3				Total Number of Dominant Species Across All Strata: 2 (B)			
				Percent of Dominant Species			
4.		= Total Cove		That Are OBL, FACW, or FAC: 0 (A/B)			
Sapling/Shrub Stratum (Plot size:)							
1. none				Prevalence Index worksheet:			
2.				Total % Cover of: Multiply by:			
3				OBL species 0 x 1 = 0			
4				FACW species 3 x 2 = 6			
5				FAC species 0 x 3 = 0			
		= Total Cove	er	FACU species 12 x 4 = 48			
Herb Stratum (Plot size:)	0	V	EAGU	UPL species 3 x 5 = 15			
1. Mesembryanthemum nodiflorum	6	Y	FACU	Column Totals:18 (A)69(B)			
Salsola tragus Chrysanthemum coronarium	$\frac{1}{3}$	N	FACU_ UPL	Prevalence Index = B/A = 3.8			
4. Hordeum murinum	5	Y	FACU	Hydrophytic Vegetation Indicators:			
5. Spergularia bocconi	3	N	FACW	Dominance Test is >50%			
6				Prevalence Index is ≤3.0¹			
7.				Morphological Adaptations ¹ (Provide supporting			
8.				data in Remarks or on a separate sheet)			
	18	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)			
Woody Vine Stratum (Plot size:)							
1. none				¹ Indicators of hydric soil and wetland hydrology must			
2.				be present, unless disturbed or problematic.			
		= Total Cove	er	Hydrophytic Vegetation			
	ver of Biotic			Present? Yes No X			
Remarks: Sample area is a vernal pool that receives rupredomince of hydrophytic vegetation. No ACOE vernal							

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Featu	ıres							
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textur	<u>e</u>	Re	marks		
							_					
	· 				· —— -		_					
							_					
							_					
					· —— -		_					
							_					
	ncentration, D=Depletion					S. ²	Location: PL=				Χ.	
-	I Indicators: (Applica	ble to all LR	•		•				lematic Hyd	dric Soils ³ :		
Histoso				Redox (S5)				n Muck (A9)				
_	Epipedon (A2)			d Matrix (S	,			n Muck (A10				
	listic (A3)			Mucky Min				luced Vertic I Parent Mat				
	en Sulfide (A4) ed Layers (A5) (LRR C	1		Gleyed Ma d Matrix (F					n Remarks)			
l ——	luck (A9) (LRR D))		Dark Surfa				ei (Expiaii i	ii iteiliaiks)			
	ed Below Dark Surface	e (A11)		d Dark Su	, ,							
	ark Surface (A12)	,		Depression	, ,		3Indicato	ors of hydro	ohytic vegeta	ation and		
_ 	Mucky Mineral (S1)			Pools (F9)	, ,				gy must be p			
Sandy	Gleyed Matrix (S4)						unle	ss disturbed	or problema	atic.		
Restrictive	Layer (if present):											
Type:												
Depth (inc	ches).		_				Hydric Soil	Present?	Yes	No	X	
	he sampled area sup		_				-					
HYDROLO												
	ydrology Indicators:						3		Indicators (equired)	
	licators (minimum of o	ne required; c							arks (B1) (R	· ·		
	e Water (A1)		Salt Crus				_		nt Deposits (I		ie)	
	/ater Table (A2)		X Biotic Cru	, ,			_		oosits (B3) (F			
	tion (A3)		X Aquatic I		. ,		_	Drainage Patterns (B10)				
	Marks (B1) (Nonriveri			n Sulfide C			- (20)	Dry-Season Water Table (C2)				
	ent Deposits (B2) (Nor	-			eres along		ots (C3) _		ck Surface (0			
	eposits (B3) (Nonriver	ine)			ed Iron (C4	•	_		Burrows (C8		(00)	
	e Soil Cracks (B6)	(5.7)			tion in Tilled	d Solls (C			on Visible on	_	jery (C9)	
	tion Visible on Aerial II	magery (B7)		k Surface	` '		_		Aquitard (D3	•		
vvater-	Stained Leaves (B9)		Other (E	xplain in R	emarks)		_	FAC-Ne	utral Test (D	5)		
Field Obser	rvations:											
Surface Wa			Depth (inc			_						
Water Table			Depth (inc									
Saturation F		es No	Depth (inc	hes):		Wetla	and Hydrolo	gy Present	? Yes_	X No		
F	pillary fringe)							,				
Describe Red	corded Data (stream g	auge, monitoi	ring well, aerial ph	notos, prev	ious inspe	ctions), if	available: n	/a				
Remarks: Al	though no surface wat	er was prese	nt at the time of th	ne delineat	tion the po	ol did reta	ain water ove	er the rainy s	season and f	airy shrimp	survevs	
	ted within this pool. Th											
	ology. Water table leve						-	•				
LIC Army Cou	ne of Engineers								Arid \A/	act _ Varcio	m 2 0	

US Army Corps of Engineers

Project/Site: Southwest Village Specific Plan	fillage Specific Plan City/County: San Diego, CA Sampling Date: March 4, 2018							
plicant/Owner: Pardee Homes State: CA Sampling Point: 39								
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W				
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2				
Subregion (LRR): LRR-C	Lat: 3	32.55842		Long: -117.01859 Datum: NAD83				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None				
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)				
Are Vegetation X, Soil , or Hydrology								
				(If needed, explain any answers in Remarks.)				
SUMMARY OF FINDINGS – Attach site map sl								
Hydrophytic Vegetation Present? Yes	No X		0	A				
Hydric Soil Present? Yes	No X	is u	ne Sampled . nin a Wetland	YAS NO X				
Wetland Hydrology Present? Yes X	No	_ """	iii a vvotiaii	u.				
does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed dde to	past land use	es. This feature was sampled during the growing season and				
	Absolute	Dominant	Indicator	Dominance Test worksheet:				
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species				
				That Are OBL, FACW, or FAC: 0 (A)				
3				Total Number of Dominant Species Across All Strata: 1 (B)				
				Percent of Dominant Species				
4.		= Total Cove		That Are OBL, FACW, or FAC: 0 (A/B)				
Sapling/Shrub Stratum (Plot size:)								
1. none				Prevalence Index worksheet:				
2.				Total % Cover of: Multiply by:				
3				OBL species 0 x 1 = 0				
4				FACW species1 x 2 =2				
5				FAC species 0 x 3 = 0				
		= Total Cove	er	FACU species 23 x 4 = 92				
Herb Stratum (Plot size:)	00	V	EAGU	UPL species 1 x 5 = 5				
1. Hordeum murinum		Y	FACU	Column Totals:25				
Salsola tragus Bromus madritensis	1	N	FACU_ UPL	Prevalence Index = B/A = 3.9				
4. Spergularia bocconi		N	FACW	Hydrophytic Vegetation Indicators:				
5. Erodium botrys	1	N	FACU	Dominance Test is >50%				
6				Prevalence Index is ≤3.0¹				
7.				Morphological Adaptations ¹ (Provide supporting				
8.				data in Remarks or on a separate sheet)				
	25	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)				
Woody Vine Stratum (Plot size:)								
1none				¹ Indicators of hydric soil and wetland hydrology must				
2.				be present, unless disturbed or problematic.				
		= Total Cove	er	Hydrophytic Vegetation				
	ver of Biotic			Present? Yes No X				
Remarks: Sample area is a vernal pool that receives rupredomince of hydrophytic vegetation. No ACOE verna								

Profile Desc Depth	ription: (Describe to Matrix	the depth nee		ent the inc		confirm	the absence	e of indic	cators.)
(inches)	Color (moist)	——————————————————————————————————————	Color (moist)	%	Type ¹	Loc ²	— Textui	ro	Remarks
(inches)	Color (moist)		color (moist)		Type	LOC-	rexiui	<u>re</u> _	Remarks
							_		
							_		
							_		
¹ Type: C=Coi	ncentration, D=Depletion	n, RM=Reduced M	latrix, CS=Covere	d or Coated	Sand Grain	ıs.	² Location: PL=	Pore Linir	ng, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Application	able to all LRR	s, unless other	wise note	d.)		Indicate	ors for P	roblematic Hydric Soils ³ :
Histoso				Redox (S5)			1 cr	m Muck (A9) (LRR C)
	pipedon (A2)			d Matrix (S					A10) (LRR B)
_	istic (A3)			Mucky Min	,				rtic (F18)
				-					` ,
	en Sulfide (A4)	• `		Gleyed Ma					Material (TF2)
	d Layers (A5) (LRR (ه)		d Matrix (F	,		Oth	ier (Expia	in in Remarks)
	uck (A9) (LRR D)			Dark Surfa	, ,				
	d Below Dark Surfac	e (A11)		d Dark Su			0		
	ark Surface (A12)			Depressior	ıs (F8)			-	drophytic vegetation and
	Mucky Mineral (S1)		Vernal F	Pools (F9)			wetla	and hydro	ology must be present,
Sandy 0	Gleyed Matrix (S4)						unle	ss disturl	bed or problematic.
Restrictive	Layer (if present):								
_	Layor (procenty.								
Type:									
Depth (inc	hes):						Hydric Soil	l Present	? Yes No X
Remarks: T	he sampled area sup	ports a predomi	nance of upland	d vegetatio	n and doe	s not me	et the hydrop	hvtic ved	etation standard to be considered a
	erefore, no soil pit wa						, ,	, ,	•
	,	,							
HYDROLOG	GY								
Wetland Hy	drology Indicators:						;	Seconda	ary Indicators (2 or more required)
_	icators (minimum of o		eck all that anni	v)			•		r Marks (B1) (Riverine)
	,	nic required, em		,,					, , , ,
	Water (A1)		Salt Crus				-		nent Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ust (B12)			_	Drift [Deposits (B3) (Riverine)
Saturat	ion (A3)		X Aquatic I	nvertebrat	es (B13)		_	Drain	age Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide C	odor (C1)			Dry-S	Season Water Table (C2)
	nt Deposits (B2) (No	-			eres along	Livina Ro	oots (C3)		Muck Surface (C7)
	posits (B3) (Nonrive	-			ed Iron (C		_		fish Burrows (C8)
		· · · · C /				-	- -		
	Soil Cracks (B6)				tion in Tille	d Solls (C	[–]		ration Visible on Aerial Imagery (C9)
lnundat	ion Visible on Aerial I	magery (B7)	Thin Muc	k Surface	(C7)		_	Shall	ow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	kplain in R	emarks)		_	FAC-	Neutral Test (D5)
Field Ober	vations:								
Field Obser			V D- " "	I \					
Surface Wat		es No_							
Water Table	Present? Y	es No	Depth (inc	hes):		_			
Saturation P	resent? Y	es No	Depth (inc	hes):		Wetl	land Hydrolo	ogy Pres	ent? Yes X No
(includes cap	oillary fringe)								
Describe Rec	orded Data (stream o	gauge, monitorir	ng well, aerial ph	notos, prev	ious inspe	ctions), if	f available: n	/a	
		-				•			
Remarks: Alt	hough no surface wa	ter was present	at the time of the	ne delineat	ion, the po	ool did ret	tain water ove	er the rair	ny season and fairy shrimp surveys
							f San Diego fa	airy shrim	np indicate that the area supports
wetland hydro	ology. Water table lev	el and saturatio	n are not knowr	n as a soil _l	pit was not	t dug.			

Project/Site: Southwest Village Specific Plan	thwest Village Specific Plan City/County: San Diego, CA Sampling Date: March 4, 2018								
Applicant/Owner: Pardee Homes State: CA Sampling Point: 40									
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S F	R01W				
Landform (hillslope, terrace, etc.): mesa top		 Local rel	lief (concave,	convex, none): concave	Slope (%): 0)-2			
Subregion (LRR): LRR-C	Lat: 3	 32.55818	•	Long: -117.01861	Datum: NAD8	 3			
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification	on: None				
Are climatic / hydrologic conditions on the site typical for		vear? Yes	X No						
Are Vegetation X, Soil , or Hydrology			·			No			
Are Vegetation, Soil, or Hydrology									
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poi	nt locations	s, transects, importan	t features, etc.				
Hydrophytic Vegetation Present? Yes	No X								
	No X	15 11	ne Sampled	YAC	No X				
Wetland Hydrology Present? Yes X	No	— witr	nin a Wetlan	a? —					
Remarks: The majority of the vegetation on the site ha	as been distu	urbed due to	past land use	s This feature was sample	ed during the growing sea	son and			
does not meet the wetland criteria.	to boot alote	andou duo to	paoriana acc	o. The locator was sample	sa dailing the growing coa	con and			
VEGETATION – Use scientific names of plants									
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works					
1. none	<u> 70 COVEI</u>	_opecies:	Status	Number of Dominant Sp That Are OBL, FACW, of		(A)			
2.				Total Number of Domina		_(^)			
3				Species Across All Strat		(B)			
4.				Percent of Dominant Sp					
T		= Total Cove	er	That Are OBL, FACW, o	or FAC: 0%	_(A/B)			
Sapling/Shrub Stratum (Plot size:)									
1. none				Prevalence Index work	ksheet:				
2.				Total % Cover of:	Multiply by:	_			
3.				OBL species	x 1 =	_			
4.				FACW species	x 2 =	_			
5				FAC species					
		= Total Cove	er	FACU species	x 4 =	-			
Herb Stratum (Plot size:)				UPL species	x 5 =	-			
1. Erodium botrys	1	N	FACU	Column Totals:	(A)	_(B)			
2. Spergularia bocconi	2	N	FACW	Prevalence Inde	x = B/A =				
3. Hordeum murinum	1	N	FACU						
4				Hydrophytic Vegetatio					
5				X Dominance Test i	.s >50%				
6				Prevalence Index					
7					aptations¹ (Provide suppo ks or on a separate sheet)				
8					•	´			
Mandy Vine Stratum (Diet size)	4	= Total Cov	/er	Problematic Hydro	ophytic Vegetation ¹ (Expla	ain)			
Woody Vine Stratum (Plot size:)				11 malia atawa af budwia aa	:				
1. none				be present, unless dist	il and wetland hydrology n urbed or problematic.	nust			
2				, ,	1				
		= Total Cove	er	Hydrophytic Vegetation					
% Bare Ground in Herb Stratum 96 % Co	ver of Biotic	Crust		, ,	es No X				
Remarks: Sample area is a vernal pool that receives ru	inoff from a	relatively sma	all local micro	 -watershed, Sampled duri	ng the growing season by	_ lt			
vegetation cover insufficient (less than 5%) to be consid	lered hydrop	hytic. No AC							
it does support vernal pool fuana indicator species (San	Diego fairy	shrimp).							

Profile Desc Depth	ription: (Describe to Matrix	the depth nee		ent the inc		confirm t	the absence of	f indicators.)
(inches)	Color (moist)	 % (Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
(ITICITES)	Color (moist)		Soloi (moist)		туре .	LOC	Texture	- Itemans
							-	-
							_	
							_	
¹ Type: C=Co	ncentration, D=Depletion	RM=Reduced M	Matrix CS=Covere	d or Coated	Sand Grains	s 2	l ocation: PI =Po	re Lining, RC=Root Channel, M=Matrix.
	Indicators: (Applica					<u>. </u>		for Problematic Hydric Soils ³ :
Histoso		abio to all 21111		Redox (S5)				Muck (A9) (LRR C)
_	pipedon (A2)			l Matrix (S6				Muck (A10) (LRR B)
	istic (A3)			Mucky Min	•			ed Vertic (F18)
	en Sulfide (A4)			-	. ,			arent Material (TF2)
	` '	•\		Gleyed Ma [.] d Matrix (F				(Explain in Remarks)
	d Layers (A5) (LRR (•)		u Matrix (F Dark Surfac	,		Other ((Explain in Remarks)
	uck (A9) (LRR D)	o (A11)			` ,			
	d Below Dark Surface	e (ATT)		d Dark Sur	. ,		31	af hardwards dia arabatian and
	ark Surface (A12)			Depression	S (FO)			of hydrophytic vegetation and
l —	Mucky Mineral (S1)		vernai i	Pools (F9)				d hydrology must be present,
Sandy C	Gleyed Matrix (S4)						uniess	disturbed or problematic.
Restrictive	Layer (if present):							
Type:								
Depth (inc	hes):						Hydric Soil Pr	resent? Yes No X
				tne nyarop	nytic vege	tation star	ndard to be con	sidered a wetland. Therefore, no soil pit
was dug and	I hydric soils are not o	considered to be	e present.					
HYDROLOG	2V							
	/drology Indicators:						Soci	condary Indicators (2 or more required)
	icators (minimum of c		ock all that appl	v)			<u>560</u>	Water Marks (B1) (Riverine)
		nie required, cr		,				, , , , , , , , , , , , , , , , , , , ,
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
	ater Table (A2)		Biotic Cru					Drift Deposits (B3) (Riverine)
Saturati	ion (A3)		X Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)			Dry-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	Thin Muck Surface (C7)
Drift De	posits (B3) (Nonrive	rine)	Presence	of Reduce	ed Iron (C4	1)		Crayfish Burrows (C8)
l —	Soil Cracks (B6)	•		on Reduct	•	•		Saturation Visible on Aerial Imagery (C9)
	ion Visible on Aerial I	magery (R7)		k Surface			·	Shallow Aquitard (D3)
	Stained Leaves (B9)	magery (br)		cplain in Re				FAC-Neutral Test (D5)
water-c	blained Leaves (D9)		Other (E)	Cpiairi iri iX	ziliaiks)			TAC-Neutral Test (D3)
Field Obser	vations:							
Surface Wat	er Present? Y	es No	X Depth (inc	hes):				
Water Table	Present? Y	es No	 Depth (inc	hes):		_		
Saturation P			Depth (inc			_	and Hydrology	Present? Yes X No
(includes car				,-		— · · · · · ·	,	
,	orded Data (stream o	auge, monitorii	ng well. aerial ph	notos, prev	ious inspe	ctions). if	available: n/a	
	(, , , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, p.	, [3]		- /,		
Remarks: Alt	hough no surface wa	iter was present	at the time of th	ne delineati	ion, eviden	ice of surf	face soil cracks	and the presence of San Diego fairy
								not known as a soil pit was not dug.
		·						
I								

Project/Site: Southwest Village Specific Plan	est Village Specific Plan City/County: San Diego, CA Sampling Date: March 4, 2018									
Applicant/Owner: Pardee Homes State: CA Sampling Point: 41										
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S I	R01W					
Landform (hillslope, terrace, etc.): mesa top		 Local rel	ief (concave,	convex, none): concave	Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat: 3	 32.55816	•	Long: -117.01862	Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification	on: None					
Are climatic / hydrologic conditions on the site typical for		year? Yes	X No	(If no, explain in	Remarks.)					
Are Vegetation X, Soil , or Hydrology										
Are Vegetation, Soil, or Hydrology										
SUMMARY OF FINDINGS – Attach site map sh	nowing sai	mpling poli	nt locations	s, transects, importan	t reatures, etc.					
Hydrophytic Vegetation Present? Yes	No X									
	No X	15 ti	ne Sampled . nin a Wetland	VΔC	NoX					
Wetland Hydrology Present? Yes X	No		iii a vvetiaii	u:						
Remarks: The majority of the vegetation on the site ha	as been disti	urbed due to i	past land use	es. This feature was sampl	ed during the growing season and					
does not meet the wetland criteria.				•	5 5 5					
VEGETATION – Use scientific names of plants		.	1 12 4	Damilia Tarata	-b4					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works						
1. none				Number of Dominant Sp That Are OBL, FACW, of						
2.				Total Number of Domina	. ,					
3.				Species Across All Strat	U (D)					
4.				Percent of Dominant Sp						
		= Total Cove	er	That Are OBL, FACW, o	or FAC:0_(A/B)					
Sapling/Shrub Stratum (Plot size:)										
1. none				Prevalence Index worl						
2				Total % Cover of:	Multiply by:					
3				OBL species	x 1 =					
4				FACW species						
5				FAC species FACU species						
Herb Stratum (Plot size:)		= Total Cove	er	FACU species UPL species	x 4 = x 5 =					
1. Spergularia bocconi	1	N	FACW	Column Totals:	(A) (B)					
2					(2)					
3				Prevalence Inde	ex = B/A =					
				Hydrophytic Vegetation	on Indicators:					
5.				Dominance Test						
6.				Prevalence Index	(is ≤3.0¹					
7.				Morphological Ad	laptations¹ (Provide supporting					
8.					ks or on a separate sheet)					
	1	= Total Cov	/er	Problematic Hydr	ophytic Vegetation¹ (Explain)					
Woody Vine Stratum (Plot size:)										
1. <u>none</u>					il and wetland hydrology must					
2				be present, unless dist	urbed or problematic.					
		= Total Cove	er	Hydrophytic						
% Bare Ground in Herb Stratum 99 % Co	ver of Biotic	Cruct		Vegetation Yesent? Yes	es No X					
			// // 							
Remarks: Sampled during the growing season, but veg indicator species were present within the basin, but it do										
The process with the busin, but it do	. 22 Support	a. poor lu	III III III III III III III III I	sees (our brogo fully	-·····r/·					

Profile Desc Depth	ription: (Describe to Matrix	the depth nee		ent the inded		confirm t	the absence of	f indicators.)
(inches)	Color (moist)	<u></u> % (Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
(11101109)	(IIIOISI)		Joiot (ITIOISL)		ype	LUC	_ Texture	
							_	
¹ Type: C=Coi	ncentration, D=Depletion	RM=Reduced M	Matrix CS=Covere	d or Coated	Sand Grains	s 2	l ocation: PI =Po	re Lining, RC=Root Channel, M=Matrix.
	Indicators: (Applica					<u>. </u>		for Problematic Hydric Soils ³ :
Histoso				Redox (S5)				Muck (A9) (LRR C)
_	pipedon (A2)			d Matrix (Se				Muck (A10) (LRR B)
	istic (A3)			Mucky Min	•			ed Vertic (F18)
	en Sulfide (A4)			Gleyed Ma	. ,			arent Material (TF2)
	d Layers (A5) (LRR (•\		d Matrix (F				(Explain in Remarks)
	• • • • • • • • • • • • • • • • • • • •	•)		u Matrix (F Dark Surfac	,		Other ((Explain in Remarks)
	uck (A9) (LRR D)	- (044)			` ,			
	d Below Dark Surface	e (A11)		d Dark Sur	. ,		31	af hardwards dia arabatian and
	ark Surface (A12)			Depression	S (F8)			of hydrophytic vegetation and
l —	Mucky Mineral (S1)		vernai i	Pools (F9)				hydrology must be present,
Sandy 0	Gleyed Matrix (S4)						uniess	disturbed or problematic.
Restrictive	Layer (if present):							
Type:								
Depth (inc	hes):						Hydric Soil Pr	esent? Yes No X
				the hydrop	hytic vege	tation star	ndard to be con	sidered a wetland. Therefore, no soil pit
was dug and	I hydric soils are not o	considered to be	e present.					
HYDROLOG	2V							
	/drology Indicators:						900	condary Indicators (2 or more required)
	icators (minimum of c		ook all that appl	· /\			<u>3et</u>	
	,	nie required, cr		,,				Water Marks (B1) (Riverine)
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ust (B12)				Drift Deposits (B3) (Riverine)
Saturati	on (A3)		X Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)			Dry-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	Thin Muck Surface (C7)
	posits (B3) (Nonrive	•		of Reduce	_	_		Crayfish Burrows (C8)
l —	Soil Cracks (B6)			on Reduct	,	•		Saturation Visible on Aerial Imagery (C9)
						u Solis (C		•
	ion Visible on Aerial I	magery (B7)		k Surface				Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	kplain in Re	emarks)			FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat	er Present? Y	es No	X Depth (inc	hes):				
Water Table			 Depth (inc			_		
Saturation P			Depth (inc			_	and Hydrology	Present? Yes X No
(includes cap		es NO	Deptil (illic			_ vena	and Hydrology	res
,	orded Data (stream o	auge monitori	ng well aerial ph	notos prev	ious inene	ctions) if	available: n/a	
Describe Nec	orded Data (Stream g	gauge, monitorii	ig well, aeriai pi	iolos, piev	ious irispe	cuoris), ii	avallable. 11/a	
Remarks: Alt	hough no surface wa	ter was present	t at the time of th	ne delinesti	ion eviden	nce of surf	face soil cracks	and the presence of San Diego fairy
								not known as a soil pit was not dug.
lpidiod	a. sa porta		,	, gj. '				p.c. nas not dag.
Ī								

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 42
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: <u>3</u>	32.55809		Long: -117.01860 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	XNo	o(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ed? Yes	Are "Normal Circumstances" present? YesX_ No
Are Vegetation, Soil, or Hydrology	natura	ally problema	tic? Yes ((If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	owing sa	mpling poi	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			_
Hydric Soil Present? Yes	No X		he Sampled <i>i</i> nin a Wetland	Yes No X
Wetland Hydrology Present? Yes X	No	_ ₩1	iiii a vvetiain	A:
Remarks: The majority of the vegetation on the site hadoes not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sampled during the growing season and
	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1. <u>none</u> 2.				That Are OBL, FACW, or FAC: 0 (A)
3				Total Number of Dominant Species Across All Strata: 1 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species 0 x 1 = 0
4				FACW species 1 x 2 = 2
5				FAC species 0 x 3 = 0
Llorb Stratum (Dietaize		= Total Cove	er	FACU species
Herb Stratum (Plot size:)	15	Υ	FACU	UPL species 0 x 5 = 0 Column Totals: 18 (A) 70 (B)
Mesembryanthemum nodiflorum	1	N	FACU	Column Totals(B)
Spergularia bocconi	1	N	FACW	Prevalence Index = B/A = 3.9
4. Erodium botrys	1	N	FACU	Hydrophytic Vegetation Indicators:
5.				Dominance Test is >50%
6.				Prevalence Index is ≤3.0¹
7.				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	18	= Total Cov	/er	Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				
1. <u>none</u> 2.				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic Vegetation
	ver of Biotic			Present? Yes No X
Remarks: Sample area is a vernal pool that receives ru predomince of hydrophytic vegetation. No ACOE vernal				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ıres			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
				<u></u>				
							-	
							-	
¹ Type: C=Co	ncentration, D=Depletion	RM=Reduced	d Matrix, CS=Covere	d or Coated	Sand Grains	s. ²	Location: PL=Poi	ore Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applica	ble to all LR	Rs, unless other	wise note	ed.)		Indicators	s for Problematic Hydric Soils ³ :
Histoso	I (A1)		Sandy F	Redox (S5))		1 cm N	Muck (A9) (LRR C)
	pipedon (A2)			l Matrix (S				Muck (A10) (LRR B)
	istic (A3)			Mucky Min	,			ced Vertic (F18)
	en Sulfide (A4)			Gleyed Ma				Parent Material (TF2)
	d Layers (A5) (LRR C)		d Matrix (F	. ,			(Explain in Remarks)
	uck (A9) (LRR D)	,		Dark Surfa	,			(=/p/a// // (=//p/a//)/ (=//p/a// (=//p/a//)/ (=//p/a//
	d Below Dark Surface	(A11)		d Dark Su	` '			
	ark Surface (A12)	, (, , , , ,		Depression	, ,		3Indicators	of hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)	10 (1 0)			d hydrology must be present.
	Gleyed Matrix (S4)			0010 (1 0)				disturbed or problematic.
							unic33	distarbed of problematic.
Restrictive	Layer (if present):							
Type:								
Depth (inc	hes):						Hydric Soil Pr	resent? Yes No X
Damanda, T	hlad						 	tic vegetation standard to be considered
	erefore, no soil pit was						t tile flydiopflyt	tic vegetation standard to be considered
wedand. The	orciore, no son pit was	dug and my	and sons are not o	Jilalacica	to be prese) I I C.		
HYDROLO	2V							
							0	
_	/drology Indicators:							condary Indicators (2 or more required
Primary Ind	icators (minimum of o	ne required;	check all that appl	y)				_Water Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)
Saturat	ion (A3)		X Aquatic I	nvertebrat	es (B13)			Drainage Patterns (B10)
Water N	Marks (B1) (Nonriveri	ne)	Hvdroger	n Sulfide C	Odor (C1)			Dry-Season Water Table (C2)
	ent Deposits (B2) (Nor	,			eres along	Livina Ro	ots (C3)	Thin Muck Surface (C7)
	posits (B3) (Nonriver	•		•	ed Iron (C4	_		Crayfish Burrows (C8)
		ilie)			-	•		
	Soil Cracks (B6)	(5-1)			tion in Tilled	a Solis (Ce		_Saturation Visible on Aerial Imagery (C9
	ion Visible on Aerial Ir	magery (B7)		k Surface	` '			_Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	oplain in R	emarks)			_FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		se N	lo X Depth (inc	hes).				
Water Table						-		
			lo Depth (inc					Durana 10 Van V Na
Saturation P		es N	lo Depth (inc	nes):		_ wetia	nd Hydrology	y Present? Yes X No
,	pillary fringe)	01100 mon!t-	ring wall assisted	noton nr-:	ilouo inon-	otions\ if :	avoilable: n/-	
Describe Rec	orded Data (stream g	auge, monito	oring well, aerial pr	iolos, prev	rious inspec	cuons), ii a	avaliable: n/a	
Domeste: All	barrah sa armeara '		ont at the attract - 50	ا المما	lon Here	al d!-l ::- t	in water some "	the minutes and fair their and
were conduct	nougn no surrace wat	erefore ovid	ent at the time of the	ie delineai	uon, ine po	oi did reta sence of s	ırı water över ti San Diego foin	the rainy season and fairy shrimp surveys y shrimp indicate that the area supports
	ology. Water table leve						Jan Diego iali y	y simmy mulcate that the area supports
Juana nyan								
					p	aag.		
					p	9.		

Project/Site: Southwest Village Specific Plan	west Village Specific Plan City/County: San Diego, CA Sampling Date: March 4, 2018								
plicant/Owner: Pardee Homes State: CA Sampling Point: 43									
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S F	R01W				
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave	Slope (%	6): 0 - 2			
Subregion (LRR): LRR-C	Lat: 3	32.55796		Long: -117.01857	Datum: N	AD83			
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification	on: None				
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in	Remarks.)				
Are Vegetation X, Soil , or Hydrology			·			K No			
Are Vegetation Soil , or Hydrology									
SUMMARY OF FINDINGS – Attach site map sh									
SOMMANT OF FINDINGS - Attach site map si			iit iocations	s, transects, importan	t leatures, etc.				
Hydrophytic Vegetation Present? Yes	_NoX	_ le #	ne Sampled	Δrea					
Hydric Soil Present? Yes			nin a Wetland	YAC	NoX				
Wetland Hydrology Present? Yes X	_No	_							
Remarks: The majority of the vegetation on the site had does not meet the wetland criteria.	ıs been distı	urbed due to	past land use	s. This feature was sample	ed during the growing	g season and			
does not meet the wetland chteria.									
VEGETATION – Use scientific names of plants	š.								
	Absolute	Dominant	Indicator	Dominance Test works	sheet:				
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Sp					
1. <u>none</u> 2.				That Are OBL, FACW, o		(A)			
3				Total Number of Domina Species Across All Strat		(B)			
				Percent of Dominant Sp		(B)			
4		= Total Cove		That Are OBL, FACW, o		(A/B)			
Sapling/Shrub Stratum (Plot size:)		10101 001	21						
1. none				Prevalence Index work	sheet:				
2.				Total % Cover of:	Multiply by	<u>/:</u>			
3.				OBL species	x 1 =				
4.				FACW species	x 2 =				
5				FAC species					
		= Total Cove	er	FACU species	<u> </u>				
Herb Stratum (Plot size:)				UPL species	x 5 =				
1. Lolium perenne	1	N	FAC	Column Totals:	(A)	(B)			
2. Hordeum murinum	1	N	FACU	Prevalence Inde	x = B/A =				
3. Spergularia bocconi	1	N	FACW	11 1 1 2 11 1 2					
4. Psilocarphus brevissimus	1	N	FACW	Hydrophytic Vegetatio					
5.				Dominance Test i					
6. 7.				Prevalence Index					
8.					aptations¹ (Provide si ks or on a separate s				
o	4	= Total Cov			ophytic Vegetation¹ (I	<i>'</i>			
Woody Vine Stratum (Plot size:		rotal oo	701	Froblematic riyun	opriyiic vegetalion (i				
1 none				¹ Indicators of hydric so	il and wetland hydrol	oav must			
2.				be present, unless dist					
		= Total Cove	er	Hydrophytic					
				Vegetation					
	ver of Biotic	-		Present? Ye		X			
Remarks: Sampled during the growing season, but veg		er insufficient	(less than 5%	6) to be considered hydrop	hytic. It does support	one vernal			
pool plant indicator species (Psilocarphus brevissimus).									

٧	P.	-43
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Depth	ription: (Describe t Matrix	o tne deptn i		nt tne ind dox Featu		confirm	tne absence o	of indicators	i.)	
(inches)	Color (moist)	 _	Color (moist)	%	Type ¹	Loc ²	– Texture		Remarks	;
<u>()</u>			()							
							_			
							_			
							_			
1- 0.0							2		D (0) 11	••••
	ncentration, D=Depletion					S.			=Root Channel, M	
-	Indicators: (Applic	able to all Li							matic Hydric S	olis":
Histosol	· ,			edox (S5)				Muck (A9) (L		
	pipedon (A2)			Matrix (S	,			Muck (A10) (
	istic (A3)		Loamy M	-				ced Vertic (F	,	
	en Sulfide (A4)			leyed Ma				Parent Materi		
	d Layers (A5) (LRR	C)		Matrix (F	,		Other	(Explain in F	Remarks)	
	uck (A9) (LRR D)			ark Surfac	, ,					
	d Below Dark Surfac	e (A11)		Dark Sur			21 11 4			
	ark Surface (A12)			epression	s (F8)				tic vegetation a	
	Mucky Mineral (S1)		Vernal Po	ools (F9)					must be presen	t,
Sandy (Gleyed Matrix (S4)						unless	disturbed of	problematic.	
Restrictive	Layer (if present):									
Type:										
Depth (inc	hes):						Hydric Soil P	resent?	Yes	No X
	he sampled area is ι						1			
was aug am	l hydric soils are not		. 20 р. 300							
HYDROLOG	GY									
Wetland Hy	drology Indicators	:					<u>Se</u>	condary Inc	dicators (2 or n	nore required)
Primary Ind	cators (minimum of	one required;	check all that apply	')				_Water Marl	ks (B1) (Riverin	e)
Surface	Water (A1)		Salt Crust	(B11)				Sediment [Deposits (B2) (R	liverine)
	ater Table (A2)		X Biotic Crus	, ,				_	its (B3) (Riveri	,
Saturat			Aquatic In	, ,	es (B13)			_	atterns (B10)	,
	//arks (B1) (Nonrive i	rine)	Hydrogen					_	n Water Table (C2)
	nt Deposits (B2) (No		Oxidized F		` '	Livina Da		_ ′	Surface (C7)	02)
		•			_			_		
	posits (B3) (Nonrive	rine)	Presence		`	,		_Crayfish Bu		(00)
	Soil Cracks (B6)	(0.7)	Recent Iro			a Solis (C		_	Visible on Aeria	i imagery (C9)
	ion Visible on Aerial	Imagery (B7)			-			_Shallow Ad		
Water-S	Stained Leaves (B9)		Other (Exp	olain in Re	emarks)			_FAC-Neutr	al Test (D5)	
Field Obser	vations:									
Surface Wat	er Present?	es 1	No X Depth (inch	es):						
Water Table			No Depth (inch			_				
Saturation P			No Depth (inch				and Hydrolog	y Present?	Yes X	No
(includes cap				· —				-		
Describe Rec	orded Data (stream	gauge, monit	oring well, aerial pho	otos, prev	ious inspe	ctions), if	available: n/a			
	hough no surface wa								crust indicate that	at the area
ponds water a	and supports wetland	d hydrology. V	Vater table level and	d saturatio	on are not	known as	a soil pit was	not dug.		

Project/Site: Southwest Village Specific Plan		City/Coun	ty: San Dieg	o, CA Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 44
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		 Local rel	ief (concave,	, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3		•	Long: -117.01862 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl				NWI classification: None
Are climatic / hydrologic conditions on the site typical for			X No	
				Are "Normal Circumstances" present? Yes X No
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes	No X	_	a Camania d	A
Hydric Soil Present? Yes	No X	I	ne Sampled . nin a Wetlan	YAS NO X
Wetland Hydrology Present? Yes X	No	_		
does not meet the wetland criteria. VEGETATION – Use scientific names of plants				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species
1. none				That Are OBL, FACW, or FAC:(A)
2				Total Number of Dominant Species Across All Strata: 2 (B)
4.				Percent of Dominant Species (B)
		= Total Cove	er	That Are OBL, FACW, or FAC:(A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species1 x 1 =1
4				FACW species 0 x 2 = 0
5				FAC species 20 x 3 = 60
		= Total Cove	er	FACU species 8 x 4 = 32
Herb Stratum (Plot size:)				UPL species 1 x 5 = 5
1. Lythrum hyssopifolia	1	N	OBL	Column Totals:30 (A)97(B)
2. Lolium perenne	8	Y	FAC	Prevalence Index = B/A = 3.23
Hordeum murinum Melilotus indicus	8	Y N	FACUUPL	Lindranh, tia Vanatatian Indiantara
				Hydrophytic Vegetation Indicators:
6				Dominance Test is >50% Prevalence Index is ≤3.0¹
7				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	30	= Total Cov	er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:				
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 70 % Co	ver of Biotic	Crust		Vegetation Present? Yes No X
Remarks: Sample area is a vernal pool that receives ru				
predomince of hydrophytic vegetation. No ACOE vernal	pool plant i	ndicator spec	ies were pres	sent within the basin.

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Featu	ıres							
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textur	<u>e</u>	Re	marks		
							_					
	· 				· —— -		_					
							_					
							_					
					· —— -		_					
							_					
	ncentration, D=Depletion					S. ²	Location: PL=				Χ.	
-	I Indicators: (Applica	ble to all LR	•		•				lematic Hyd	dric Soils ³ :		
Histoso				Redox (S5)				n Muck (A9)				
_	Epipedon (A2)			d Matrix (S	,			n Muck (A10				
	listic (A3)			Mucky Min				luced Vertic I Parent Mat				
	en Sulfide (A4) ed Layers (A5) (LRR C	1		Gleyed Ma d Matrix (F					n Remarks)			
l ——	luck (A9) (LRR D))		Dark Surfa				ei (Expiaii i	ii iteiliaiks)			
	ed Below Dark Surface	e (A11)		d Dark Su	, ,							
	ark Surface (A12)	,		Depression	, ,		3Indicato	ors of hydro	ohytic vegeta	ation and		
_ 	Mucky Mineral (S1)			Pools (F9)	, ,				gy must be p			
Sandy	Gleyed Matrix (S4)						unle	ss disturbed	or problema	atic.		
Restrictive	Layer (if present):											
Type:												
Depth (inc	ches).		_				Hydric Soil	Present?	Yes	No	X	
	he sampled area sup		_				-					
HYDROLO												
	ydrology Indicators:						3		Indicators (equired)	
	licators (minimum of o	ne required; c							arks (B1) (R	· ·		
	e Water (A1)		Salt Crus				_	Sediment Deposits (B2) (Riverine)				
	/ater Table (A2)		X Biotic Cru	, ,			_	Drift Deposits (B3) (Riverine)				
	tion (A3)		X Aquatic I		. ,		_	Drainage Patterns (B10)				
	Marks (B1) (Nonriveri			n Sulfide C			- (20)		son Water T			
	ent Deposits (B2) (Nor	-			eres along		ots (C3) _		ck Surface (0			
	eposits (B3) (Nonriver	ine)			ed Iron (C4	•	_		Burrows (C8		(00)	
	e Soil Cracks (B6)	(5.7)			tion in Tilled	d Solls (C			on Visible on	_	jery (C9)	
	tion Visible on Aerial II	magery (B7)		k Surface	` '		_		Aquitard (D3	•		
vvater-	Stained Leaves (B9)		Other (E	xplain in R	emarks)		_	FAC-Ne	utral Test (D	5)		
Field Obser	rvations:											
Surface Wa			Depth (inc			_						
Water Table			Depth (inc									
Saturation F		es No	Depth (inc	hes):		Wetla	and Hydrolo	gy Present	? Yes_	X No		
F	pillary fringe)							,				
Describe Red	corded Data (stream g	auge, monitoi	ring well, aerial ph	notos, prev	ious inspe	ctions), if	available: n	/a				
Remarks: Al	though no surface wat	er was prese	nt at the time of th	ne delineat	tion the po	ol did reta	ain water ove	er the rainy s	season and f	airy shrimp	survevs	
	ted within this pool. Th											
	ology. Water table leve						-	•				
LIC Army Cou	ne of Engineers								Arid \A/	act _ Varcio	m 2 0	

US Army Corps of Engineers

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA	Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes				State: CA	_Sampling Point: 45
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S F	R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55797		Long: -117.01864	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification	
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology			· ·		
Are Vegetation Soil or Hydrology					
SUMMARY OF FINDINGS – Attach site map sh					
Hydrophytic Vegetation Present? Yes X				· ·	<u> </u>
Hydric Soil Present? Yes X	_No	-	ne Sampled	YAC	X No
Wetland Hydrology Present? Yes X	 No	— with	nin a Wetlan	d?	
Remarks: The majority of the vegetation on the site had meets the wetland criteria.		urbed due to	past land use	es. This feature was sample	ed during the growing season and
VEGETATION – Use scientific names of plants	Absolute	Dominant	Indicator	Dominance Test works	shoot:
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Sp	
1. none				That Are OBL, FACW, o	
2				Total Number of Domina Species Across All Strat	to.
				Percent of Dominant Sp	(D)
4.		= Total Cove		That Are OBL, FACW, o	
Sapling/Shrub Stratum (Plot size:)		- Total Oov	J1		
1. none				Prevalence Index work	ksheet:
2.				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4.				FACW species	x 2 =
5.				FAC species	x 3 =
		= Total Cove	er	FACU species	x 4 =
Herb Stratum (Plot size:)				UPL species	x 5 =
1. Bromus hordeaceus	3	Y	FACU	Column Totals:	(A)(B)
2. Lolium perenne	2	<u>Y</u>	FAC	Prevalence Inde	ex = B/A =
3. Lythrum hyssopifolia	2	Y	OBL		
4				Hydrophytic Vegetatio	
5				X Dominance Test i	
6. 7.				Prevalence Index	
8.					laptations¹ (Provide supporting 'ks or on a separate sheet)
0	7	= Total Cov			ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:		rotal oo		i Toblematic Hydro	opriyuc vegetation (Explain)
1none				¹ Indicators of hydric so	oil and wetland hydrology must
2.				be present, unless dist	
	0	= Total Cove	er	Hydrophytic	
% Bare Ground in Herb Stratum93	ver of Biotic	Crust	0	Vegetation Present? Ye	esXNo
Remarks: This feature supports hydrophytic vegetation					nin the basin. The sample area
does support a vernal pool fuana indicator species (San	Diego fairy	shrimp). Lea	f litter is also	present.	

Redox Features

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth

Matrix

(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-6	10YR 3/2	95	10YR 4/4	5	С	М	clay	
	-		· ·		·			
6-18	10YR 4/3	100					clay	
	-						_	
							-	
				-			_	
-								
1 _{Type: 0-0-}	 oncentration, D=Depletio	n DM-Dad	and Matrix CS=Cava==	d or Costs-1	Sand Crain	. 2	l coation: DI =D	e Lining, RC=Root Channel, M=Matrix.
	il Indicators: (Applic					5.		for Problematic Hydric Soils ³ :
_		able to all						
Histoso	Epipedon (A2)			(S5) Redox Matrix	•			uck (A9) (LRR C) uck (A10) (LRR B)
	Histic (A3)			ианх (S ⁄lucky Min	,			ed Vertic (F18)
	gen Sulfide (A4)			Sleyed Ma				rent Material (TF2)
	ed Layers (A5) (LRR	C)		d Matrix (F				Explain in Remarks)
	fuck (A9) (LRR D)	-,	X Redox D	•	,			Explain in Normano,
	ed Below Dark Surfac	e (A11)			rface (F7)			
	Dark Surface (A12)	· ···/		epressior			3Indicators	of hydrophytic vegetation and
	Mucky Mineral (S1)			ools (F9)	()			hydrology must be present,
	Gleyed Matrix (S4)			(, 0)				listurbed or problematic.
								·
	Layer (if present):							
Type:	-1 V							
Depth (inc	cnes):						Hydric Soil Pre	esent? Yes X No No
Remarks: r	edox observed in top	6"						
11VBBC: 3	.0.							
HYDROLO								
	lydrology Indicators						· · · · · · · · · · · · · · · · · · ·	ondary Indicators (2 or more required)
Primary Inc	dicators (minimum of	one require	d; check all that apply	y)				Water Marks (B1) (Riverine)
Surface	e Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
High W	Vater Table (A2)		Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)
	tion (A3)		X Aquatic Ir		es (B13)			Drainage Patterns (B10)
	Marks (B1) (Nonrive	rine)	· Hydroger					Dry-Season Water Table (C2)
	ent Deposits (B2) (No				eres along	Livina Ro		Thin Muck Surface (C7)
	eposits (B3) (Nonrive	-			ed Iron (C	_	· · · —	Crayfish Burrows (C8)
	e Soil Cracks (B6)	·············			tion in Tille	,		Saturation Visible on Aerial Imagery (C9)
	ation Visible on Aerial	Imagen, (P				a cons (O		Shallow Aquitard (D3)
	Stained Leaves (B9)	iiiayeiy (D	Other (Ex		. ,			FAC-Neutral Test (D5)
water-	Gameu Leaves (B9)		Other (Ex	piaiii iii K	ciliaiKS)			i AO-ineuliai Test (D3)
Field Obse	rvations:							
Surface Wa	iter Present?	/es	No X Depth (incl	nes):		_		
Water Table	e Present?	/es	No Depth (incl	nes):		_		
Saturation F		/es				Wetla	and Hydrology	Present? Yes X No
(includes ca	apillary fringe)		<u> </u>	-				
Describe Re	corded Data (stream	gauge, mor	nitoring well, aerial ph	otos, prev	ious inspe	ctions), if	available: n/a	
	•	•		e delineat	tion, evider	nce of surf	ace soil cracks	and the presence of hydrophytic
vegetation in	idicate that the area s	upports we	uana nyarology.					
LIS Army Co	rps of Engineers							Arid West – Version 2 0

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 46
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55789		Long: -117.01857 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent si				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology			·	
				(If needed, explain any answers in Remarks.)
				
SUMMARY OF FINDINGS – Attach site map sh	owing sai		iit iocations	s, transects, important leatures, etc.
Hydrophytic Vegetation Present? Yes	No X	_	ne Sampled .	Arna
	No X		nin a Wetland	YAS NO X
Wetland Hydrology Present? Yes X	No	_		
Remarks: The majority of the vegetation on the site ha	s been dist	urbed due to	past land use	s. This feature was sampled during the growing season and
does not meet the wetland criteria.				
VEGETATION – Use scientific names of plants				
VEGETATION – Use scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:
<u>Tree Stratum</u> (Plot size:)	% Cover		Status	Number of Dominant Species
1. none				That Are OBL, FACW, or FAC: 0 (A)
2				Total Number of Dominant
3.				Species Across All Strata: 1 (B)
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)
Capling/Chrub Stratum /Dlat airce		= Total Cove	er	
Sapling/Shrub Stratum (Plot size:) 1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
				OBL species 1 x 1 = 1
				FACW species1 x 2 =2
5.				FAC species 0 x 3 = 0
		= Total Cove	er	FACU species 17 x 4 = 68
Herb Stratum (Plot size:				UPL species1 x 5 = 5
1. Hordeum murinum	15	Y	FACU	Column Totals: (A) (B)
2. Mesembryanthemum nodiflorum	1	N	FACU	Prevalence Index = B/A = 3.8
3. Spergularia bocconi	1	N	FACW	
4. Sonchus oleraceus	1	N	UPL	Hydrophytic Vegetation Indicators:
5. Erodium botrys	1	N	FACU	Dominance Test is >50%
6. Plagiobothrys acanthocarpus	1	N	OBL	Prevalence Index is ≤3.0¹
7				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
8				, , , , , , , , , , , , , , , , , , ,
Woody Vine Stratum (Plot size:	20	= Total Cov	/er	Problematic Hydrophytic Vegetation¹ (Explain)
				Undicators of hydric soil and watland hydrology must
1. <u>none</u> 2.				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2		= Total Cove		
		- Total Cove	31	Hydrophytic Vegetation
% Bare Ground in Herb Stratum 83 % Co	ver of Biotic	Crust		Present? Yes No X
Remarks: The sample area does not support a predom	ince of hydr	ophytic veget	tation. It does	s support one vernal pool plant indicator species
(Plagiobothrys acanthocarpus).	-	,		

Profile Desc Depth	ription: (Describe to Matrix	the depth nee		ent the inded		confirm t	the absence of	indicators.)
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
(ITICITES)	Color (moist)		zoloi (moist)		туре .	LUC	Texture	
								_
							-	-
							_	
							-	
¹ Type: C=Co	ncentration, D=Depletion	RM=Reduced M	latrix CS=Covere	d or Coated	Sand Grains	s 2	l ocation: PI =Por	re Lining, RC=Root Channel, M=Matrix.
	Indicators: (Application					J.		for Problematic Hydric Soils ³ :
_		able to all Livin						•
Histoso				Redox (S5)				Muck (A9) (LRR C)
_	pipedon (A2)			Matrix (Se	,			fluck (A10) (LRR B)
	istic (A3)			Mucky Min	. ,			ed Vertic (F18)
	en Sulfide (A4)	• `		Gleyed Ma				arent Material (TF2)
	d Layers (A5) (LRR (هَ)		d Matrix (F	,		Other (Explain in Remarks)
	uck (A9) (LRR D)	(* 4 4)		Dark Surfac	` '			
	d Below Dark Surfac	e (A11)		d Dark Sur			31 11 1	
	ark Surface (A12)			Depression	s (F8)			of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal F	Pools (F9)				hydrology must be present,
Sandy 0	Gleyed Matrix (S4)						unless	disturbed or problematic.
Restrictive	Layer (if present):							
Type:								
Depth (inc	hes):						Hydric Soil Pre	esent? Yes No X
							t the hydrophyt	ic vegetation standard to be considered a
welland. The	erefore, no soil pit wa	s dug and nydri	c soils are not c	onsidered i	to be prese	ent.		
HYDROLOG	rv.							
	/drology Indicators:						Soc	condary Indicators (2 or more required)
-			ank all that appl)				
	cators (minimum of o	one requirea; cn		,				Water Marks (B1) (Riverine)
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)
Saturati	on (A3)		Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)			Dry-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	Thin Muck Surface (C7)
	posits (B3) (Nonrive	•		of Reduce	_			Crayfish Burrows (C8)
	Soil Cracks (B6)			on Reduct	-			Saturation Visible on Aerial Imagery (C9)
						u Solis (C		
	ion Visible on Aerial I	magery (B7)		k Surface				Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	oplain in Re	emarks)			FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		es No	X Depth (inc	hes)·				
Water Table			Depth (inc			_		
Saturation P			Depth (inc			_ ı	and Hydrology	Present? Vos V No
(includes cap		es NO.	Deptil (inc	nes)		_ wella	and Hydrology	Present? Yes X No
,	orded Data (stream o	nauge monitorin	ng well aerial n	notos prev	ioue inena	ctions) if	available: n/a	
Describe Nec	orded Data (Stream (gauge, monitorii	ig well, aeriai pi	iolos, prev	ious irispe	cuoris), ii d	avaliable. 11/a	
Remarks: Alt	hough no surface wa	ter was procent	at the time of the	ne delinacti	ion eviden	nce of curf	face soil cracks	indicate that the area ponds water and
	nough no surface wa and hydrology. Wate							mulcate that the area polius water and
Sapporto wett	ii, ai ology. vvale	iovoi ailu	- Saturation are I	.5. 14104411	a oon pi		g.	

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 47
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	 32.55807	•	Long: -117.01875 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	-	year? Yes	X No	(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology _			·	·
				(If needed, explain any answers in Remarks.)
				
SUMMARY OF FINDINGS – Attach site map sh	lowing sa	mpling poli	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			
Hydric Soil Present? Yes	No X	is u	ne Sampled . nin a Wetland	YAS NO X
Wetland Hydrology Present? Yes X	No	Witi	iiii a vvetiaiii	u:
Remarks: The majority of the vegetation on the site ha	s been dist	urbed due to	past land use	s. This feature was sampled during the growing season and
does not meet the wetland criteria.		'	•	1 3 3 3
VEGETATION – Use scientific names of plants		Danisant	locallia atau	Dominana Test weeksheet
Tree Stratum (Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none				Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
2.				Total Number of Dominant
3.				Species Across All Strata:2 (B)
4.				Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)
		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. <u>none</u>				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species 1 x 1 = 1
4				FAC species 1 x 2 = 2
5				FAC species 0 x 3 = 0 FACU species 6 x 4 = 24
Herb Stratum (Plot size:)		= Total Cove	er	UPL species 6 x 5 = 30
1. Bromus madritensis	3	Y	UPL	Column Totals: 14 (A) 57 (B)
2. Plantago elongata	1	N	UPL	(2)
3. Plagiobothrys acanthocarpus	1	N	OBL	Prevalence Index = B/A = 4.1
4. Psilocarphus brevissimus	1	N	FACW	Hydrophytic Vegetation Indicators:
5. Chrysanthemum coronarium	1	N	UPL	Dominance Test is >50%
6. Hordeum murinum	1	N	FACU	Prevalence Index is ≤3.0¹
7. Bromus hordeaceus	5	Y	FACU	Morphological Adaptations ¹ (Provide supporting
8. Melilotus indicus	1	N	UPL	data in Remarks or on a separate sheet)
	14	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				
1. none				¹ Indicators of hydric soil and wetland hydrology must
2				be present, unless disturbed or problematic.
	0	= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 86 % Co	ver of Biotic	Cruet	0	Vegetation Present? Yes No X
			0	
Remarks: Sample area is a vernal pool that receives rupredomince of hydrophytic vegetation. It does support to				
Plagiobothrys acanthocarpus).	22 70/1101	r 20. piantina	opooio	- (sa. pas a. sas .as .as .as .as as a

SOIL Sampling Point: 47_____

Profile Desc Depth	cription: (Describ Matri		needed to docum	ent the inded		confirm t	the absence	of indicators.)	
(inches)	Color (moist)	<u>^</u>	Color (moist)	%	Type ¹	Loc ²	– Texture	<u> </u>	Remarks
(1101100)			Ocioi (moist)		Турс		_ TOXIGIO	<u> </u>	romano
							_		
	-								
							-		
							_		
¹ Type: C=Co	ncentration, D=Deple	etion, RM=Reduce	d Matrix, CS=Covere	d or Coated	Sand Grain	s. ²	² Location: PL=P	Pore Lining, RC=Ro	oot Channel, M=Matrix.
Hydric Soil	I Indicators: (App	licable to all LF	RRs, unless other	wise note	d.)		Indicator	rs for Problema	tic Hydric Soils³:
Histoso	I (A1)		Sandy F	Redox (S5))		1 cm	Muck (A9) (LRF	RC)
	pipedon (A2)			d Matrix (S				Muck (A10) (LF	-
	listic (A3)			Mucky Min	,			iced Vertic (F18	-
	en Sulfide (A4)			Gleyed Ma	. ,			Parent Material	
	d Layers (A5) (LR	B C\		d Matrix (F				r (Explain in Rer	` '
	• () (K C)		,	,		01116	i (Explaiii iii Rei	narks)
	uck (A9) (LRR D)	F (A 4 4)		Dark Surfac	` '				
	ed Below Dark Sur	, ,		d Dark Sur			21 11 1		
	ark Surface (A12)			Depression	ıs (F8)			s of hydrophytic	-
	Mucky Mineral (S1	,	Vernal F	Pools (F9)				nd hydrology mu	
Sandy (Gleyed Matrix (S4))					unles	s disturbed or pr	oblematic.
Restrictive	Layer (if present)):							
Type:	., ,								
ı ·· —	.la = a\.						Lludaia Cail F	7	No. V
Depth (inc	enes):		_				Hydric Soil F	Present? Y	es No_X
Remarks: T	he sampled area	supports a predo	ominance of upland	d vegetatio	n and doe	s not mee	t the hydroph	ytic vegetation s	tandard to be considered a
wetland. The	erefore, no soil pit	was dug and hy	dric soils are not c	onsidered t	to be prese	ent.			
HYDROLO	GY								
Wetland Hy	ydrology Indicato	ors:					S	econdary Indic	ators (2 or more required)
1			check all that appl	v)					(B1) (Riverine)
	,	or one required,		,,					, , ,
	e Water (A1)		Salt Crus						posits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cr						(B3) (Riverine)
Saturat	ion (A3)		Aquatic I	nvertebrate	es (B13)			_ Drainage Patt	erns (B10)
Water N	Marks (B1) (Nonri	verine)	Hydrogei	n Sulfide O	dor (C1)			Dry-Season V	Vater Table (C2)
	ent Deposits (B2) (*		Rhizosphe		Living Ro	oots (C3)	Thin Muck Su	
	eposits (B3) (Nonr i	-		of Reduc	_	_		Crayfish Burro	
		iverine)			-	-		_	` '
	e Soil Cracks (B6)			on Reduct		d Solls (C		_	ible on Aerial Imagery (C9)
Inundat	tion Visible on Aeri	ial Imagery (B7)		k Surface				Shallow Aquit	ard (D3)
Water-9	Stained Leaves (B	9)	Other (Ex	kplain in Re	emarks)			FAC-Neutral ⁻	Гest (D5)
Field Obser	n rationa.								
Field Obser		.,							
Surface Wat	ter Present?		No X Depth (inc						
Water Table	Present?	Yes N	No Depth (inc	hes):					
Saturation P	resent?		No Depth (inc				and Hydrolog	gy Present?	Yes X No
(includes ca	pillary fringe)		· ,						
Describe Rec	corded Data (strea	m gauge, monito	oring well, aerial pl	notos, prev	ious inspe	ctions), if	available: n/a	<u></u>	
	,	5 5 /	, P	,, ,	, -	,,			
Remarks: Alf	though no surface	water was prese	ent at the time of the	ne delineat	ion, evider	nce of surf	face soil crack	s indicate that the	ne area ponds water and
	•	•	ınd saturation are ı		-				porteo trator una
'	, 29				P		3		

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA	Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 48
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R	01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:	32.55803	•	Long: -117.01879	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification	n: None
Are climatic / hydrologic conditions on the site typical fo		vear? Yes	X No	O (If no. explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology				· · · · · · · · · · · · · · · · · · ·	
Are Vegetation, SoilX, or Hydrology					
SUMMARY OF FINDINGS – Attach site map sl	nowing sa	mpling poli	nt locations	s, transects, important	reatures, etc.
Hydrophytic Vegetation Present? Yes X	_No				
Hydric Soil Present? Yes X	No		he Sampled . hin a Wetland	Y 20V	C No
Wetland Hydrology Present? Yes X	No	Witi	iiii a vvetiaiii	u:	
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	es. This feature was sample	ed during the growing season and
meets the wetland criteria.		'	•	'	3 3 3
VEGETATION – Use scientific names of plants		Damainant	lu di a atau	Dominance Test works	haati
Tree Stratum (Plot size:	Absolute % Cover	Dominant Species?	Indicator Status		
1. none				Number of Dominant Spe That Are OBL, FACW, or	
2.				Total Number of Domina	· ,
3				Species Across All Strata	(D)
4				Percent of Dominant Spe	
		= Total Cove	er	That Are OBL, FACW, or	r FAC: <u>100</u> (A/B)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index work	
2				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4				FACW species	
5				FAC species FACU species	
Herb Stratum (Plot size:)		= Total Cove	31	UPL species	x 5 =
1. Plagiobothrys acanthocarpus	3	Y	OBL	Column Totals:	(A) (B)
Spergularia bocconi	2	Y	FACW		
3. Psilocarphus brevissimus	2	Y	FACW	Prevalence Index	c = B/A =
4. Chrysanthemum coronarium	1	N	UPL	Hydrophytic Vegetation	n Indicators:
5. Hordeum murinum	1	N	FACU	X Dominance Test is	s >50%
6. Erodium botrys	1	N	OBL	Prevalence Index	
7. Plantago elongata	1	N	FACW	Morphological Ada	aptations¹ (Provide supporting
8. Deinandra fasciculata	1	N	FACU	data in Remark	s or on a separate sheet)
	12	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)					
1. none					l and wetland hydrology must
2				be present, unless distu	irbed or problematic.
	0	= Total Cove	er	Hydrophytic	
% Bare Ground in Herb Stratum 90 % Co	ver of Biotic	Crust		Vegetation Present? Ye	es X No
Remarks: Sample area is a vernal pool that receives r predominately of hydrophytic vegetation, it does support					
Plagiobothrys acanthocarpus).		1	5630	,	, 5

Profile Desc Depth	ription: (Describ Matri	-	needed to docum	ent the ind dox Featur		confirm t	he absence of	f indicators.)
(inches)	Color (moist)	<u>^</u>	Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
(1101100)			Color (moist)		Турс		Toxidio	Terrano
							<u> </u>	
								
	-							
17		tion DM-Doduce	-1 M-t-i 00-0		\	- 21		- Living DO-Dark Channel M-Matrix
			d Matrix, CS=Covere			S. 7		re Lining, RC=Root Channel, M=Matrix.
-		ilicable to all Li	RRs, unless other		i.)			for Problematic Hydric Soils ³ :
Histoso				Redox (S5)				Muck (A9) (LRR C)
_	pipedon (A2)			l Matrix (S6	•			Muck (A10) (LRR B)
_ 	istic (A3)			Mucky Mine				ed Vertic (F18)
Hydroge	en Sulfide (A4)			Gleyed Mat				arent Material (TF2)
Stratifie	d Layers (A5) (LR	RC)	Deplete	d Matrix (F3	3)		X Other ((Explain in Remarks)
	uck (A9) (LRR D)		Redox [ark Surfac	e (F6)			
Deplete	d Below Dark Sur	face (A11)	Deplete	d Dark Surf	ace (F7)			
Thick D	ark Surface (A12)		Redox [Depressions	(F8)			of hydrophytic vegetation and
Sandy N	Mucky Mineral (S1)	Vernal F	Pools (F9)			wetland	d hydrology must be present,
Sandy 0	Gleyed Matrix (S4))					unless	disturbed or problematic.
Restrictive	Layer (if present)							
_	Layer (ii present)	' -						
Type:			_					10 V V N
Depth (inc	nes):		_				Hydric Soil Pro	esent? Yes X No No
Remarks: N	o soil pit was dug.	Per the 1987 d	elineation manual,	hydric soils	can be as	ssumed w	hen a wetland	is dominated by OBL and FACW species
only.								
LIVEROLOG	27							
HYDROLOG								
_	drology Indicato							condary Indicators (2 or more required)
Primary Ind	icators (minimum	of one required;	check all that appl	y)				Water Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)
Saturati				nvertebrate	s (B13)			Drainage Patterns (B10)
	Marks (B1) (Nonri v	verine)		n Sulfide Od	, ,			Dry-Season Water Table (C2)
l —		=				Livina Bo		• •
l —	ent Deposits (B2) (· ·		Rhizosphei		_		Thin Muck Surface (C7)
l —	posits (B3) (Nonri	iverine)		of Reduce	•	-		Crayfish Burrows (C8)
X Surface	Soil Cracks (B6)		Recent Ir	on Reduction	on in Tilled	d Soils (C	6)	Saturation Visible on Aerial Imagery (C9)
Inundat	ion Visible on Aeri	ial Imagery (B7)		k Surface (Shallow Aquitard (D3)
Water-S	Stained Leaves (B	9)	Other (Ex	cplain in Re	marks)			FAC-Neutral Test (D5)
Field Obser	vations:							
		Voc.	No V Donth (inc	haa\.				
Surface Wat			No X Depth (inc			-		
Water Table			No Depth (inc					
Saturation P		Yes 1	No Depth (inc	hes):		_ Wetla	ind Hydrology	Present? Yes X No
(includes cap								
Describe Rec	orded Data (strea	m gauge, monit	oring well, aerial pl	otos, previ	ous inspe	ctions), if a	available: n/a	
_								
	•	•			-			indicate that the area ponds water and
supports wetl	and hydrology. Wa	ater table level a	and saturation are r	not known a	s a soll pi	τ was not	aug.	

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA	Sampling Date: April 6, 2018
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 49
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	tange: Section 31, T18S R	01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:	 32.55467	•	Long: -117.02501	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s					n: Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical fo		year? Yes	X No		
Are Vegetation X, Soil , or Hydrology					
Are Vegetation , Soil X, or Hydrology					· · · · · · · · · · · · · · · · · · ·
SUMMARY OF FINDINGS – Attach site map si	nowing sa	mpling pol	nt locations	s, transects, important	reatures, etc.
Hydrophytic Vegetation Present? Yes X	_No	_ 1- 41	0 11	A	
Hydric Soil Present? Yes X	No		he Sampled hin a Wetlan	V 2QV	C No
Wetland Hydrology Present? Yes X	No	_ ****	iii a wodan	u.	
Remarks: The majority of the vegetation on the site has	as been dist	urbed due to	past land use	es. This feature was sample	ed during the growing season and
meets the wetland criteria.		,	•	•	0 0 0
VEGETATION – Use scientific names of plant		<u> </u>	1 2 4	Deminera Testamento	h 4
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works	
1. none				Number of Dominant Sports Are OBL, FACW, or	
2.				Total Number of Domina	,
3.				Species Across All Strata	(۵)
4.				Percent of Dominant Spe	
		= Total Cove	er	That Are OBL, FACW, or	r FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index work	
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	
5				FAC species FACU species	
Herb Stratum (Plot size:)		= Total Cove	er	FACU species UPL species	x 4 = x 5 =
1. Plagiobothrys acanthocarpus	15	Υ	OBL	Column Totals:	(A) (B)
Psilocarphus brevissimus	20	Y	FACW		(2)
Spergularia bocconi	1	N	FACW	Prevalence Index	c = B/A =
4. Erodium botrys	1	N	FACU	Hydrophytic Vegetation	n Indicators:
5. Deinandra fasciculata	1	N	FACU	X Dominance Test is	
6. Sonchus asper	1	N	FAC	Prevalence Index	
7. Matricaria discoidea	1	N	FACU	Morphological Ada	aptations ¹ (Provide supporting
8. Lepidium nitidum	1	N	FAC	data in Remark	s or on a separate sheet)
	38	= Total Cov	/er	Problematic Hydro	pphytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)					
1. none					l and wetland hydrology must
2				be present, unless distu	ırbed or problematic.
	0	= Total Cove	er	Hydrophytic	
% Bare Ground in Herb Stratum 62 % Co	over of Biotic	Cruet	0	Vegetation Ye	o V No
		-	0		
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does support					
acanthocarpus).	C TATO VOITIGI	poor plant line	aloutor opcore	o (ollocalphias brovissiffic	o and i lagiopoullys

Profile Desc Depth	cription: (Describe to Matrix	the depth nee		ent the inc		confirm t	the absence	of indicators.)	
(inches)	Color (moist)	<u></u> % (Color (moist)	%	Type ¹	Loc ²	- Texture	2	Remarks
			Soloi (moist)		Турс	Loc			Remains
0-8	10YR 3/2						sandy clay	<u>/</u>	
							_		
							_		
									_
¹ Type: C=Co	ncentration, D=Depletion	n, RM=Reduced M	Matrix, CS=Covere	d or Coated	Sand Grain	s. ²	Location: PL=F	Pore Lining, RC=R	oot Channel, M=Matrix.
Hydric Soi	I Indicators: (Applica	able to all LRR	s, unless other	wise note	d.)		Indicato	rs for Problema	itic Hydric Soils³:
Histoso	l (A1)		Sandy F	Redox (S5))		1 cm	n Muck (A9) (LR I	R C)
Histic E	pipedon (A2)		Stripped	Matrix (S	6)		2 cm	n Muck (A10) (LF	RR B)
Black H	listic (A3)		Loamy I	Mucky Min	eral (F1)		—— Redu	uced Vertic (F18)
Hydrog	en Sulfide (A4)		Loamy (Gleyed Ma	trix (F2)		—— Red	Parent Material	(TF2)
	ed Layers (A5) (LRR 0	C)		d Matrix (F			X Othe	er (Explain in Rei	marks)
1 cm M	uck (A9) (LRR D)	,	Redox [ark Surfa	ce (F6)			` .	,
Deplete	ed Below Dark Surface	e (A11)	 Deplete	d Dark Sur	face (F7)				
	ark Surface (A12)	,		Depression	. ,		³ Indicato	rs of hydrophytic	vegetation and
	Mucky Mineral (S1)		Vernal F	Pools (F9)	, ,		wetla	nd hydrology mu	ust be present,
Sandy	Gleyed Matrix (S4)			, ,				s disturbed or p	
	Layer (if present):								
	ovel refusal								
_							Lhadaia Cail I	D	V N-
Depth (inc	nes). o						Hydric Soil I	Present?	es <u>X</u> No
only.	, -								by OBL and FACW species
HYDROLO	GY								
Wetland H	ydrology Indicators:						<u>s</u>	econdary Indic	ators (2 or more required)
Primary Ind	licators (minimum of c	ne required; ch	eck all that appl	y)				Water Marks	(B1) (Riverine)
Surface	e Water (A1)	-	Salt Crus	t (B11)				— Sediment De	posits (B2) (Riverine)
	ater Table (A2)		X Biotic Cru				_		(B3) (Riverine)
	tion (A3)			nvertebrate	oo (D12)		_	Drainage Pat	
		ina)			, ,		_		
	Marks (B1) (Nonriver	-		Sulfide C	, ,		. (20)		Vater Table (C2)
	ent Deposits (B2) (No	•			eres along	_	ots (C3)	Thin Muck Su	
	eposits (B3) (Nonrive	rine)			ed Iron (C	•	_	Crayfish Burr	
X Surface	e Soil Cracks (B6)				ion in Tille	d Soils (C	6) _	Saturation Vis	sible on Aerial Imagery (C9)
Inunda	tion Visible on Aerial I	magery (B7)		k Surface	. ,		_	Shallow Aquit	ard (D3)
Water-	Stained Leaves (B9)		Other (E)	oplain in Re	emarks)		_	FAC-Neutral	Test (D5)
Field Obser	rvations:								
		es No	X Depth (inc	hes)·					
Water Table			X Depth (inc						
Saturation F			X Depth (inc			_	and Hudrala	gy Present?	Yes X No
	pillary fringe)	es No.	Deptil (inc	nes)		— weua	and Hydrolog	gy Present?	resXNO
	piliary irrige <i>)</i> corded Data (stream g	rauge monitorin	na well perial ph	notos prov	inus inena	ctions) if	available: n/a	a	
Describe Net	Solded Data (Stream g	gauge, monitorii	ig well, aeriai pi	iotos, prev	ious irispe	Cuoris), ii d	avallable. 11/6	a	
Remarks: Al	though no surface wa	iter was present	at the time of th	ne delineat	ion, evider	nce of surf	face soil cracl	ks and biotic cru	sts indicate that the area
	and supports wetland	•			,				·
		•							

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 6, 2018
Applicant/Owner: Pardee Homes			State: CA Sampling Point: 50	
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55597		Long: -117.02615 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology			·	
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes	No X			_
Hydric Soil Present? Yes	No X	is u	ne Sampled . nin a Wetland	YAS NO X
Wetland Hydrology Present? Yes X	No		iiii a vvetiaiii	u:
Remarks: The majority of the vegetation on the site had does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and
	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1. none				That Are OBL, FACW, or FAC: 0 (A)
2. 3.				Total Number of Dominant Species Across All Strata: 1 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species 0 x 1 = 0
4				FACW species 0 x 2 = 0
5				FAC species 1 x 3 = 3 FACU species 2 x 4 = 8
Herb Stratum (Plot size:)		= Total Cove	er	FACU species 2 x 4 = 8 UPL species 16 x 5 = 80
1. Chrysanthemum coronarium	15	Υ	UPL	Column Totals: 19 (A) 91 (B)
Mesembryanthemum nodiflorum	1	N	FACU	(2)
3. Lepidium nitidum	1	N	FAC	Prevalence Index = B/A = 4.8
4. Erodium botrys	1	N	FACU	Hydrophytic Vegetation Indicators:
5. Bromus madritensis	1	N	UPL	Dominance Test is >50%
6.				Prevalence Index is ≤3.0¹
7.				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	19	= Total Cov	/er	Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				
1none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2		= Total Cove		<u> </u>
9/ Para Craund in Harb Stratum 91 9/ Co	wor of Piotio		er	Hydrophytic Vegetation Present? Yes No X
	ver of Biotic	-		
Remarks: Sample area is a vernal pool that receives rupredomince of hydrophytic vegetation. No ACOE vernal				

	ription: (Describe t	o the depth nee				confirm t	the absence	of indicate	ors.)	
Depth	Matrix			edox Featu					_	
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	Texture	<u>e</u>	Rema	rks
							_			
· ——										
		· ——— —								
1 T 0-0-		- DM-D	-t-i 00-0		C 1 Ci	- 2	21		20-D+ 0l	NA-NA-4
	ncentration, D=Depletion Indicators: (Applications)					5.			RC=Root Channel	
-		able to all LKK			•				-	Joils'.
Histoso	` '			Redox (S5)				n Muck (A9)		
_	pipedon (A2) istic (A3)			d Matrix (So Mucky Min	•			n Muck (A10 uced Vertic		
l ——	en Sulfide (A4)			Gleyed Ma				Parent Mat	` '	
	d Layers (A5) (LRR	C)		ed Matrix (F					n Remarks)	
l ——	uck (A9) (LRR D)	•,		Dark Surfac	,			or (Explain)	irriomano,	
	d Below Dark Surfac	ce (A11)		ed Dark Sur	` '					
	ark Surface (A12)	,		Depression			³ Indicato	rs of hydror	ohytic vegetatio	n and
Sandy I	Mucky Mineral (S1)		Vernal	Pools (F9)			wetla	and hydrolog	gy must be pres	ent,
Sandy 0	Gleyed Matrix (S4)						unles	ss disturbed	l or problematic	
Restrictive	Layer (if present):									
Type:	, ,									
Depth (inc	hes):						Hydric Soil	Present?	Yes	No X
							,			<u> </u>
	he sampled area superefore, no soil pit wa						et the nyaropr	nytic vegeta	ilion standard to	be considered a
Wottana. The	orororo, no con pic we	io dag and riyan		onioladi da	10 DO P1000	7116.				
LIVEROL OF										
HYDROLO										
1	drology Indicators						<u> </u>	•		r more required)
	icators (minimum of	one required; ch	• • • • • • • • • • • • • • • • • • • •	• ,					arks (B1) (Rive	*
	Water (A1)		Salt Cru				_		nt Deposits (B2)	
l —	ater Table (A2)			rust (B12)			_		oosits (B3) (Rive	•
Saturat			X Aquatic		` ,		_		e Patterns (B10	
l —	Marks (B1) (Nonrive	· ·		n Sulfide O			_		son Water Tabl	
l —	ent Deposits (B2) (No			d Rhizosphe	_		oots (C3)		ck Surface (C7)	
l —	posits (B3) (Nonrive	erine)		e of Reduc	-	•	_	_	Burrows (C8)	
l —	Soil Cracks (B6)		Recent I	ron Reduct	ion in Tilled	d Soils (C	⁽⁶⁾ _	Saturatio	on Visible on Ae	rial Imagery (C9)
	ion Visible on Aerial	Imagery (B7)		ck Surface			_		Aquitard (D3)	
Water-S	Stained Leaves (B9)		Other (E	xplain in Re	emarks)		_	FAC-Ne	utral Test (D5)	
Field Obser	vations:									
Surface Wat		Yes No_	X Depth (inc	ches):						
Water Table		/es No				_				
Saturation P		/es No				— Wetla	and Hydrolo	gy Present	? Yes X	No
(includes ca			<u> </u>			_				
Describe Rec	orded Data (stream	gauge, monitorin	g well, aerial p	hotos, prev	ious insped	ctions), if	available: n/	a		
Domarka: Alt	hough no curfoco w	ator was present	at the time of t	ho dolinost	ion the ne	al did rate	ain water eve	r the reiny o	socop and fain	, chrimp our ovo
	though no surface wa ed within this pool. T									
	ology. Water table le						50 10	,		
I										

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 6, 2018
Applicant/Owner: Pardee Homes			State: CA Sampling Point: 51	
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:	32.55599		Long: -117.02616 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology			· ·	
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map s				
Hydrophytic Vegetation Present? Yes	No X		0 ll	A
Hydric Soil Present? Yes	No X	is u	ne Sampled nin a Wetlan	YAS NA X
Wetland Hydrology Present? Yes X	_No	_ ****	iii a vvetiaii	u:
does not meet the wetland criteria. VEGETATION – Use scientific names of plant		urbed due to	past land use	es. This feature was sampled during the growing season and
	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1. none				That Are OBL, FACW, or FAC:0(A)
2. 3.				Total Number of Dominant Species Across All Strata: (B)
				Percent of Dominant Species (B)
* .		= Total Cove		That Are OBL, FACW, or FAC:0_(A/B)
Sapling/Shrub Stratum (Plot size:)		rotal Cove	٥.	
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species 0 x 1 = 0
4.				FACW species0 x 2 =0
5				FAC species1 x 3 =3
		= Total Cove	er	FACU species 3 x 4 = 12
Herb Stratum (Plot size:)				UPL species 13 x 5 = 65
1. Chrysanthemum coronarium	12	Y	UPL	Column Totals:17
2. Mesembryanthemum nodiflorum		N	FACU	Prevalence Index = B/A = 4.7
3. Lepidium nitidum		N	FAC	Hada ab da Vandellar la diseasa
Erodium botrys Matricaria discoidea	1	N	FACU FACU	Hydrophytic Vegetation Indicators:
6. Sonchus oleraceus		N	UPL	Dominance Test is >50% Prevalence Index is ≤3.0¹
7				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	17	= Total Cov	 /er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				Trobinitation rydrophytio vogotation (Explain)
1none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic Vegetation
	over of Biotic	-		Present? Yes No X
Remarks: Sample area is a vernal pool that receives r predomince of hydrophytic vegetation. No ACOE vernal				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Featu	ıres						
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textur	<u>e</u>	Re	marks	
							_				
	· 			-	· —— ·		_				
							_				
							_				
							_				
	ncentration, D=Depletion					s. ²	Location: PL=				X.
-	I Indicators: (Applica	ble to all LR	•		•				lematic Hyd	dric Soils ³ :	
Histoso				Redox (S5				n Muck (A9)			
_	Epipedon (A2)			d Matrix (S	,			n Muck (A10			
	listic (A3)			Mucky Mir				luced Vertic			
	en Sulfide (A4) ed Layers (A5) (LRR C	•\		Gleyed Ma				l Parent Mat	, ,		
l ——	luck (A9) (LRR D)	')		d Matrix (F Dark Surfa				ei (⊏xpiaiii i	n Remarks)		
	ed Below Dark Surface	(A11)		d Dark Su							
	ark Surface (A12)	, (, (, , ,)		Depression	, ,		3Indicate	ors of hydro	ohytic vegeta	ation and	
	Mucky Mineral (S1)			Pools (F9)	()				gy must be p		
	Gleyed Matrix (S4)		_	,				•	or problema	-	
Postrictivo	Layer (if present):										
Type:	Layer (ii present).										
Depth (inc	shee).		_				Hydric Soil	Dresent?	Yes	No	Y
	he sampled area sup		_				-				
HYDROLO											
	ydrology Indicators:						<u> </u>		Indicators (<u>equired)</u>
	licators (minimum of o	ne required;							arks (B1) (R	· ·	
	e Water (A1)		Salt Crus				_		nt Deposits (ie)
	/ater Table (A2)		Biotic Cru	, ,			_		osits (B3) (F		
	tion (A3)		X Aquatic I		. ,		_		e Patterns (E	,	
	Marks (B1) (Nonriveri			n Sulfide C			_		son Water T	, ,	
	ent Deposits (B2) (Nor				eres along		ots (C3)		ck Surface (•	
	eposits (B3) (Nonriver	rine)			ed Iron (C4	•			Burrows (Ca		
	e Soil Cracks (B6)	 \			tion in Tille	d Soils (C	-(6)		on Visible on	_	ery (C9)
	tion Visible on Aerial I	magery (B7)		k Surface	` '		_		Aquitard (D3	•	
Water-	Stained Leaves (B9)		Other (Ex	xplain in R	emarks)		_	FAC-Ne	utral Test (D	5)	
Field Obser	rvations:										
Surface Wa			lo X Depth (inc								
Water Table	Present? Ye	es N	lo Depth (inc	:hes):		_					
Saturation F		es N	lo Depth (inc	:hes):		Wetla	and Hydrolo	gy Present	? Yes_	X No	
F	pillary fringe)										
Describe Red	corded Data (stream g	auge, monito	oring well, aerial ph	notos, prev	ious inspe	ctions), if	available: n	/a			
Remarks: Al	though no surface wat	er was nrese	ent at the time of th	ne delinea	tion the no	ol did rets	ain water ove	or the rainy o	eason and f	airy shrimn	SIIIVAVS
	ted within this pool. Th										
	ology. Water table leve							, ,			
LIC Arms (Co.	rne of Engineers								Arid M	est _ Versio	n 2 0

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: April 6, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 52
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55602		Long: -117.02622 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes	No X		0 ll	A
Hydric Soil Present? Yes	No X	is u	he Sampled . hin a Wetland	YAS NO X
Wetland Hydrology Present? Yes X	No	_ """	iiii a vvotiaii	u.
does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and
	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species
				That Are OBL, FACW, or FAC: 0 (A)
3				Total Number of Dominant Species Across All Strata: 1 (B)
				Percent of Dominant Species
4		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species 0 x 1 = 0
4				FACW species 2 x 2 = 4
5				FAC species x 3 =0
Hart Otratama (Districts		= Total Cove	er	FACU species 2 x 4 = 8
Herb Stratum (Plot size:)	45	V	LIDI	UPL species 15 x 5 = 75 Column Totals: 19 (A) 87 (B)
Chrysanthemum coronarium Lepidium nitidum	<u>15</u>	Y	— UPL FACW	Column Totals:19
Lepidium nitidum Psilocarphus brevissimus	1	N	FACW	Prevalence Index = B/A = 4.6
4. Mesembryanthemum nodiflorum	<u>'</u>	N	FACU	Hydrophytic Vegetation Indicators:
5. Deinandra fasciculata	1	N	FACU	Dominance Test is >50%
6				Prevalence Index is ≤3.0¹
7.				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	19	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:				
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
	0	= Total Cove	er	Hydrophytic Vegetation
	ver of Biotic		0	Present? Yes No X
Remarks: Sample area is a vernal pool that receives rupredomince of hydrophytic vegetation. It does support of				
regermann is accessappoints				,

(inches)	Color (moist)		olor (moist)	%	「ype ¹	Loc ² Te	xture	Remarks
							·	
	oncentration, D=Depletion							ning, RC=Root Channel, M=Matrix.
•	il Indicators: (Applic	able to all LRRS	•	•				Problematic Hydric Soils ³ :
Histoso	` '			edox (S5)				(A9) (LRR C)
	Epipedon (A2)			Matrix (S6)	/ [4]			(A10) (LRR B)
	Histic (A3) gen Sulfide (A4)			lucky Minera Jeyed Matrix	. ,			/ertic (F18) t Material (TF2)
	ed Layers (A5) (LRR (C)		Matrix (F3)	. (12)			lain in Remarks)
	fluck (A9) (LRR D)	G)		ark Surface	(F6)	 '	Other (EXP	iam in Nemarks)
	ed Below Dark Surfac	e (A11)		Dark Surfac	. ,			
	Dark Surface (A12)	()		epressions (` '	³ Indi	cators of h	ydrophytic vegetation and
	Mucky Mineral (S1)		Vernal P		,			drology must be present,
	Gleyed Matrix (S4)		<u> </u>	, ,				urbed or problematic.
Restrictive Type:	Layer (if present):							
Depth (inc	-I \					I la calada d	Soil Presei	nt? Yes No X
				nsidered to b	·			
Wetland H	lydrology Indicators				· 			
Wetland H					•			dary Indicators (2 or more require ter Marks (B1) (Riverine)
Wetland H Primary Inc	lydrology Indicators dicators (minimum of one Water (A1)			<i>'</i>)			Wa Sec	ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine)
Wetland H Primary Inc	lydrology Indicators dicators (minimum of d		eck all that apply	/) (B11)			Wa Sec	ter Marks (B1) (Riverine)
Wetland H Primary Inc Surface High W	lydrology Indicators dicators (minimum of one Water (A1)		eck all that apply Salt Crust Biotic Cru	/) (B11)			Wa Sed Drif	ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine)
Wetland H Primary Inc Surface High W Satura	lydrology Indicators dicators (minimum of one Water (A1) Vater Table (A2)	one required; che	eck all that apply Salt Crust Biotic Cru Aquatic In	v) (B11) st (B12)	(B13)		Wa Sec Drif Dra	ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine)
Wetland H Primary Inc Surface High W Satura Water	lydrology Indicators: dicators (minimum of o e Water (A1) Vater Table (A2) tion (A3)	one required; che	eck all that apply Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I	(B11) st (B12) vertebrates (Sulfide Odo Rhizosphere:	(B13) r (C1) s along Liv	ing Roots (C3)	Wa Sec Drif Dra Dra	ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10)
Wetland H Primary Inc Surface High W Satura Water Sedime	lydrology Indicators: dicators (minimum of of the Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonriver	one required; che rine) onriverine)	eck all that apply Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I	(B11) st (B12) vertebrates (Sulfide Odo	(B13) r (C1) s along Liv		Wa Sec Drif Dra Dry Thiu	ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) lyfish Burrows (C8)
Wetland H Primary Inc Surface High W Satura Water Sedime Drift De	lydrology Indicators: dicators (minimum of one Water (A1) Vater Table (A2) stion (A3) Marks (B1) (Nonriverent Deposits (B2) (No	one required; che rine) onriverine)	eck all that apply Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I	(B11) st (B12) vertebrates (Sulfide Odo Rhizosphere:	(B13) r (C1) s along Liv Iron (C4)	ing Roots (C3)	Wa Sec Drif Dra Dry Thiu	ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) lyfish Burrows (C8)
Wetland H Primary Inc Surface High W Satura Water Sedime Drift De X Surface	lydrology Indicators: dicators (minimum of one Water (A1) Vater Table (A2) dition (A3) Marks (B1) (Nonriver ent Deposits (B2) (Nonriver)	one required; che rine) onriverine)	eck all that apply Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc	(B11) st (B12) vertebrates (Sulfide Odo Rhizosphere: of Reduced on Reduction c Surface (Ci	(B13) r (C1) s along Liv Iron (C4) in Tilled S	ing Roots (C3)	Wa Sec Drif Dra Dra Cra Sat	ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7) yfish Burrows (C8)
Wetland H Primary Inc Surface High W Satura Water Sedime Drift De X Surface Inunda	lydrology Indicators: dicators (minimum of of e Water (A1) Vater Table (A2) tition (A3) Marks (B1) (Nonriver ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6)	one required; che rine) onriverine)	eck all that apply Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc	(B11) st (B12) vertebrates (Sulfide Odo Rhizosphere: of Reduced on Reduction	(B13) r (C1) s along Liv Iron (C4) in Tilled S	ing Roots (C3)	Wa Sec Drif Dra Dry Thi Cra Sat	ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) yfish Burrows (C8) uration Visible on Aerial Imagery (C
Wetland H Primary Inc Surface High W Satura Water Sedime Drift De X Surface Inunda Water- Field Obse	lydrology Indicators: dicators (minimum of one Water (A1) Vater Table (A2) dition (A3) Marks (B1) (Nonriver ent Deposits (B2) (Noneposits (B3) (Nonriver es Soil Cracks (B6) ation Visible on Aerial distributions:	rine) errine) errine) Imagery (B7)	eck all that apply Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck	(B11) st (B12) vertebrates (Sulfide Odo Rhizosphere: of Reduced on Reduction c Surface (Ci plain in Rem	(B13) r (C1) s along Liv Iron (C4) in Tilled S	ing Roots (C3)	Wa Sec Drif Dra Dry Thi Cra Sat	ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) yfish Burrows (C8) uration Visible on Aerial Imagery (Callow Aquitard (D3)
Primary Inc Surface High W Satura Water Sedime Drift De X Surface Inunda Water- Field Obsee Surface Wa	lydrology Indicators: dicators (minimum of one Water (A1) Vater Table (A2) dition (A3) Marks (B1) (Nonriver ent Deposits (B2) (Noneposits (B3) (Nonriver ener Soil Cracks (B6) ation Visible on Aerial distributions: ater Present?	rine) prriverine) lmagery (B7)	eck all that apply Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex	(B11) st (B12) vertebrates (Sulfide Odo Rhizosphere: of Reduced on Reduction c Surface (Ci plain in Rem	(B13) r (C1) s along Liv Iron (C4) in Tilled S 7) arks)	ing Roots (C3)	Wa Sec Drif Dra Dry Thi Cra Sat	ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) yfish Burrows (C8) uration Visible on Aerial Imagery (Callow Aquitard (D3)
Wetland H Primary Inc Surface High W Satura Water Sedime Drift De X Surface Inunda Water- Field Obse Surface Wa Water Table	Industrial	rine) priverine) lmagery (B7) /es No _ /es No _	eck all that apply Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex	(B11) st (B12) vertebrates (Sulfide Odo Rhizosphere: of Reduced on Reduction (Surface (Ci plain in Rem	(B13) r (C1) s along Liv Iron (C4) in Tilled S 7) arks)	ing Roots (C3)	Wa Sec Drif Dra Dry Thi Cra Sat Sha	diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) lyfish Burrows (C8) uration Visible on Aerial Imagery (Callow Aquitard (D3) C-Neutral Test (D5)
Wetland H Primary Inc Surface High W Satura Water Sedime Drift De X Surface Inunda Water- Field Obse Surface Wa Water Table Saturation F	Industrial	rine) prriverine) lmagery (B7)	eck all that apply Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex	(B11) st (B12) vertebrates (Sulfide Odo Rhizosphere: of Reduced on Reduction (Surface (Ci plain in Rem	(B13) r (C1) s along Liv Iron (C4) in Tilled S 7) arks)	ing Roots (C3)	Wa Sec Drif Dra Dry Thi Cra Sat Sha	ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) yfish Burrows (C8) uration Visible on Aerial Imagery (Callow Aquitard (D3) C-Neutral Test (D5)
Wetland H Primary Inc Surface High W Satura Water Sedime Drift De X Surface Inunda Water- Field Obse Surface Wa Water Table Saturation F (includes ca	lydrology Indicators: dicators (minimum of one Water (A1) Vater Table (A2) Intion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No eposits (B3) (Nonriver ee Soil Cracks (B6) Intion Visible on Aerial Indicators ester Present? Exter Present? Present? Yeresent?	rine) priverine) Imagery (B7) /es No _ /es No _ /es No _	eck all that apply Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex X Depth (inch Depth (inch	(B11) st (B12) vertebrates (Sulfide Odo Rhizosphere: of Reduced on Reduction of Surface (Complain in Remines): less):	(B13) r (C1) s along Liv Iron (C4) in Tilled S 7) arks)	ing Roots (C3) oils (C6) Wetland Hyd	Wa Sec Drif Dra Dry Thir Cra Sat Sha FAC	ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) yfish Burrows (C8) uration Visible on Aerial Imagery (Callow Aquitard (D3) C-Neutral Test (D5)
Wetland H Primary Inc Surface High W Satura Water Sedime Drift De X Surface Inunda Water- Field Obse Surface Wa Water Table Saturation F (includes ca	Ilydrology Indicators: dicators (minimum of one Water (A1) Vater Table (A2) Intion (A3) Marks (B1) (Nonriver ent Deposits (B2) (None eposits (B3) (Nonriver e Soil Cracks (B6) Intion Visible on Aerial of the Stained Leaves (B9) Invations: Inter Present? Inter Pr	rine) priverine) lmagery (B7) /es No /es No /es No gauge, monitoring	eck all that apply Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex X Depth (inch Depth (inch	(B11) st (B12) vertebrates (Sulfide Odo Rhizosphere: of Reduced on Reduction (Surface (Ci plain in Rem	(B13) r (C1) s along Livi Iron (C4) in Tilled S 7) arks)	ing Roots (C3) oils (C6) Wetland Hydi	Wa Sec Drift Dra Dry Thin Cra Sat Sha FAC	ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) syfish Burrows (C8) uration Visible on Aerial Imagery (Callow Aquitard (D3) C-Neutral Test (D5)
Wetland H Primary Inc Surface High W Satura Water Sedime Drift De X Surface Inunda Water- Field Obse Surface Wa Water Table Saturation F (includes ca Describe Rec	Ilydrology Indicators: dicators (minimum of one Water (A1) Vater Table (A2) Intion (A3) Marks (B1) (Nonriver ent Deposits (B2) (None eposits (B3) (Nonriver e Soil Cracks (B6) Intion Visible on Aerial of the Stained Leaves (B9) Invations: Inter Present? Inter Pr	rine) priverine) lmagery (B7) /es No /es No gauge, monitoring	Seck all that apply Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex X Depth (inch Depth (inch Depth (inch	(B11) st (B12) vertebrates (Sulfide Odo Rhizosphere: of Reduced on Reduction (Surface (Ci plain in Rem	(B13) r (C1) s along Livi Iron (C4) in Tilled S 7) arks)	ing Roots (C3) oils (C6) Wetland Hydi	Wa Sec Drift Dra Dry Thin Cra Sat Sha FAC	ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) yfish Burrows (C8) uration Visible on Aerial Imagery (Callow Aquitard (D3) C-Neutral Test (D5)
Wetland H Primary Inc Surface High W Satura Water Sedime Drift De X Surface Inunda Water- Field Obse Surface Wa Water Table Saturation F includes ca escribe Rec	Ilydrology Indicators: dicators (minimum of one Water (A1) Vater Table (A2) Intion (A3) Marks (B1) (Nonriver ent Deposits (B2) (None eposits (B3) (Nonriver e Soil Cracks (B6) Intion Visible on Aerial of the Stained Leaves (B9) Invations: Inter Present? Inter Pr	rine) priverine) lmagery (B7) /es No /es No gauge, monitoring	Seck all that apply Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex X Depth (inch Depth (inch Depth (inch	(B11) st (B12) vertebrates (Sulfide Odo Rhizosphere: of Reduced on Reduction (Surface (Ci plain in Rem	(B13) r (C1) s along Livi Iron (C4) in Tilled S 7) arks)	ing Roots (C3) oils (C6) Wetland Hydi	Wa Sec Drift Dra Dry Thin Cra Sat Sha FAC	ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) syfish Burrows (C8) uration Visible on Aerial Imagery (Callow Aquitard (D3) C-Neutral Test (D5)

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 6, 2018
Applicant/Owner: Pardee Homes			State: CA Sampling Point: 53	
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55643		Long: -117.02687 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent si				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes	No X	_	h a Camanda d	A
	No X	is u	he Sampled hin a Wetlan	YAS NO X
Wetland Hydrology Present? Yes X	No	_ """	a rrottan	.
does not meet the wetland criteria. VEGETATION – Use scientific names of plants		and due to	past land usc	es. This feature was sampled during the growing season and
Trac Stratum (Diet size:	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
2.				Total Number of Dominant
3				Species Across All Strata: 1 (B)
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cove	er	
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species0 x 1 =0
4.				FACW species0 x 2 =0
5				FAC species1 x 3 =3
		= Total Cove	er	FACU species 3 x 4 = 12
Herb Stratum (Plot size:)				UPL species11 x 5 =55
1. Chrysanthemum coronarium	10	Y	UPL	Column Totals:15
2. Mesembryanthemum nodiflorum		N	FACU	Prevalence Index = B/A = 4.7
3. Lepidium nitidum	1	N	FAC_	Hadron badle Venetallen badle ten
Erodium cicutarium Salsola tragus	1	N	— UPL FACU	Hydrophytic Vegetation Indicators:
6				Dominance Test is >50% Prevalence Index is ≤3.0¹
_				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	15	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				Trobiomado riyaropriyao vegetation (Explain)
1none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic Vegetation
	ver of Biotic	-		Present? Yes No X
Remarks: Sample area is a vernal pool that receives ru predomince of hydrophytic vegetation. No ACOE vernal				

Redox Features

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth

Matrix

(inches)	Color (moist)	. <u> </u>	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
	i	· -						
		· ——						<u> </u>
			-				_	
							-	
¹ Type: C=Cor	ncentration, D=Depletio	n, RM=Reduc	ed Matrix, CS=Covered	d or Coated	d Sand Grain	ıs. ²	Location: PL=Po	re Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applic	able to all L	RRs, unless other	wise note	ed.)		Indicators	for Problematic Hydric Soils ³ :
Histosol	(A1)		Sandv R	edox (S5	5)		1 cm N	Muck (A9) (LRR C)
	pipedon (A2)			Matrix (S	,			Muck (A10) (LRR B)
	istic (A3)				neral (F1)			ed Vertic (F18)
	en Sulfide (A4)			Sleyed Ma				arent Material (TF2)
	d Layers (A5) (LRR	C)		d Matrix (I				(Explain in Remarks)
	uck (A9) (LRR D)	-,		ark Surfa	,			χ=μ
	d Below Dark Surfac	e (A11)			rface (F7)			
	ark Surface (A12)	()		epressio	, ,		3Indicators	of hydrophytic vegetation and
	Mucky Mineral (S1)			ools (F9)				I hydrology must be present,
	Gleyed Matrix (S4)			00.0 (1.0)				disturbed or problematic.
							1	
	Layer (if present):							
Type:								
Depth (inc	hes):						Hydric Soil Pr	esent? Yes No X
Pomarks: T	ho campled area cui	porte a proc	lominance of unland	Lyogotati	on and doo	s not moo	t the bydrophyt	ic vegetation standard to be considered a
	erefore, no soil pit wa						t the flydropflyt	ie vegetation standard to be considered a
woulding. The	ordiord, no don pit we	io dag ana n	yano sons are not se	niolaci ca	to be pres	OTT.		
HYDROLOG	ξY							
							Sa	andam Indicators (2 or more required)
-	drology Indicators						<u>360</u>	condary Indicators (2 or more required)
-	cators (minimum of	one required						Water Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)
Saturati	on (A3)		X Aquatic Ir	nvertebrat	tes (B13)			Drainage Patterns (B10)
Water N	Marks (B1) (Nonrive	rine)	—— Hydroger	Sulfide (Odor (C1)			Dry-Season Water Table (C2)
	nt Deposits (B2) (No		Oxidized	Rhizosph	eres along	Livina Ro	oots (C3)	Thin Muck Surface (C7)
	posits (B3) (Nonrive	-			ced Iron (C	_		Crayfish Burrows (C8)
	Soil Cracks (B6)	,,,,,,			`	,	-6)	· · ·
		l (D3			tion in Tille	u solis (C		Saturation Visible on Aerial Imagery (C9)
	ion Visible on Aerial	imagery (B7	<i>'</i> —		. ,			Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	plain in F	(emarks			FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		⁄es	No X Depth (incl	nes).				
Water Table			No Depth (incl			_		
Saturation P			No Depth (incl			_ 1	and Hudralage	Propert? Voc V No
(includes cap			INO Deptil (illoi	ies)		_ well	and Hydrology	Present? Yes X No
_,	orded Data (stream	dalide mon	toring well serial ph	otos pro	vious inena	octions) if	available: n/a	
Describe Lec	orucu Dala (Sileaili	yauye, mom	toring well, aerial pri	otos, pre	vious irispe		avaliabit. 11/a	
Remarks: Alt	hough no surface w	ater was nre	sent at the time of th	e delines	tion the po	ool did reta	ain water over t	ne rainy season and fairy shrimp surveys
								shrimp indicate that the area supports
	ology. Water table le						· y ·	,
•	= -				-	-		
LIC A O								Assistant V : 00
US Army Cor	ns of Fngineers							Arid West – Version 2 0

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA	Sampling Date: March	26, 2018
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 54	
Investigator(s): Beth Procsal, Mark Dodero		Section,	Township, R	Range: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave	Slope (%):	0-2
Subregion (LRR): LRR-C	Lat: 3	32.55506		Long: -117.02481	Datum: NAD8	33
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification		
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology _			· ·	· · · · · · · · · · · · · · · · · · ·		No
Are Vegetation Soil or Hydrology						
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poli	nt locations	s, transects, importan	t teatures, etc.	
Hydrophytic Vegetation Present? Yes X	No	_ 1-41	0	A		
Hydric Soil Present? Yes X	No		ne Sampled nin a Wetlan	YAC X	X No	
Wetland Hydrology Present? Yes X	No	_ ****	iii a wodan	u.		
Remarks: The majority of the vegetation on the site ha	s been dist	urbed due to	past land use	es. This feature was sample	ed during the growing se	ason and
meets the wetland criteria.						
VEGETATION – Use scientific names of plants						
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works		
1. none	70 OOVCI	Орсскоз:	Otatus	Number of Dominant Sp That Are OBL, FACW, of		(A)
2.				Total Number of Domina		_(','
3				Species Across All Strat		(B)
4.				Percent of Dominant Sp	pecies	
		= Total Cove	er	That Are OBL, FACW, o	or FAC: <u>100%</u>	(A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index work	sheet:	
2.				Total % Cover of:	Multiply by:	_
3				OBL species	x 1 =	
4				FACW species	x 2 =	_
5				FAC species		
		= Total Cove	er	FACU species	•	
Herb Stratum (Plot size:)				UPL species	x 5 =	
Psilocarphus brevissimus	1	N	FACW	Column Totals:	(A)	_(B)
2. Lilaea scilloides	1	N	OBL	Prevalence Inde	x = B/A =	_
3. Plagiobothrys acanthocarpus	1	N	OBL			
4. Spergularia bocconi	2	N	FACW	Hydrophytic Vegetatio		
5. Rumex crispus	12	Y	FAC	X Dominance Test i		
6. Erodium botrys	1	N	FACU_	Prevalence Index		
7					aptations¹ (Provide supp ks or on a separate shee	
8		T-4-1 0			•	´
Woody Vine Stratum (Plot size:)	18	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Exp	iain)
				1 Indicators of hydric as	il and watland hydrology	must
1. none				be present, unless dist	il and wetland hydrology urbed or problematic.	must
2		- Total Cause			<u></u>	
	0	= Total Cove	er	Hydrophytic Vegetation		
% Bare Ground in Herb Stratum 82 % Co	ver of Biotic	Crust	0		es X No	
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro	u-watershed. In addition to	the vernal pool consisting	 a
predominately of hydrophytic vegetation, it does suppor	t three verna					'
acanthocarpus, and Lilaea scilloides). Leaf litter present						

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Featu	res		_	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-5	10YR 3/2	90	5YR 4/6	10	С	PL	sandy clay	
5-18	10YR 4/3	100					sandy clay	
							_	<u> </u>
							_	
							-	_
-							-	_
 								
	ncentration, D=Depletion					5. ²		re Lining, RC=Root Channel, M=Matrix.
•	I Indicators: (Application	able to all	•		d.)			for Problematic Hydric Soils ³ :
Histoso				Redox (S5)				Muck (A9) (LRR C)
_	Epipedon (A2)			Matrix (S6	,			Muck (A10) (LRR B)
	Histic (A3)			Mucky Mine Gleyed Mat				ed Vertic (F18) arent Material (TF2)
	en Sulfide (A4) ed Layers (A5) (LRR (•)		d Matrix (F	, ,			(Explain in Remarks)
	luck (A9) (LRR D)	•)	x Redox [•	,		Other ((Explain in Nemarks)
	ed Below Dark Surface	e (A11)		d Dark Sur	` '			
	Oark Surface (A12)	- (,		Depression	` '		³ Indicators	of hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)	` ,			d hydrology must be present,
Sandy	Gleyed Matrix (S4)			, ,			unless	disturbed or problematic.
Restrictive	Layer (if present):							
Type:	Layor (ii process)							
Depth (inc	ches).						Hydric Soil Pre	resent? Yes X No
	edox dark surface obs						Tiyano con Ti	- Tes
HYDROLO	GY							
Wetland H	ydrology Indicators:						Sec	condary Indicators (2 or more required)
Primary Ind	licators (minimum of c	ne require	d; check all that appl	y)				Water Marks (B1) (Riverine)
Surface	e Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
High W	/ater Table (A2)		X Biotic Cru					Drift Deposits (B3) (Riverine)
Saturat	tion (A3)		Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)
Water I	Marks (B1) (Nonriver	ine)	— Hydroger	n Sulfide O	dor (C1)			Dry-Season Water Table (C2)
Sedime	ent Deposits (B2) (No	nriverine)		Rhizosphe		Living Ro		Thin Muck Surface (C7)
Drift De	eposits (B3) (Nonrive	rine)		of Reduce				Crayfish Burrows (C8)
X Surface	e Soil Cracks (B6)		Recent Ir	on Reducti	on in Tilled	Soils (C	6)	Saturation Visible on Aerial Imagery (C9)
Inunda	tion Visible on Aerial I	magery (B	7) Thin Muc	k Surface ((C7)			Shallow Aquitard (D3)
	Stained Leaves (B9)		Other (Ex	oplain in Re	emarks)			FAC-Neutral Test (D5)
Field Obse	rvations:		`		-			-
Surface Wa		- - -	No X Depth (inc	hes).				
Water Table			No Depth (inc			-		
Saturation F		es		hes):		— Wetla	nd Hydrology	Present? Yes X No
	pillary fringe)		TtoBepair (into			_ ""	ilia i iyal ology	100 <u>X</u> 100
,	corded Data (stream o	gauge, mor	nitoring well, aerial ph	notos, previ	ous inspec	ctions), if a	available: n/a	
	` `			·	·	,		
Romarke: Al				o dolinoati	on eviden	ca of curf	ace soil cracks	and higher crust indicate that the area
	though no surface wa	•		ie ueili leati	on, eviden	Ce or surr	acc con cracke	and piolic crust indicate that the area
	though no surface wa and supports wetland	•		ie deiirieau	on, eviden	ce or sur	acc com cracito	and blouc crust indicate that the area
	•	•		ie delilieati	on, eviden	ce or sum	acc com cracino	and biolic crust indicate that the area
	•	•		ie delii leati	on, eviden	ce or sum	add ddii Gradic	and biolic crust indicate that the area

Project/Site: Southwest Village Specific Plan		City/Cour	nty: <u>San Dieg</u>	o, CA Sampling Date: March 26, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 55
Investigator(s): Beth Procsal, Mark Dodero		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:	32.55513		Long: -117.02487 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical fo	r this time of	f year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sl				
	-		in location	s, transcots, important rotators, etc.
Hydrophytic Vegetation Present? Yes X	_No	─ Is ti	he Sampled	Area
Hydric Soil Present? Yes X	_	— with	nin a Wetlan	d? Yes X No
Wetland Hydrology Present? Yes X	_No	_		
meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and
VEGETATION — OSC SCIENCING HARRIES OF Planta	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species
1. none				That Are OBL, FACW, or FAC:(A)
2.				Total Number of Dominant
3				Species Across All Strata: 1 (B)
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cove	er	
1. none				Prevalence Index worksheet:
				Total % Cover of: Multiply by:
3.				OBL species x 1 =
4.				FACW species x 2 =
5.				FAC species x 3 =
		= Total Cove	er	FACU species x 4 =
Herb Stratum (Plot size:)				UPL species x 5 =
Plagiobothrys acanthocarpus	1	N	OBL	Column Totals: (A)(B)
2. Rumex crispus	10	Y	FAC	Prevalence Index = B/A =
3. Erodium cicutarium	1	N	UPL	
4. Chrysanthemum coronarium	1	N	UPL	Hydrophytic Vegetation Indicators:
5. Hordeum murinum	1	N	FACU	X Dominance Test is >50%
6. Lepidium nitidum	1	N	FAC	Prevalence Index is ≤3.0¹
7				 Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
8	15	= Total Cov		
Woody Vine Stratum (Plot size:)		- Total Cov	/ei	Problematic Hydrophytic Vegetation ¹ (Explain)
1 none				¹ Indicators of hydric soil and wetland hydrology must
				be present, unless disturbed or problematic.
	0	= Total Cove	 ⊇r	Hydrophytic
0/ Dave Created in Hart Charters 05 0/ Co				Vegetation
	ver of Biotic		0	Present? Yes X No No
Remarks: Sample area is a vernal pool that receives rupredomince of hydrophytic vegetation, it does support of				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			dox Featu	ıres		_			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remark	s
0-3	10YR 4/1	95	7.5YR 5/6	5	С	M/RC	sandy loam			
3-18	10YR 5/2	100			· <u></u>		clay			
					· —— ·					
-					· —— ·		-			
							_			
			_							
							-			
							-			
 										
	oncentration, D=Depletion	-				S. ²			C=Root Channel, I	
	I Indicators: (Applic	able to all L	•		•				ematic Hydric S	Soils³:
Histoso				Redox (S5)				Иuck (A9) (
_	Epipedon (A2)			Matrix (S	,			Muck (A10)		
	Histic (A3)			Mucky Min				ed Vertic (
	jen Sulfide (A4) ed Layers (A5) (LRR (~)	x Depleted	Gleyed Ma				arent Mate (Explain in		
	luck (A9) (LRR D)	٠,		ark Surfa	•			(Explain in	(Nemarks)	
	ed Below Dark Surfac	e (A11)		d Dark Su	` '					
	Dark Surface (A12)	- ()		epression	, ,		³ Indicators	of hydroph	nytic vegetation	and
	Mucky Mineral (S1)			ools (F9)	, ,				must be prese	
Sandy	Gleyed Matrix (S4)			. ,			unless	disturbed of	or problematic.	
Restrictive	Layer (if present):									
Type:	Layor (ii procent)									
Depth (inc	ches).						Hydric Soil Pr	resent?	Yes X	No
	depleted matrix observ						,			
HYDROLO	GY									
Wetland H	ydrology Indicators						Se	condary Ir	ndicators (2 or	more required)
Primary Inc	dicators (minimum of	one required	; check all that appl	y)				Water Ma	rks (B1) (Riveri	ne)
Surface	e Water (A1)		Salt Crus	t (B11)				Sediment	Deposits (B2) (Riverine)
High W	/ater Table (A2)		X Biotic Cru	ıst (B12)				Drift Depo	sits (B3) (River	ine)
Saturat	tion (A3)		Aquatic Ir	nvertebrat	es (B13)			Drainage	Patterns (B10)	
Water	Marks (B1) (Nonriver	ine)	Hydroger	Sulfide C	odor (C1)			Dry-Seas	on Water Table	(C2)
Sedime	ent Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	=	Surface (C7)	
Drift De	eposits (B3) (Nonrive	rine)	Presence	of Reduc	ed Iron (C4	4)		Crayfish E	Burrows (C8)	
X Surface	e Soil Cracks (B6)		Recent In	on Reduct	ion in Tille	d Soils (Ce	6)	Saturation	n Visible on Aeri	al Imagery (C9)
Inunda	tion Visible on Aerial	lmagery (B7	Thin Muc	k Surface	(C7)			Shallow A	quitard (D3)	
Water-	Stained Leaves (B9)		Other (Ex	plain in R	emarks)			FAC-Neu	tral Test (D5)	
Field Obse	rvations:		<u>-</u>							
		'es	No X Depth (incl	hes).						
Water Table			No Depth (incl			_				
Saturation F		'es		hes):			and Hydrology	/ Present?	Yes X	No
	pillary fringe)		Bopai (iiioi			_	ina riyarologj	, i resent.	165 <u>X</u>	
,	corded Data (stream o	gauge, moni	toring well, aerial ph	otos, prev	ious inspe	ctions), if a	available: n/a			
	· · · ·	-	- '	-	•	**				
	though no surface wa	•	sent at the time of th	e delineat	ion, evider	nce of surf	ace soil cracks	and biotic	crusts indicate	that the area
ponds water	supports wetland hyd	rology.								

Project/Site: Southwest Village Specific Plan		City/Cour	ity: San Dieg	o, CA	_Sampling Date:	March 26, 2018
Applicant/Owner: Pardee Homes				State: CA	_Sampling Point:	56
Investigator(s): Beth Procsal, Mark Dodero Section, Township, Range: Section 31, T18S R01W						
Landform (hillslope, terrace, etc.): mesa top Local relief (concave, convex, none): concave Slope (%): 0-2						
Subregion (LRR): LRR-C Lat: 32.55506 Long: -117.02481 Datum: NAD83						n: <u>NAD83</u>
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	slopes			NWI classification	on: None	
Are climatic / hydrologic conditions on the site typical fo	r this time of	f year? Yes	X No	o(If no, explain in	Remarks.)	
Are VegetationX, _Soil, or Hydrologysignificantly disturbed? Yes Are "Normal Circumstances" present? YesX _No						
Are Vegetation, Soil, or Hydrologynaturally problematic? Yes (If needed, explain any answers in Remarks.)						
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.						
Hydrophytic Vegetation Present? Yes X	_No					
Hydric Soil Present? Yes X	No		Is the Sampled Area within a Wetland? Yes X No			
Wetland Hydrology Present? Yes X	No					
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and meets the wetland criteria. VEGETATION – Use scientific names of plants.						
	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Sp		o (A)
2				That Are OBL, FACW, o		<u>2</u> (A)
3				Total Number of Domina Species Across All Strat		2 (B)
4.				Percent of Dominant Sp	ecies	2 (B)
	-	= Total Cove	er	That Are OBL, FACW, o	or FAC: 1	00% (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index work	ksheet:	
2.				Total % Cover of:	Multip	ly by:
3.				OBL species	x 1 =	
4.				FACW species	x 2 =	
5				FAC species	x 3 =	
		= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Psilocarphus brevissimus	1	N	FACW	Column Totals:	(A)	(B)
2. Lilaea scilloides	2	N	FACU	Prevalence Inde	x = B/A =	
3. Plagiobothrys acanthocarpus		N	OBL	11 1 1 2 14 1 2		
4. Spergularia bocconi	<u>5</u>	Y	FACW FAC	Hydrophytic Vegetatio		
Rumex crispus Matricaria discoidea	1	Y	FACU	X Dominance Test is >50% Prevalence Index is ≤3.0¹		
7		N	FACU			lo ou poeting
8.				Morphological Ad data in Remark	aptations (Provid ks or on a separa	11 0 1
o	16	= Total Cov		Problematic Hydrophytic Vegetation¹ (Explain)		
Woody Vine Stratum (Plot size:)		rotal oo		i iobiematic riyun	opriyac vegetado	п (схріані)
1none				¹ Indicators of hydric so be present, unless dist		
2				be present, unless dist	dibed of problem	
0/ Page Crayed in Hark Chature 04 0/ Ca	0 = Total Cover			Hydrophytic Vegetation	V N-	
			0	Present? Ye		
Remarks: Sample area is a vernal pool that receives runoff from a relatively small local micro-watershed. In addition to the vernal pool consisting predominately of hydrophytic vegetation, it supports three vernal pool plant indicator species (Psilocarphus brevissimus, Plagiobothrys acanthocarpus, and Lilaea scilloides).						

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ıres		_			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	<u>. </u>
0-6	10YR 4/1	95	7.5YR 4/6	5	С	M/RC	clay			
6-18	10YR 4/3	100					clay			
-										
	· 									
							_			
			_							_
-										
.										
	ncentration, D=Depletion		· · · · · · · · · · · · · · · · · · ·			s. ²			=Root Channel, M	
•	I Indicators: (Application	able to all L	•		•				matic Hydric S	oils³:
Histoso				Redox (S5				Muck (A9) (I	•	
_	Epipedon (A2)			Matrix (S	,			Muck (A10)		
	listic (A3)			Mucky Min				ced Vertic (F	•	
	en Sulfide (A4) ed Layers (A5) (LRR (•\	x Depleted	Gleyed Ma				arent Mater (Explain in f		
	luck (A9) (LRR D)	•)		a Matrix (F)ark Surfa	,		Other	(Explain in i	Remarks)	
	ed Below Dark Surfac	e (A11)		d Dark Su	` '					
	Park Surface (A12)	0 (/ (/)		epression	` ,		3Indicators	of hydroph	ytic vegetation a	nd
	Mucky Mineral (S1)			ools (F9)	(- /				must be presen	
Sandy	Gleyed Matrix (S4)			` ,			unless	disturbed o	r problematic.	
Restrictive	Layer (if present):									
Type:	Layer (ii present).									
Depth (inc	shes).						Hydric Soil Pi	resent?	Yes X	No
	lepleted matrix observ						Trydric Goil F	i eserit :	163 <u>X</u>	
HYDROLO	GY									
Wetland H	ydrology Indicators:						Se	condary In	dicators (2 or m	ore required)
Primary Ind	licators (minimum of o	ne required	l; check all that appl	y)			' <u></u>		ks (B1) (Riverin	-
	e Water (A1)	•	Salt Crus					- Sediment I	Deposits (B2) (R	iverine)
	/ater Table (A2)		X Biotic Cru					_	sits (B3) (Riverin	•
	tion (A3)			nvertebrat	es (B13)			_	Patterns (B10)	,
	Marks (B1) (Nonriver	ine)	 Hydroger		` ,			_	n Water Table (C2)
	ent Deposits (B2) (No	•			eres along	Living Ro	ots (C3)	-	Surface (C7)	,
	eposits (B3) (Nonrive	•			ed Iron (C		` ′ —	_	urrows (C8)	
	e Soil Cracks (B6)	,	Recent In	on Reduct	tion in Tille	d Soils (C	<u>—</u> 6)	-	Visible on Aeria	I Imagery (C9)
Inunda	tion Visible on Aerial l	magery (B7				,	, <u> </u>	_	quitard (D3)	3 , ,
	Stained Leaves (B9)	0 , (plain in R				_	al Test (D5)	
Eigld Obser	n rationa.							_	. ,	
Field Obser Surface Wa		'oc	No. Y Donth (incl	hoe):						
Water Table			No X Depth (incl			_				
Saturation F			No Depth (incl No Depth (incl	hoe):			and Hydrology	v Procent?	Vos V	No
	pillary fringe)	es	INO Deptil (ilici	les)		_ vveua	ilia nyarology	y Fresent?	Yes X	.110
,	corded Data (stream o	gauge, mon	toring well. aerial ph	otos. prev	ious inspe	ctions). if a	available: n/a			
		,,		, p. 51		,,				
	though no surface wa	•	sent at the time of th	e delineat	tion, evider	nce of surf	ace soil cracks	s and biotic	crust indicate tha	at the area
ponds water	and supports wetland	hydrology.								

Project/Site: Southwest Village Specific Plan		City/Cour	nty: <u>San Dieg</u>	o, CA	Sampling Date: March 26, 2018
Applicant/Owner: Pardee Homes				State: CA	_Sampling Point: 57
Investigator(s): Beth Procsal, Mark Dodero		Section,	Township, R	ange: Section 31, T18S I	R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: :	32.55506		Long: <u>-117.02487</u>	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification	on: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o(If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	oed? Yes	Are "Normal Circumstance	es" present? Yes X No
Are Vegetation, Soil, or Hydrology	natura	ally problema	tic? Yes ((If needed, explain any an	swers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poi	nt locations	s, transects, importan	t features, etc.
Hydrophytic Vegetation Present? Yes X	_No			_	
Hydric Soil Present? Yes X	No		he Sampled <i>i</i> hin a Wetland	Yes	X No
Wetland Hydrology Present? Yes X	No		illi a vvetiali	u:	
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sampl	ed during the growing season and
VEGETATION – Ose scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test work	sheet:
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Sp	pecies
1. none				That Are OBL, FACW, o	
2				Total Number of Domina	
3				Species Across All Stra	(D)
4				Percent of Dominant Sp That Are OBL, FACW, of	
Ocalia (Obart Otatas (Distric		= Total Cov	er	, , , , , ,	(,
Sapling/Shrub Stratum (Plot size:) 1. none				Prevalence Index worl	rahaati
2.				Total % Cover of:	Multiply by:
				OBL species	x 1 =
				FACW species	x 2 =
5.				FAC species	x 3 =
		= Total Cov	er	FACU species	x 4 =
Herb Stratum (Plot size:				UPL species	x 5 =
Psilocarphus brevissimus	1	N	FACW	Column Totals:	
2. Rumex crispus	10	Υ	FAC	Prevalence Inde	x = B/A =
3. Spergularia bocconi	1	N	FACW	T revalence inde	X - DIN
4. Matricaria discoidea	1	N	FACU	Hydrophytic Vegetation	on Indicators:
5				X Dominance Test	is >50%
6				Prevalence Index	is ≤3.0¹
7					aptations¹ (Provide supporting
8				data in Remar	ks or on a separate sheet)
	13	= Total Co	ver	Problematic Hydr	ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				4	
1. none				'Indicators of hydric so be present, unless dist	il and wetland hydrology must
2				· · · · · · · · · · · · · · · · · · ·	and of problemate.
	0	= Total Cov	er	Hydrophytic Vegetation	
% Bare Ground in Herb Stratum 82 % Co	ver of Biotic	Crust	0		es X No
Remarks: Sample area is a vernal pool that receives ru of hydrophytic vegetation, it supports one vernal pool pla					the sample area consisting mainly
		. ,	•	,	

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	res		_	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-4	10YR 4/2	95	7.5YR 5/6	5	C	M/RC	clay	
4-18	10YR 4/2	100					clay	dark
-	-						- <u> </u>	
	_							
	_							
	_							
-	-						-	
1Tumps C=C	oncentration, D=Depletion	n DM-Dadu	and Matrix, CC-Cayaraa	Laz Castad	Cand Crain	2	l costion: DI -Doro I	ining DC-Deet Channel M-Metrix
	il Indicators: (Applic		· · · · · · · · · · · · · · · · · · ·			S.		ining, RC=Root Channel, M=Matrix. r Problematic Hydric Soils ³ :
-	`	able to all	•		•			•
— Histoso	Epipedon (A2)			edox (S5) Matrix (S6				ck (A9) (LRR C) ck (A10) (LRR B)
	Histic (A3)			/lucky Min	,			Vertic (F18)
	gen Sulfide (A4)			Sleyed Ma				ent Material (TF2)
	ed Layers (A5) (LRR	C)	x Depleted	-				(plain in Remarks)
	/luck (A9) (LRR D)	,		ark Surfac				,
	ed Below Dark Surfac	ce (A11)	Depleted	d Dark Sur	face (F7)			
	Dark Surface (A12)			epression	ıs (F8)			hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal P	ools (F9)				ydrology must be present,
Sandy	Gleyed Matrix (S4)						unless dis	turbed or problematic.
Restrictive	Layer (if present):							
Type:								
Depth (in	ches):						Hydric Soil Pres	ent? Yes X No
Remarks: (depleted matrix obser	wed						
HYDROLO	OGY							
Wetland F	lydrology Indicators	:					<u>Seco</u>	ndary Indicators (2 or more required)
Primary Inc	dicators (minimum of	one require	d; check all that apply	/)			w	ater Marks (B1) (Riverine)
Surfac	e Water (A1)		Salt Crus	t (B11)			Se	ediment Deposits (B2) (Riverine)
High V	Vater Table (A2)		Biotic Cru	st (B12)			Di	rift Deposits (B3) (Riverine)
Satura	ation (A3)		Aquatic Ir		,			rainage Patterns (B10)
Water	Marks (B1) (Nonrive	rine)	Hydrogen	Sulfide O	dor (C1)		Di	ry-Season Water Table (C2)
Sedim	ent Deposits (B2) (No	onriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)Th	nin Muck Surface (C7)
Drift D	eposits (B3) (Nonrive	erine)	Presence	of Reduc	ed Iron (C	4)	Cı	rayfish Burrows (C8)
X Surfac	e Soil Cracks (B6)				ion in Tille	d Soils (C	6)Sa	aturation Visible on Aerial Imagery (C9)
	ation Visible on Aerial	Imagery (B	, <u>—</u>		• •			nallow Aquitard (D3)
Water-	-Stained Leaves (B9)		Other (Ex	plain in Re	emarks)		F/	AC-Neutral Test (D5)
Field Obse	ervations:							
Surface Wa	ater Present?	Yes	No X Depth (inch	nes):				
Water Table			No Depth (inch			_		
Saturation I			No Depth (incl				and Hydrology P	resent? Yes X No
(includes ca	apillary fringe)			, <u> </u>				
Describe Re	ecorded Data (stream	gauge, mor	nitoring well, aerial ph	otos, prev	ious inspe	ctions), if	available: n/a	
	•	ater was pre	esent at the time of th	e delineat	ion, evider	nce of surf	ace soil cracks in	dicate that the area ponds water and
supports we	tland hydrology.							
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Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA	Sampling Date: March 2	6, 2018
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 58	
Investigator(s): Beth Procsal, Mark Dodero		Section,	Township, R	ange: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave	Slope (%): 0-	-2
Subregion (LRR): LRR-C	Lat: 3	32.55526		Long: -117.02482	Datum: NAD83	3
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification	on: None	
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology			· ·			10
Are Vegetation, Soil, or Hydrology						
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poli	nt locations	s, transects, importan	t reatures, etc.	
Hydrophytic Vegetation Present? Yes X	No					
Hydric Soil Present? Yes X	No		ne Sampled nin a Wetlan	YAS	X No	
Wetland Hydrology Present? Yes X	No	\	iiii a vvetiaii	u:		
Remarks: The majority of the vegetation on the site ha	as been distu	urbed due to	past land use	es. This feature was sample	ed during the growing seas	son and
meets the wetland criteria.			p a o c i a . i a . i a . i a	or rine reatare true earny.	ou uumig are groming oou	7011 4114
VEGETATION – Use scientific names of plants						
Trac Stratum (Diet size:	Absolute	Dominant Species?	Indicator Status	Dominance Test works		
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Sp		(4)
				That Are OBL, FACW, o	·	_(A)
3				Total Number of Domina Species Across All Strat		(B)
				Percent of Dominant Sp		_(D)
4		= Total Cove	er	That Are OBL, FACW, o	or FAC: 100%	_(A/B)
Sapling/Shrub Stratum (Plot size:)		rotal Cove	٥.			
1. none				Prevalence Index work	ksheet:	
2.				Total % Cover of:	Multiply by:	
3.				OBL species	x 1 =	
4.				FACW species		
5.				FAC species	_	
		= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
Psilocarphus brevissimus	1	N	FACW	Column Totals:	(A)	(B)
2. Rumex crispus	25	Y	FAC	Prevalence Inde	x = B/A =	
3. Lolium perenne	1	N	FAC			
4. Lythrum hyssopifolia	1	N	OBL	Hydrophytic Vegetatio	on Indicators:	
5				_X Dominance Test i	s >50%	
6				Prevalence Index	is ≤3.0¹	
7					aptations¹ (Provide suppor	
8					ks or on a separate sheet)	
	28	= Total Cov	/er	Problematic Hydro	ophytic Vegetation ¹ (Expla	in)
Woody Vine Stratum (Plot size:)						
1. none				¹ Indicators of hydric so be present, unless dist	il and wetland hydrology m	iust
2				be present, unless dist	urbed of problematic.	
	0	= Total Cove	er	Hydrophytic		
% Bare Ground in Herb Stratum 82 % Co	ver of Biotic	Crust	0	Vegetation Present? Yes	es X No	
Remarks: Sample area is a vernal pool that receives ru						-
predominately of hydrophytic vegetation, it supports one					ute vertiai pool consisting	
	•	•	. (, ,		

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	res			,		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	
0-4	10YR 3/2	98	5YR 4/6	2	С	RC/M	clay			
5-18	10YR 3/2	95	5YR 4/4			М	clay			
0 10	101110/2		011(4/4				olay			
							_			
			_							
	-						-			
	ncentration, D=Depletion					s. ²			Root Channel, M=Ma	
-	Indicators: (Application)	able to all L			•				atic Hydric Soils	·:
Histoso				edox (S5)				uck (A9) (LR		
	pipedon (A2) listic (A3)			Matrix (So Nucky Mine	,			uck (A10) (L ed Vertic (F18		
	en Sulfide (A4)			licky Milli Bleyed Ma				rent Material	•	
	d Layers (A5) (LRR (3)		Matrix (F				Explain in Re	, ,	
	uck (A9) (LRR D)	-,	x Redox D	•	,				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	d Below Dark Surfac	e (A11)	—— Depleted	Dark Sur	face (F7)					
Thick D	ark Surface (A12)	, ,		epression			³ Indicators of	of hydrophyti	c vegetation and	
Sandy M	Mucky Mineral (S1)		Vernal P	ools (F9)			wetland	hydrology m	lust be present,	
Sandy (Gleyed Matrix (S4)						unless o	listurbed or p	oroblematic.	
Restrictive	Layer (if present):									
Type:										
Depth (inc	hes):						Hydric Soil Pre	esent? Y	res X No	
Domarka: ra	edox dark surface obs	non/od								
HYDROLOG										
-	ydrology Indicators:			,					cators (2 or more	required)
	icators (minimum of o	one required		,					(B1) (Riverine)	
	e Water (A1)		Salt Crust	, ,					eposits (B2) (River	ine)
	ater Table (A2)		Biotic Cru	` ,					s (B3) (Riverine)	
	ion (A3)		Aquatic In		` ,			Drainage Pa	, ,	
	Marks (B1) (Nonriver	,	Hydrogen					-	Water Table (C2)	
	ent Deposits (B2) (No	-	Oxidized I		_	_		Thin Muck S		
	eposits (B3) (Nonrive	rine)	Presence			-		Crayfish Buri	` ,	
	e Soil Cracks (B6)		Recent Iro			d Soils (C			isible on Aerial Ima	agery (C9)
	tion Visible on Aerial I	magery (B7	, <u>—</u>		-			Shallow Aqui	, ,	
Water-S	Stained Leaves (B9)		Other (Ex	plain in Re	emarks)			FAC-Neutral	Test (D5)	
Field Obser	vations:									
Surface Wat	ter Present? Y	es	No X Depth (inch	nes):						
Water Table	Present? Y	'es	No Depth (inch	nes):						
Saturation P	resent? Y	'es	No Depth (inch	nes):		Wetla	and Hydrology	Present?	Yes X No	
(includes cap										
Describe Rec	corded Data (stream o	gauge, moni	toring well, aerial ph	otos, prev	ious inspe	ctions), if a	available: n/a			
Remarks: Alt	though no surface wa	iter was pro-	sent at the time of th	e delinesti	ion evider	nce of surf	ace soil cracks	indicate that	the area nonds w	ater and
	and hydrology.	noi was piet	Some at the time of the	o domical	on, ovider	ioc oi sull	acc son cracks	maioaio inal	area portus wa	ator and

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Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: April 6, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 59
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55491		Long: -117.02434 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology			· <u></u>	
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydric Soil Present? Yes	No X	is u	ne Sampled	YAS NO X
Wetland Hydrology Present? Yes X	No	— with	nin a Wetland	a <i>:</i> ——
Remarks: The majority of the vegetation on the site had does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and
VEGETATION – Ose scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species
1. <u>none</u>				That Are OBL, FACW, or FAC: (A)
2. 3.				Total Number of Dominant Species Across All Strata:
				Percent of Dominant Species (B)
* .		= Total Cove		That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)		rotal Gove	J1	
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species1 x 1 =1
4.				FACW species0 x 2 =0
5.				FAC species1 x 3 =3
		= Total Cove	er	FACU species13 x 4 =52
Herb Stratum (Plot size:)				UPL species 2 x 5 = 10
Plagiobothrys acanthocarpus	1	N	OBL	Column Totals:17
2. Hordeum murinum	10	Y	FACU	Prevalence Index = B/A = 3.9
3. Erodium botrys		N	FACU	
4. Malva parviflora		N	UPL	Hydrophytic Vegetation Indicators:
5. Lepidium nitidum		N	FAC	Dominance Test is >50%
6. Bromus madritensis	1	N	UPL_	Prevalence Index is ≤3.0¹
7. Mesembryanthemum nodiflorum 8.	2	N	FACU_	Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
	17	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:				
1. none				Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2				<u> </u>
W.D. 0. 11. 11. 101. 1	0	= Total Cove		Hydrophytic Vegetation
	ver of Biotic	-	0	Present? Yes No X
Remarks: Sample area is a vernal pool that receives rupredomince of hydrophytic vegetation. It does support of				

¹Type: C=Concentration, D Hydric Soil Indicators Histosol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A 1 cm Muck (A9) (LI Depleted Below Da Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if pr Type: Depth (inches): Remarks: The sampled wetland. Therefore, no service was a surface wetland. Therefore in Surface Water (A1) High Water Table (Saturation (A3)	(Applicable to all 4) (I) (LRR C) (R D) (A Surface (A11) (A12) (A12) (A12) (A13) (A14) (A15) (A15) (A16) (A16) (A17) (A17) (A18) (A	LRRs, unless other Sandy F Stripped Loamy N Loamy C Depleted Redox D Depleted Redox D Vernal F	rwise noted.) Redox (S5) d Matrix (S6) Mucky Mineral (F Gleyed Matrix (F3) Dark Surface (F6 d Dark Surface (F8) Pools (F9)	II	ndicators for Prob 1 cm Muck (A9) 2 cm Muck (A10 Reduced Vertic Red Parent Mat Other (Explain in Indicators of hydrop wetland hydrolog unless disturbed	0) (LRR B) (F18) terial (TF2) n Remarks) phytic vegetation and gy must be present,			
Hydric Soil Indicators Histosol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A2) Stratified Layers (A2) 1 cm Muck (A9) (LF Depleted Below Day Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if proceed of the sampled of the s	(Applicable to all 4) (I) (LRR C) (R D) (A Surface (A11) (A12) (A12) (A12) (A13) (A14) (A15) (A15) (A16) (A16) (A17) (A17) (A18) (A	LRRs, unless other Sandy F Stripped Loamy N Loamy C Depleted Redox D Depleted Redox D Vernal F	rwise noted.) Redox (S5) d Matrix (S6) Mucky Mineral (F Gleyed Matrix (F3) Dark Surface (F6 d Dark Surface (F8) Pools (F9)	II	ndicators for Prob 1 cm Muck (A9) 2 cm Muck (A10 Reduced Vertic Red Parent Mat Other (Explain in Indicators of hydrop wetland hydrolog unless disturbed	olematic Hydric Soils³: ((LRR C) ((LRR B) ((F18) terial (TF2) n Remarks) phytic vegetation and gy must be present, d or problematic. Yes NoX			
Hydric Soil Indicators Histosol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A 1 cm Muck (A9) (LF Depleted Below Da Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if processory) Type: Depth (inches): Remarks: The sampled wetland. Therefore, no second surface water (A1) High Water Table ((Applicable to all 4) (I) (LRR C) (R D) (A Surface (A11) (A12) (A12) (A12) (A13) (A14) (A15) (A15) (A16) (A16) (A17) (A17) (A18) (A	LRRs, unless other Sandy F Stripped Loamy N Loamy C Depleted Redox D Depleted Redox D Vernal F	rwise noted.) Redox (S5) d Matrix (S6) Mucky Mineral (F Gleyed Matrix (F3) Dark Surface (F6 d Dark Surface (F8) Pools (F9)	II	ndicators for Prob 1 cm Muck (A9) 2 cm Muck (A10 Reduced Vertic Red Parent Mat Other (Explain in Indicators of hydrop wetland hydrolog unless disturbed	olematic Hydric Soils³: ((LRR C) ((LRR B) ((F18) terial (TF2) n Remarks) phytic vegetation and gy must be present, d or problematic. Yes NoX			
Hydric Soil Indicators Histosol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A2) Stratified Layers (A2) Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if proceeding) Type: Depth (inches): Remarks: The sampled Vetland. Therefore, no second surface (Matrix) YDROLOGY Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table ((Applicable to all 4) (I) (LRR C) (R D) (A Surface (A11) (A12) (A12) (A12) (A13) (A14) (A15) (A15) (A16) (A16) (A17) (A17) (A18) (A	LRRs, unless other Sandy F Stripped Loamy N Loamy C Depleted Redox D Depleted Redox D Vernal F	rwise noted.) Redox (S5) d Matrix (S6) Mucky Mineral (F Gleyed Matrix (F3) Dark Surface (F6 d Dark Surface (F8) Pools (F9)	II	ndicators for Prob 1 cm Muck (A9) 2 cm Muck (A10 Reduced Vertic Red Parent Mat Other (Explain in Indicators of hydrop wetland hydrolog unless disturbed	olematic Hydric Soils³: ((LRR C) ((LRR B) ((F18) terial (TF2) n Remarks) phytic vegetation and gy must be present, d or problematic. Yes NoX			
Hydric Soil Indicators Histosol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A 1 cm Muck (A9) (LF Depleted Below Da Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if proceed of the second of	(Applicable to all 4) (I) (LRR C) (R D) (A Surface (A11) (A12) (A12) (A12) (A13) (A14) (A15) (A15) (A16) (A16) (A17) (A17) (A18) (A	LRRs, unless other Sandy F Stripped Loamy N Loamy C Depleted Redox D Depleted Redox D Vernal F	rwise noted.) Redox (S5) d Matrix (S6) Mucky Mineral (F Gleyed Matrix (F3) Dark Surface (F6 d Dark Surface (F8) Pools (F9)	II	ndicators for Prob 1 cm Muck (A9) 2 cm Muck (A10 Reduced Vertic Red Parent Mat Other (Explain in Indicators of hydrop wetland hydrolog unless disturbed	olematic Hydric Soils³: () (LRR C) () (LRR B) ((F18) terial (TF2) n Remarks) phytic vegetation and gy must be present, d or problematic. Yes NoX			
Hydric Soil Indicators Histosol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A 1 cm Muck (A9) (LF Depleted Below Da Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if processory) Type: Depth (inches): Remarks: The sampled wetland. Therefore, no second surface water (A1) High Water Table ((Applicable to all 4) (I) (LRR C) (R D) (A Surface (A11) (A12) (A12) (A12) (A13) (A14) (A15) (A15) (A16) (A16) (A17) (A17) (A18) (A	LRRs, unless other Sandy F Stripped Loamy N Loamy C Depleted Redox D Depleted Redox D Vernal F	rwise noted.) Redox (S5) d Matrix (S6) Mucky Mineral (F Gleyed Matrix (F3) Dark Surface (F6 d Dark Surface (F8) Pools (F9)	II	ndicators for Prob 1 cm Muck (A9) 2 cm Muck (A10 Reduced Vertic Red Parent Mat Other (Explain in Indicators of hydrop wetland hydrolog unless disturbed	olematic Hydric Soils³: () (LRR C) () (LRR B) ((F18) terial (TF2) n Remarks) phytic vegetation and gy must be present, d or problematic. Yes NoX			
Hydric Soil Indicators Histosol (A1) Histic Epipedon (A2 Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A 1 cm Muck (A9) (LF Depleted Below Da Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if processory) Type: Depth (inches): Remarks: The sampled wetland. Therefore, no second surface water (A1) High Water Table ((Applicable to all 4) (I) (LRR C) (R D) (A Surface (A11) (A12) (A12) (A12) (A13) (A14) (A15) (A15) (A16) (A16) (A17) (A17) (A18) (A	LRRs, unless other Sandy F Stripped Loamy N Loamy C Depleted Redox D Depleted Redox D Vernal F	rwise noted.) Redox (S5) d Matrix (S6) Mucky Mineral (F Gleyed Matrix (F3) Dark Surface (F6 d Dark Surface (F8) Pools (F9)	II	ndicators for Prob 1 cm Muck (A9) 2 cm Muck (A10 Reduced Vertic Red Parent Mat Other (Explain in Indicators of hydrop wetland hydrolog unless disturbed	olematic Hydric Soils³: () (LRR C) () (LRR B) ((F18) terial (TF2) n Remarks) phytic vegetation and gy must be present, d or problematic. Yes NoX			
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Black Histic (A3) Hydrogen Sulfide (A Stratified Layers (A 1 cm Muck (A9) (LF Depleted Below Da Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if pr Type: Depth (inches): Remarks: The sampled vetland. Therefore, no second surface of the property of the propert	4) b) (LRR C) R D) k Surface (A11) (A12) al (S1) x (S4) esent):	Loamy N Loamy N Loamy O Depleted Redox D Redox D Vernal F	Mucky Mineral (F Gleyed Matrix (F; d Matrix (F3) Dark Surface (F6 d Dark Surface (I Depressions (F8) Pools (F9)	2)) F7) 3 Hyd does not meet the	Reduced Vertic Red Parent Mat Other (Explain in Indicators of hydror wetland hydrolog unless disturbed Iric Soil Present?	(F18) terial (TF2) n Remarks) phytic vegetation and gy must be present, d or problematic. Yes NoX			
Stratified Layers (A 1 cm Muck (A9) (Li Depleted Below Da Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if pr Type: Depth (inches): Remarks: The sampled vetland. Therefore, no s YDROLOGY Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table ((i) (LRR C) R D) k Surface (A11) (A12) al (S1) x (S4) sent):	Depleted Redox E Depleted Redox E Vernal F	d Matrix (F3) Dark Surface (F6 d Dark Surface (I Depressions (F8) Pools (F9)	Hyd does not meet the	Other (Explain in Indicators of hydrop wetland hydrolog unless disturbed Iric Soil Present?	n Remarks) phytic vegetation and gy must be present, d or problematic. Yes NoX			
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Depleted Below Da Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if pr Type: Depth (inches): Remarks: The sampled vetland. Therefore, no s YDROLOGY Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (k Surface (A11) (A12) al (S1) x (S4) sent): area supports a pre	Depleted Redox [Vernal F	d Dark Surface (i Depressions (F8) Pools (F9)	F7) Hyd does not meet the	wetland hydrolog unless disturbed lric Soil Present?	gy must be present, I or problematic. Yes NoX			
Thick Dark Surface Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if proceeding to proceeding the sampled with the sam	(A12) al (S1) x (S4) sent): area supports a pre	Redox I Vernal F	Depressions (F8) Pools (F9) d vegetation and	Hyd does not meet the	wetland hydrolog unless disturbed lric Soil Present?	gy must be present, I or problematic. Yes NoX			
Sandy Mucky Mine Sandy Gleyed Matr Restrictive Layer (if proceedings): Depth (inches): Remarks: The sampled wetland. Therefore, no second of the sampled wetland Hydrology In Primary Indicators (minestrange Surface Water Table (inches): High Water Table (inches):	al (S1) x (S4) sent): area supports a pre	Vernal F	Pools (F9)	Hyd does not meet the	wetland hydrolog unless disturbed lric Soil Present?	gy must be present, I or problematic. Yes NoX			
Sandy Gleyed Matr Restrictive Layer (if produced from Type: Depth (inches): Remarks: The sampled wetland. Therefore, no second from Type (inches): YDROLOGY Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (inches)	sent): area supports a pre	edominance of uplanc	d vegetation and	does not meet the	unless disturbed	Yes NoX			
Restrictive Layer (if programs): Type: Depth (inches): Remarks: The sampled wetland. Therefore, no second with the sampled wetland and the sampled wetland. Therefore, no second wetland and the sampled wetland and the sampled wetland. Therefore, no second wetland and the sampled wetland wetland and the sampled wetl	sent): area supports a pre			does not meet the	Iric Soil Present?	Yes NoX			
Type: Depth (inches): Remarks: The sampled vetland. Therefore, no s YDROLOGY Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (area supports a pre			does not meet the					
Remarks: The sampled wetland. Therefore, no s YDROLOGY Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (does not meet the					
Remarks: The sampled wetland. Therefore, no s YDROLOGY Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (does not meet the					
Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (
Surface Water (A1) High Water Table (licators:				Secondary	Indicators (2 or more require			
High Water Table (mum of one require	ed; check all that appl	ly)		Water M	larks (B1) (Riverine)			
`		Salt Crus	st (B11)		Sedimer	nt Deposits (B2) (Riverine)			
Saturation (A3)	N2)	Biotic Cru	ust (B12)		Drift Dep	oosits (B3) (Riverine)			
Saturation (AS)		Aquatic I	nvertebrates (B1	3)	Drainage	e Patterns (B10)			
Water Marks (B1) (Nonriverine)	Hydroger	n Sulfide Odor (C	21)	Dry-Sea	son Water Table (C2)			
Sediment Deposits	(B2) (Nonriverine)	Oxidized	long Living Roots (0	Living Roots (C3) Thin Muck Surface (C7)					
Drift Deposits (B3)	Nonriverine)	Presence	e of Reduced Iror	n (C4)					
X Surface Soil Cracks	(B6)	Recent Ir	ron Reduction in	Tilled Soils (C6)	Saturatio	on Visible on Aerial Imagery (C			
Inundation Visible of	n Aerial Imagery (B	37) Thin Muc	ck Surface (C7)		Shallow	Aquitard (D3)			
Water-Stained Lea	es (B9)	Other (Ex	xplain in Remark	s)	FAC-Ne	utral Test (D5)			
Field Observations: Surface Water Present?	Voo	No Y Donth (incl	shoo):						
Nater Table Present?		No X Depth (inc							
		No Depth (inc		—— Wetland b	ludralami Draaant	12 Van V Na			
Saturation Present? includes capillary fringe	Yes	No Depth (inc	nes)	vveuand n	lydrology Present	!? Yes X No			
escribe Recorded Data		nitoring well, aerial ph	notos, previous ir	spections), if availa	able: n/a				
		recent at the time of th	ne delineation, ev		soil cracks indicate	that the area ponds water. Wa			
ble level and saturation				/idence of surface s	on orderto municuto	and and and pointed material and			

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: April 6, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 60
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	tange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	 32.55488	•	Long: -117.02417 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for		year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology _			· ·	
				(If needed, explain any answers in Remarks.)
				
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poli	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			_
Hydric Soil Present? Yes	No X	is u	ne Sampled nin a Wetlan	YAS NO X
Wetland Hydrology Present? Yes X	No	_ """	iii a wodan	u.
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	es. This feature was sampled during the growing season and
does not meet the wetland criteria.		·		, , ,
VECETATION II				
VEGETATION – Use scientific names of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species
1. none				That Are OBL, FACW, or FAC:0 (A)
2				Total Number of Dominant
3				Species Across All Strata:1(B)
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)
		= Total Cove	er	
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet: Total % Cover of: Multiply by:
2. 3.				OBL species 0 x 1 = 0
				FACW species 0 x 2 = 0
				FAC species 4 x 3 = 12
5		= Total Cove	 er	FACU species 10 x 4 = 40
Herb Stratum (Plot size:				UPL species 0 x 5 = 0
1. Matricaria discoidea	1	N	FACU	Column Totals:14 (A)52(B)
2. Lolium perenne	2	N	FAC	Prevalence Index = B/A = 3.7
3. Lepidium nitidum	1	N	FAC	1 Tevalence index – B/A – 6.7
4. Hordeum murinum	5	Y	FACU	Hydrophytic Vegetation Indicators:
5. Erodium botrys	2	N	FACU	Dominance Test is >50%
6. Sonchus asper	1	N	FAC	Prevalence Index is ≤3.0¹
7. Salsola tragus	1	N	FACU	Morphological Adaptations¹ (Provide supporting
8. Mesembryanthemum nodiflorum	1	N	FACU	data in Remarks or on a separate sheet)
Manda Vine Otrotore (District	14	= Total Cov	/er	Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				1
1. none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2		- Total Cause		<u> </u>
		= Total Cove	er	Hydrophytic Vegetation
% Bare Ground in Herb Stratum 86 % Co	ver of Biotic	Crust		Present? Yes No X
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro	-watershed. The sample area does not support a
predomince of hydrophytic vegetation. No ACOE vernal				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Featu	ıres					
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	
				-			_			
	· 				· ——					
							_			
					· ——		_	-		
					. ——		_			
¹ Type: C=Co	ncentration, D=Depletion	RM=Reduc	ed Matrix, CS=Covere	d or Coated	Sand Grains	s. 2	Location: PL=Pore	Lining, RC=Root	Channel, M=Matri	ix.
Hydric Soi	I Indicators: (Applica	ble to all L	RRs, unless other	wise note	ed.)				Hydric Soils3:	
Histoso	`		•	Redox (S5	•			ck (A9) (LRR (•	
	pipedon (A2)			d Matrix (S				ck (A10) (LRR	•	
_	listic (A3)			Mucky Mir	•			Vertic (F18)	,	
	en Sulfide (A4)			Gleyed Ma				ent Material (T	F2)	
Stratifie	ed Layers (A5) (LRR C	()	Deplete	d Matrix (F	3)		Other (E	xplain in Rema	rks)	
1 cm M	uck (A9) (LRR D)		Redox [Dark Surfa	ce (F6)					
	ed Below Dark Surface	e (A11)	Deplete	d Dark Su	rface (F7)					
	ark Surface (A12)			Depression	ns (F8)		³ Indicators of	hydrophytic ve	egetation and	
	Mucky Mineral (S1)		Vernal F	Pools (F9)				ydrology must	•	
Sandy	Gleyed Matrix (S4)						unless di	sturbed or prob	lematic.	
Restrictive	Layer (if present):									
Type:										
Depth (inc	ches):						Hydric Soil Pres	ent? Yes	No	Χ
	he sampled area sup						-			
HYDROLO										
· ·	ydrology Indicators:								ors (2 or more i	required)
Primary Ind	licators (minimum of o	ne required	l; check all that appl	y)				/ater Marks (B	1) (Riverine)	
Surface	e Water (A1)		Salt Crus	st (B11)			s	ediment Depos	sits (B2) (Riveri i	ne)
High W	ater Table (A2)		X Biotic Cru	ust (B12)			D	rift Deposits (E	3) (Riverine)	
Saturat	tion (A3)			nvertebrat	, ,			rainage Patter	` '	
Water I	Marks (B1) (Nonriveri	ne)		n Sulfide C				ry-Season Wa	ter Table (C2)	
Sedime	ent Deposits (B2) (Nor	rriverine)	Oxidized	Rhizosph	eres along	Living Ro	ots (C3)T	hin Muck Surfa	ice (C7)	
Drift De	eposits (B3) (Nonriver	ine)	Presence	e of Reduc	ed Iron (C4	1)	c	rayfish Burrow	s (C8)	
X Surface	e Soil Cracks (B6)		Recent Ir	on Reduc	tion in Tille	d Soils (C	6)S	aturation Visib	le on Aerial Imaç	gery (C9)
Inundat	tion Visible on Aerial Iı	magery (B7) Thin Muc	k Surface	(C7)		s	hallow Aquitar	d (D3)	
Water-9	Stained Leaves (B9)		Other (Ex	xplain in R	emarks)		F.	AC-Neutral Te	st (D5)	
Field Obser	rvations:									
Surface Wat		es	No X Depth (inc	hes).						
Water Table			No Depth (inc			_				
Saturation P			No Depth (inc				and Hydrology F	Present? Y	es X No	
	pillary fringe)		TtoBopai (ino			_ '''	ana riyarology r	resent.	<u> </u>	
	corded Data (stream g	auge, moni	toring well, aerial ph	notos, prev	ious inspe	ctions), if	available: n/a			
	, ,			•	·	,-				
	though no surface wat									
	ted within this pool. Th land hydrology. Water						•	nature tairy shr	imp indicate tha	the area
Supports well	end nvaluluav vvalet									
1		table level	and saturation are r	IOL KITOWIT	as a son pi	t was not	uug.			
]		table level	and saluration are r	IOL KITOWIT	as a soli pi	t was not	aug.			

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: April 6, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 61
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55486		Long: -117.02413 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology			· ·	
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
SOMMANT OF FINDINGS - Attach site map si	lowing sai		iit iocations	s, transects, important leatures, etc.
Hydrophytic Vegetation Present? Yes	No X	_	ne Sampled	Aroa
Hydric Soil Present? Yes	No X		nin a Wetlan	YAS NO X
Wetland Hydrology Present? Yes X	_No	_		
Remarks: The majority of the vegetation on the site ha	s been distu	urbed due to	past land use	es. This feature was sampled during the growing season and
does not meet the wetland criteria.				
VEGETATION – Use scientific names of plants				
VEGETATION – Use scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:
<u>Tree Stratum</u> (Plot size:)	% Cover		Status	Number of Dominant Species
1. <u>none</u>				That Are OBL, FACW, or FAC: 0 (A)
2				Total Number of Dominant
3				Species Across All Strata: 2 (B)
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)
Capling/Church Charture / Diet sings		= Total Cove	er	
Sapling/Shrub Stratum (Plot size:)				Prevalence Index worksheet:
1. <u>none</u> 2.				Total % Cover of: Multiply by:
				OBL species 1 x 1 = 1
				FACW species 0 x 2 = 0
5.				FAC species 1 x 3 = 3
		= Total Cove	er	FACU species 7 x 4 = 28
Herb Stratum (Plot size:				UPL species1 x 5 = 5
Plagiobothrys acanthocarpus	1	N	OBL	Column Totals:10(A)37(B)
2. Salsola tragus	1	N	FACU	Prevalence Index = B/A = 3.7
3. Lepidium nitidum	1	N	FAC	
4. Hordeum murinum	3	Y	FACU	Hydrophytic Vegetation Indicators:
5. Mesembryanthemum nodiflorum	3	Y	FACU	Dominance Test is >50%
6. Sonchus oleraceus	1	N	UPL	Prevalence Index is ≤3.0¹
7				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
8				· · · · ·
Woody Vine Stratum (Plot size:)	10	= Total Cov	/er	Problematic Hydrophytic Vegetation¹ (Explain)
·				Indicators of hydric coil and watland hydrology must
1. <u>none</u> 2.				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2		= Total Cove		
		- TOTAL COVE	5 1	Hydrophytic Vegetation
% Bare Ground in Herb Stratum90	ver of Biotic	Crust		Present? Yes No X
		relatively sma	all local micro	-watershed. It does support one vernal pool plant indicator
species (Plagiobothrys acanthocarpus). Leaf litter prese	nt.	-		

Profile Desc Depth	cription: (Describe t Matrix	o the depth ne		ent the ine		confirm	the absence of	of indicators.)
(inches)	Color (moist)	% (Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
()					, p =			
		· — —					_	
								<u> </u>
	-			·				
							_	
1- 0.0							2	
	ncentration, D=Depletio	-				IS.		ore Lining, RC=Root Channel, M=Matrix.
-	I Indicators: (Applic	able to all LRR	•		•			s for Problematic Hydric Soils ³ :
Histoso				Redox (S5)				Muck (A9) (LRR C)
	pipedon (A2)			d Matrix (S	,			Muck (A10) (LRR B)
	listic (A3)			Mucky Min				ced Vertic (F18)
	en Sulfide (A4)	_,		Gleyed Ma				Parent Material (TF2)
	d Layers (A5) (LRR	C)		ed Matrix (F	,		Other	(Explain in Remarks)
	uck (A9) (LRR D)			Dark Surfa				
	ed Below Dark Surfac	:e (А11)		d Dark Su	, ,		21	
	ark Surface (A12)			Depression	ıs (F8)			s of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal	Pools (F9)				nd hydrology must be present,
Sandy (Gleyed Matrix (S4)						unless	s disturbed or problematic.
Restrictive	Layer (if present):							
Type:			_					
Depth (inc	ches):		•				Hydric Soil P	Present? Yes No X
D T	"		·	.1 4 . 4' .		4	-44	4:
	rie sampied area sup erefore, no soil pit wa						et the hydrophy	tic vegetation standard to be considere
wettarid. Trie	ereiore, no son pit wa	is dug and riyun	ic soils are not c	onsidered	to be pies	CIII.		
HYDROLO	GY							
Wetland Hy	ydrology Indicators	:					Se	econdary Indicators (2 or more requi
	icators (minimum of		neck all that app	lv)				Water Marks (B1) (Riverine)
	e Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
	ater Table (A2)		X Biotic Cr					Drift Deposits (B3) (Riverine)
	` '			. ,	(D40)			_ ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `
	ion (A3)			nvertebrat	, ,			_ Drainage Patterns (B10)
	Marks (B1) (Nonrive	-		n Sulfide C			-	_ Dry-Season Water Table (C2)
	ent Deposits (B2) (No	-		Rhizosph	_		oots (C3)	_Thin Muck Surface (C7)
Drift De	eposits (B3) (Nonrive	erine)	Presence	e of Reduc	ed Iron (C	4)		_ Crayfish Burrows (C8)
X Surface	e Soil Cracks (B6)		Recent I	ron Reduct	tion in Tille	ed Soils (0	C6)	_Saturation Visible on Aerial Imagery (
Inundat	tion Visible on Aerial	Imagery (B7)	Thin Mu	ck Surface	(C7)			_ Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (E	xplain in R	emarks)			FAC-Neutral Test (D5)
Field Obser	n rationa :							
Surface Wat		vos No	Y Donth (inc	shoe):				
		Yes No						
Water Table		Yes No				— I		
Saturation P	resent? pillary fringe)	Yes No	Depth (inc	nes):		weti	land Hydrolog	y Present? Yes X No
	corded Data (stream	gauga monitori	ng woll, agrial n	hotos prov	ious inspo	octions) if	f available: n/a	
Describe Nec	Data (Stream	gauge, monitorii	ng well, aerial p	notos, prev	rious irispe	(CilOHS), II	i avaliabie. Ti/a	
Remarks: Alt	though no surface wa	ater was presen	t at the time of t	he delineat	tion. evide	nce of su	rface soil crack	s and biotic crusts indicate that the area
	Water table level and	•						
				-	-			

Project/Site: Southwest Village Specific Plan		City/Cou	ınty: <u>San Dieg</u> o	o, CA Sa	ampling Date: April 6, 2018
Applicant/Owner: Pardee Homes				State: CA Sa	ampling Point: 64
Investigator(s): Beth Procsal, JR Sundberg		Section	n, Township, R	ange: Section 31, T18S R01	W
Landform (hillslope, terrace, etc.): mesa top		Local re	elief (concave,	convex, none): concave	Slope (%): <u>0-2</u>
Subregion (LRR): LRR-C	Lat: 3	32.55483		_Long: <u>-117.02407</u>	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slo	opes			NWI classification:	None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	s X No	(If no, explain in Re	marks.)
Are Vegetation X, Soil , or Hydrology	signifi	cantly distur	bed? Yes A	re "Normal Circumstances" ہ	oresent? Yes X No
Are Vegetation, Soil, or Hydrology	natura	ally problema	atic? Yes (If needed, explain any answe	rs in Remarks.)
SUMMARY OF FINDINGS – Attach site map she	owing sar	mpling po	int locations	s, transects, important fe	atures, etc.
Hydrophytic Vegetation Present? Yes	No X	_	41 O II	.	
Hydric Soil Present? Yes	No X		the Sampled <i>i</i> thin a Wetland	Yes	NoX
Wetland Hydrology Present? Yes X	No	_ ""	umi a wouldne	••	
Remarks: The majority of the vegetation on the site has does not meet the wetland criteria. VEGETATION – Use scientific names of plants.		urbed due to	past land use	s. This feature was sampled o	during the growing season and
	Absolute	Dominant	Indicator	Dominance Test workshe	et:
\ \	% Cover	Species?	Status	Number of Dominant Speci	
1. none				That Are OBL, FACW, or FA	AC: <u>0</u> (A)
2. 3.				Total Number of Dominant Species Across All Strata:	4 (5)
4.				Percent of Dominant Specie	1(B)
*		= Total Cov	/or	That Are OBL, FACW, or F	
Sapling/Shrub Stratum (Plot size:)		- Total Cov	7 01		
1. none				Prevalence Index worksh	eet:
2.				Total % Cover of:	Multiply by:
3.				OBL species 0	x 1 =0
4.				FACW species0	x 2 =0
5.				FAC species 1	x 3 =3
		= Total Cov	/er	FACU species16	x 4 =64
Herb Stratum (Plot size:)				UPL species1	_ x 5 =5
1. Hordeum murinum	15	Y	FACU	Column Totals:18	(A) <u>(B)</u>
2. Mesembryanthemum nodiflorum	1	N	FACU	Prevalence Index =	B/A = <u>4</u>
3. Sonchus oleraceus	1	N	UPL TAG		" .
4. Lolium perenne	1	N	FAC	Hydrophytic Vegetation II	
5. 6.				Dominance Test is >	
7				Prevalence Index is s	ations ¹ (Provide supporting
8.					or on a separate sheet)
o	18	= Total Co	nver		ytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)		rotar oc	, voi	Froblematic Hydropii	ylic vegetation (Explain)
1 none				¹ Indicators of hydric soil ar	nd wetland hydrology must
2.				be present, unless disturbe	
		= Total Cov	/er	Hydrophytic	
				Vegetation	
% Bare Ground in Herb Stratum 82 % Cov	er of Biotic	Crust		Present? Yes_	No X
Remarks: Sample area is a vernal pool that receives rur predomince of hydrophytic vegetation. No ACOE vernal					does not support a

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Featu	ıres						
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	<u> </u>	Re	emarks	
				-	·						
					· ——						
				-							
							_				
							_				
4											
	ncentration, D=Depletion					S. ²	Location: PL=F				X.
-	I Indicators: (Applica	ble to all LR	•		•				lematic Hy	dric Soils":	
Histoso				Redox (S5)				Muck (A9)			
_	Epipedon (A2) Histic (A3)			d Matrix (S Mucky Min	,			Muck (A10 uced Vertic			
	en Sulfide (A4)			Gleyed Ma					terial (TF2)		
	ed Layers (A5) (LRR C	:)		d Matrix (F					n Remarks)		
	luck (A9) (LRR D)	,		Dark Surfa				(,		
Deplete	ed Below Dark Surface	e (A11)		d Dark Su							
Thick D	ark Surface (A12)		Redox [Depressior	ns (F8)		³ Indicato	rs of hydro	ohytic vegeta	ation and	
	Mucky Mineral (S1)		Vernal F	Pools (F9)				•	gy must be p	-	
Sandy	Gleyed Matrix (S4)						unles	s disturbed	l or problema	atic.	
Restrictive	Layer (if present):										
Type:			_								
Depth (inc	ches):						Hydric Soil	Present?	Yes	No	Χ
Remarks: T	he sampled area sup	norte a predor	minance of unland	d vegetatio	n and does	e not mee	t the hydront	vtic vegeta	tion standar	d to be cons	idered a
	erefore, no soil pit was						i ino my aropi	iyaa ragaa	tion otaniaa	u 10 50 00110	naoroa a
		,			•						
HYDROLO										_	
	ydrology Indicators:						<u>s</u>		Indicators (<u>equired)</u>
	licators (minimum of o	ne required; o							arks (B1) (R	-	
	e Water (A1)		Salt Crus				_		nt Deposits (ne)
	/ater Table (A2)		X Biotic Cru	, ,			_		oosits (B3) (F	-	
	tion (A3)		X Aquatic I		. ,		_	_	e Patterns (E	,	
	Marks (B1) (Nonriveri			n Sulfide C			_		son Water T	, ,	
l —	ent Deposits (B2) (Nor	-			eres along		ots (C3) _		ck Surface (
l —	eposits (B3) (Nonriver	ine)			ed Iron (C4	•			Burrows (Ca		/ ->
	e Soil Cracks (B6)	(- -)			tion in Tille	d Soils (C	⁶⁾ –		on Visible on	-	ery (C9)
	tion Visible on Aerial I	magery (B7)		k Surface	-		_		Aquitard (D3	-	
Water-	Stained Leaves (B9)		Other (Ex	xplain in R	emarks)		_	FAC-Ne	utral Test (D	5)	
Field Obser	rvations:										
Surface Wa			o X Depth (inc								
Water Table	Present? Ye	es No	o Depth (inc	hes):		_					
Saturation F			o Depth (inc				and Hydrolo	gy Present	? Yes_	X No	
F	pillary fringe)										
Describe Red	corded Data (stream g	auge, monito	ring well, aerial ph	notos, prev	ious inspe	ctions), if	available: n/a	а			
Remarks: Al	though no surface wat	er was nrese	nt at the time of th	ne delineat	tion the no	ol did rets	ain water ove	r the rainy s	eason and t	fairy shrimn	SIIIVAVS
	ted within this pool. Th										
	land hydrology. Water						•		, ,		
LIC Army Co.	rns of Engineers								Arid \A	lact _ Varcio	n 2 0

US Army Corps of Engineers

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA Sampling Date: March 6, 2018					
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 65					
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W					
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat: <u>3</u>	32.55483		Long: <u>-117.02403</u> Datum: <u>NAD83</u>					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: None					
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	XNo	o(If no, explain in Remarks.)					
Are Vegetation X, Soil , or Hydrology _	signifi	cantly disturb	ped? Yes	Are "Normal Circumstances" present? Yes X No					
Are Vegetation, Soil, or Hydrology	natura	ally problema	tic? Yes ((If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poi	nt locations	s, transects, important features, etc.					
Hydrophytic Vegetation Present? Yes	No X								
Hydric Soil Present? Yes	No X		he Sampled <i>i</i> hin a Wetland	Yes No X					
Wetland Hydrology Present? Yes X	No	_ ****	iiii a vvedani	4:					
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and does not meet the wetland criteria. VEGETATION – Use scientific names of plants.									
	Absolute	Dominant	Indicator	Dominance Test worksheet:					
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species					
1. <u>none</u> 2.				That Are OBL, FACW, or FAC: 0 (A)					
3			-	Total Number of Dominant Species Across All Strata: 1 (B)					
4.				Percent of Dominant Species					
		= Total Cove	er	That Are OBL, FACW, or FAC:0 (A/B)					
Sapling/Shrub Stratum (Plot size:)									
1. none				Prevalence Index worksheet:					
2.				Total % Cover of: Multiply by:					
3				OBL species 0 x 1 = 0					
4				FACW species 0 x 2 = 0					
5				FAC species 2 x 3 = 6					
, , , , , , , , , , , , , , , , , , ,		= Total Cove	er	FACU species 12 x 4 = 48					
Herb Stratum (Plot size:)	40	V	FAOLI	UPL species 0 x 5 = 0					
1. Hordeum murinum	10	Y	FACU	Column Totals:14 (A)54(B)					
Mesembryanthemum nodiflorum Lepidium nitidum	1	N	FACU FAC	Prevalence Index = B/A = 3.9					
4. Lolium perenne	1	N	FAC	Hydrophytic Vegetation Indicators:					
5. Salsola tragus	<u>'</u>	N	FACU	Dominance Test is >50%					
6				Prevalence Index is ≤3.0¹					
7				Morphological Adaptations ¹ (Provide supporting					
8.				data in Remarks or on a separate sheet)					
	14	= Total Cov	ver	Problematic Hydrophytic Vegetation ¹ (Explain)					
Woody Vine Stratum (Plot size:									
1. <u>none</u> 2.				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.					
		= Total Cove	er	Hydrophytic Vegetation					
	ver of Biotic			Present? Yes No X					
Remarks: Sample area is a vernal pool that receives rupredomince of hydrophytic vegetation. No ACOE vernal									

Profile Desc	cription: (Describe to	the depth nee	eded to docum	ent the ind	licator or	confirm t	he absen	ce of indicate	ors.)	
Depth	Matrix			edox Featu			_			
(inches)	Color (moist)	<u></u> % _ C	Color (moist)	%	Type ¹	Loc ²	Text	ure	Remarks	
	-									
<u> </u>				·			_			
							_			
¹ Type: C=Co	ncentration, D=Depletion	, RM=Reduced M	latrix, CS=Covere	ed or Coated	Sand Grains	s. ²	Location: Pl	L=Pore Lining, I	RC=Root Channel, M=	Matrix.
Hydric Soil	Indicators: (Application	able to all LRR	s, unless othe	rwise note	d.)		Indica	itors for Prob	olematic Hydric So	ils³:
Histoso	I (A1)		Sandy	Redox (S5)			1	cm Muck (A9) (LRR C)	
Histic E	pipedon (A2)		Strippe	d Matrix (S6	6)		2	cm Muck (A1	0) (LRR B)	
Black H	listic (A3)		Loamy	Mucky Mine	eral (F1)		R	educed Vertic	(F18)	
Hydroge	en Sulfide (A4)		Loamy	Gleyed Mat	rix (F2)		R	ed Parent Ma	terial (TF2)	
Stratifie	d Layers (A5) (LRR 0	S)	Deplete	ed Matrix (F	3)		01	ther (Explain i	in Remarks)	
1 cm M	uck (A9) (LRR D)			Dark Surfac	` '					
	d Below Dark Surface	e (A11)	Deplete	ed Dark Sur	face (F7)					
Thick D	ark Surface (A12)		Redox	Depression	s (F8)			-	phytic vegetation an	
Sandy I	Mucky Mineral (S1)		Vernal	Pools (F9)			we	tland hydrolo	gy must be present,	
Sandy 0	Gleyed Matrix (S4)						un	less disturbed	d or problematic.	
Restrictive	Layer (if present):									
Type:										
Depth (inc	:hes):						Hydric So	oil Present?	Yes	No X
							,		<u> </u>	
	he sampled area sup erefore, no soil pit wa						t the nyard	opnytic vegeta	ation standard to be	considered a
welland. The	ereiore, no son più was	s dug and nyun	solis are not c	orisidered t	o ne prese	iit.				
HYDROLOG	GY									
Wetland Hy	ydrology Indicators:							Secondary	Indicators (2 or mo	ore required)
· -	icators (minimum of c		eck all that app	lv)				Water M	larks (B1) (Riverine)
	e Water (A1)		Salt Crus	• /					nt Deposits (B2) (Ri v	
	ater Table (A2)		X Biotic Cr					-	posits (B3) (Riverine	
—	ion (A3)			Invertebrate	e (B13)				e Patterns (B10)	5)
	Marks (B1) (Nonriver	ino\		n Sulfide O	, ,				ison Water Table (C	2)
l —						Livina Do	ata (C2)		· ·	2)
l —	ent Deposits (B2) (No	-		Rhizosphe	_	-	ois (C3)		ck Surface (C7)	
l —	eposits (B3) (Nonrive	rine)		e of Reduce	-		_,		Burrows (C8)	
ı —	e Soil Cracks (B6)			ron Reducti		d Soils (C	6)		on Visible on Aerial	Imagery (C9)
l ——	tion Visible on Aerial I	magery (B7)		ck Surface (Aquitard (D3)	
Water-S	Stained Leaves (B9)		Other (E	xplain in Re	emarks)			FAC-Ne	utral Test (D5)	
Field Obser	vations:									
Surface Wat	ter Present? Y	es No	X Depth (inc	ches):						
Water Table			Depth (inc			_				
Saturation P		es No				— Wetla	and Hydro	logy Presen	t? Yes X I	No
l .	pillary fringe)									
	corded Data (stream o	gauge, monitorir	ng well, aerial p	hotos, previ	ous insped	ctions), if	available:	n/a		
	though no surface wa	•						•	•	
	ted within this pool. Th	•					•	nce of immat	ure fairy shrimp indi	cate that the
area supports	s wetland hydrology. \	vater table leve	and saturation	are not kn	own as a s	soli pit was	s not dug.			
110 4	· ·								A ' 1 1 A / () /	

Project/Site: Southwest Village Specific Plan	Project/Site: Southwest Village Specific Plan City/County: San Diego, CA Sampling Date: April 6, 2018										
Applicant/Owner: Pardee Homes				State:CA Sampling Poin	nt: <u>66</u>						
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W							
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave	ope (%): 0-2						
Subregion (LRR): LRR-C	Lat:	32.55481		Long: -117.02404 Date	um: NAD83						
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None							
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in Remarks.)							
Are Vegetation X, Soil , or Hydrology					es X No						
				(If needed, explain any answers in Remar							
											
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poli	nt locations	s, transects, important features, etc	C.						
Hydrophytic Vegetation Present? Yes X	_No	_ 1-41	0 1 1	A							
Hydric Soil Present? Yes X	No		he Sampled nin a Wetlan	YAS X NO							
Wetland Hydrology Present? Yes X	No	_ """	iiii a vvotiaii	u.							
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	es. This feature was sampled during the gr	rowing season and						
meets the wetland criteria.		·	•	, ,							
VEGETATION – Use scientific names of plants		Danis	locali ca Associ	Damin and a Took workshoot							
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:							
1. none				Number of Dominant Species That Are OBL, FACW, or FAC:	2 (A)						
2.				Total Number of Dominant	,						
3.				Species Across All Strata:	(B)						
4				Percent of Dominant Species	100% (A/B)						
		= Total Cove	er	That Are OBL, FACW, or FAC:	(A/B)						
Sapling/Shrub Stratum (Plot size:)											
1. <u>none</u>				Prevalence Index worksheet:							
2					tiply by:						
3											
4				1							
5											
Harb Stratum (Diet size)		= Total Cove	er	1							
Herb Stratum (Plot size:)	1	N	OBL		(B)						
1. Plagiobothrys acanthocarpus		N 	OBL	Column Totals: (A)	(в)						
Lythrum hyssopifolia Spergularia bocconi	3	Y	FACW	Prevalence Index = B/A =							
4. Hordeum murinum		N	FACU	Hydrophytic Vegetation Indicators:							
5. Juncus bufonius	1	N	FACW	X Dominance Test is >50%							
6. Lolium perenne	1	N	FAC	Prevalence Index is ≤3.0¹							
7				Morphological Adaptations ¹ (Prov	vide supporting						
8.				data in Remarks or on a sepa							
	13	= Total Cov	 /er	Problematic Hydrophytic Vegetat	tion¹ (Explain)						
Woody Vine Stratum (Plot size:				Troblematio Trydrophytic Vegetat	JOH (EXPIGIN)						
1. none				¹ Indicators of hydric soil and wetland h	nydrology must						
2.				be present, unless disturbed or proble							
		= Total Cove		Hydrophytic							
				Vegetation							
% Bare Ground in Herb Stratum 87 % Co	ver of Biotic	Crust		Present? Yes X	No						
Remarks: Sample area is a vernal pool that receives ru											
predominately of hydrophytic vegetation, it does suppor basin.	t one vernal	pool plant ind	dicator specie	ક (Plagiobothrys acanthocarpus). Leaf litt	er is present in						

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix	-	Re	edox Featu	ıres				•	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textur	re	Rem	arks
									<u> </u>	
					· ——		_			
					· ——					
							_			
1 0 0							· · · · · · · · · · · · · · · · · · ·		20 D + 0l	
	ncentration, D=Depletion,					S			RC=Root Channe	
	Indicators: (Applica	Die to all Lr							olematic Hydri	ic solis":
Histosol	` '			Redox (S5)				m Muck (A9		
	oipedon (A2)			Matrix (S				m Muck (A1		
Black Hi				Mucky Min				duced Vertic		
	en Sulfide (A4)			Gleyed Ma				d Parent Ma	, ,	
	d Layers (A5) (LRR C)		d Matrix (F	,		X Oth	er (Explain	n Remarks)	
	uck (A9) (LRR D)	(4.44)		Oark Surfa	` '					
	d Below Dark Surface	(A11)		d Dark Su			31 11 1			
	ark Surface (A12)			Depression	ıs (F8)			-	phytic vegetation	
	Mucky Mineral (S1)		Vernal F	Pools (F9)				-	gy must be pre	
Sandy G	Gleyed Matrix (S4)						unle	ss disturbed	l or problemation	C.
Restrictive L	_ayer (if present):									
Type:			_							
Depth (incl	hes):		_				Hydric Soil	Present?	Yes X	No
- · · ·										
only.	o soil pit was dug. Pei	the 1967 de	elineation manual,	nyunc son	is can be a	issumed w	men a wella	ina is domin	ated by OBL a	nd FACW species
Orliy.										
HYDROLOG	ΞY									
	drology Indicators:						9	Secondary	Indicators (2 o	or more required)
-	cators (minimum of or	ne required:	check all that anni	v)			=		larks (B1) (Riv	
	,	ic required,		,						· ·
	Water (A1)		Salt Crus	, ,			_		nt Deposits (B2	
	ater Table (A2)		X Biotic Cru	` ,			_		oosits (B3) (Riv	·
Saturation	` '			nvertebrat	` ,		_		e Patterns (B10	•
Water M	flarks (B1) (Nonriveri i	ne)	Hydroger	n Sulfide C	Odor (C1)		_	Dry-Sea	son Water Tab	ole (C2)
Sedime	nt Deposits (B2) (Non	riverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	Thin Mu	ck Surface (C7	')
Drift De	posits (B3) (Nonriver	ne)	Presence	of Reduc	ed Iron (C4	4)	_	Crayfish	Burrows (C8)	
X Surface	Soil Cracks (B6)				tion in Tille	-	6)			erial Imagery (C9)
_	ion Visible on Aerial Ir	nagery (B7)		k Surface		,	_	— Shallow	Aquitard (D3)	,
	Stained Leaves (B9)	3) ()		oplain in R			_		utral Test (D5)	
	. ,						_		(- /	
Field Observ										
Surface Water			lo <u>X</u> Depth (inc							
Water Table	Present? Ye	s N	lo Depth (inc	hes):						
Saturation Pr	resent? Ye	s N	lo Depth (inc	hes):		Wetla	and Hydrold	ogy Presen	t? Yes	XNo
(includes cap										
Describe Reco	orded Data (stream ga	auge, monito	oring well, aerial ph	notos, prev	ious inspe	ctions), if a	available: n	/a		
	hough no surface wat	•							ıc cracking indi	cate that the area
ponus water a	and supports wetland	iyurology. V	vater table level ar	ıu saturatlı	on are not	KIIOWII AS	a soli pit wa	is not aug.		

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: April 6, 2018					
Applicant/Owner: Pardee Homes State: CA Sampling Point: 67									
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W					
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat: 3	32.55477		Long: -117.02391 Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2-9 % slopes				NWI classification: None					
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)					
Are Vegetation X, Soil , or Hydrology									
Are Vegetation X, Soil , or Hydrology									
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poli	nt locations	s, transects, important features, etc.					
Hydrophytic Vegetation Present? Yes X	No	_ 1-41	0 11	A					
Hydric Soil Present? Yes X	_No		he Sampled hin a Wetlan	YAS X NO					
Wetland Hydrology Present? Yes X	_No	_ """	a rrottan	.					
Remarks: The majority of the vegetation on the site had meets the wetland criteria.	ıs been distı	urbed due to	past land use	es. This feature was sampled during the growing season and					
meets the wettand chiena.									
VEGETATION – Use scientific names of plants	 3.								
	Absolute	Dominant	Indicator	Dominance Test worksheet:					
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species					
1. none				That Are OBL, FACW, or FAC:(A)					
2				Total Number of Dominant Species Across All Strata:					
3				Percent of Dominant Species (B)					
4		= Total Cove		That Are OBL, FACW, or FAC:(A/B)					
Sapling/Shrub Stratum (Plot size:)		- Total Cove	3 1						
1. none				Prevalence Index worksheet:					
2				Total % Cover of: Multiply by:					
3.				OBL species 2 x 1 = 2					
4.				FACW species 3 x 2 = 6					
5.				FAC species 0 x 3 = 0					
		= Total Cove	er	FACU species 3 x 4 = 12					
Herb Stratum (Plot size:)				UPL species 0 x 5 = 0					
Plagiobothrys acanthocarpus	1	N	OBL	Column Totals:8 (A)(B)					
2. Spergularia bocconi	3	Y	FACW	Prevalence Index = B/A = 2.5					
3. Lythrum hyssopifolia	1	N	OBL						
4. Hordeum murinum	3	Y	FACU_	Hydrophytic Vegetation Indicators:					
5				Dominance Test is >50%					
6				X Prevalence Index is ≤3.0¹					
7. 8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)					
0.	8	= Total Cov							
Woody Vine Stratum (Plot size:		- Total Cov	/ei	Problematic Hydrophytic Vegetation ¹ (Explain)					
1 none				¹ Indicators of hydric soil and wetland hydrology must					
				be present, unless disturbed or problematic.					
		= Total Cove		Hydrophytic					
		Total Cove	J1	Hydrophytic Vegetation					
% Bare Ground in Herb Stratum92	ver of Biotic	Crust		Present? Yes X No					
Remarks: Sample area is a vernal pool that receives ru									
predominately of hydrophytic vegetation, it does suppor	t one vernal	pool plant in	dicator specie	es (Plagiobothrys acanthocarpus).					

Depth	Matrix		th needed to docum Re	edox Feat		~·····	45561106 (,	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	3
0-1	10YR 4/1	95	5YR 4/4	5	C	RC	Sandy Clay			
1-5	10YR 4/2	70					Sandy Clay	No Redo	ОХ	
1-5	10YR 4/3	30					Sandy Clay	Multiple	matrix colors	
5-18	10YR 4/3	100					Sandy Clay			
			· .							
		_					_			
							-			
1Type: C=Cen		tion DM-Dad	uced Matrix, CS=Covere	d or Coato	Sond Croins		2 Location: PL=Po	oro Lining BC-	Post Channal M	I-Motriy
			I LRRs, unless other						natic Hydric S	
Histosol		ilouble to ul		Redox (S5	•			Muck (A9) (Li	-	0110 .
	pipedon (A2)			l Matrix (S	•			Muck (A10) (L		
Black His	stic (A3)				neral (F1)		Reduc	ced Vertic (F1	8)	
Hydroge	n Sulfide (A4)		Loamy (Gleyed Ma	atrix (F2)			Parent Materia		
	l Layers (A5) (LR l	R C)		d Matrix (l	,		X Other	(Explain in R	emarks)	
	ck (A9) (LRR D)			Oark Surfa	` '					
	Below Dark Surf	ace (A11)			ırface (F7)		31			
	ark Surface (A12) lucky Mineral (S1	١		Depressio Pools (F9)					ic vegetation a nust be presen	
	ileyed Matrix (S4)	,	veillai i	100is (1 9)				disturbed or		ιι,
	.ayer (if present)						<u> </u>		•	
Type:	ayer (ii present)	•								
Depth (inch	nes).						Hydric Soil P	resent?	Yes X	No
to strong indi	cators of hydrophy	ytic vegetatio	1 inch, insufficient to r on and wetland hydrol aline conditions, or otl	ogy. This	feature is a v	ernal po	ool that is seas	onally ponded	d and may lack	
HYDROLOG	SY SY									
Wetland Hy	drology Indicato	rs:					Se	condary Indi	icators (2 or n	nore required
_			ed; check all that appl	y)				Water Marks	s (B1) (Riverin	ie)
Surface	Water (A1)		Salt Crus	t (B11)				Sediment D	eposits (B2) (F	Riverine)
High Wa	iter Table (A2)		X Biotic Cru	ıst (B12)				_ Drift Deposit	ts (B3) (Riveri	ne)
Saturation	on (A3)		Aquatic I	nvertebra	tes (B13)			_ Drainage Pa	atterns (B10)	
Water M	larks (B1) (Nonri v	/erine)	Hydroger	n Sulfide (Odor (C1)			_Dry-Season	Water Table (C2)
Sedimer	nt Deposits (B2) (I	Nonriverine)Oxidized	Rhizosph	eres along L	ving Ro	oots (C3)	_Thin Muck S	Surface (C7)	
Drift Dep	oosits (B3) (Nonri	verine)			ced Iron (C4)			_Crayfish Bui	rows (C8)	
	Soil Cracks (B6)			on Reduc	tion in Tilled	Soils (C	(6)	_Saturation V	isible on Aeria	I Imagery (C9)
Inundati	on Visible on Aeri	al Imagery (l	B7) Thin Muc	k Surface	e (C7)			_Shallow Aqu	uitard (D3)	
Water-S	tained Leaves (B	9)	Other (Ex	kplain in F	Remarks)			_FAC-Neutra	l Test (D5)	
Field Observ	ations:									
Surface Water	er Present?		No X Depth (inc			_				
Water Table	Present?		No Depth (inc			_				
Saturation Pr		Yes	No Depth (inc	hes):		Wetl	and Hydrolog	y Present?	Yes X	_No
(includes cap		m gallao ma	onitoring well, aerial ph	notos pro	vious inspost	ione) if	available: n/a			
Describe Reco	orded Data (Streat	in gauge, inc	miloring well, aerial pi	iolos, pre	vious irispeci	10115 <i>)</i> , 11	avaliable. 11/a			
Remarks: Alth	nough no surface	water was p	resent at the time of th	ne delinea	tion, evidenc	e of sur	face soil crack	s and biotic cr	usts indicate t	hat the area
ponds water a	nd supports wetla	and hydrolog	y. Water table level ar	ıd saturati	on are not kr	own as	a soil pit was	not dug.		

Project/Site: Southwest Village Specific Plan		City/Coun	ity: <u>San Dieg</u>	o, CA Sampling Date: April 6, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 68
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	 32.55468		Long: -117.02359 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	vear? Yes	X No	(If no. explain in Remarks.)
Are Vegetation X, Soil , or Hydrology _		-		
				If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	lowing sa	mpling poil	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	No			_
Hydric Soil Present? Yes X	No		ne Sampled /	Yes X NO
Wetland Hydrology Present? Yes X	No	— with	nin a Wetland	if
Remarks: The majority of the vegetation on the site ha	s been dist	urbed due to	past land use	s. This feature was sampled during the growing season and
meets the wetland criteria.	io boom diot	and a dad to	paot la la aco	o. This location was sampled dailing the growing escassificand
VEGETATION – Use scientific names of plants				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none	70 00101	_орсоюз:	Otatas	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 1 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC:100(A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species1 x 1 =1
4				FACW species4 x 2 =8
5				FAC species12 x 3 =36
		= Total Cove	er	FACU species 3 x 4 = 12
Herb Stratum (Plot size:)				UPL species0 x 5 =0
Plagiobothrys acanthocarpus	1	N	OBL	Column Totals:20 (A)57(B)
2. Lepidium latipes	1	N	FACW_	Prevalence Index = B/A = 2.9
3. Lepidium nitidum	1	N	FAC	
4. Hordeum marinum	11	Y	FAC	Hydrophytic Vegetation Indicators:
5. Erodium botrys	1	N	FACU	X Dominance Test is >50%
6. Plantago elongata	1	N	FACW	X Prevalence Index is ≤3.0¹
7. Spergularia bocconi	2	N	FACW	Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
8. Mesembryanthemum nodiflorum	2	N Total Car	FACU	, ,
Woody Vine Stratum (Plot size:)	20	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
				¹ Indicators of hydric soil and wetland hydrology must
1. none 2.				be present, unless disturbed or problematic.
2		= Total Cove		
		- Total Cove	51	Hydrophytic Vegetation
% Bare Ground in Herb Stratum 80 % Co	ver of Biotic	Crust		Present? Yes X No
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro-	
hydrophytic vegetation. It also support one vernal pool p				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	res		_	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-3	10YR 4/2	98	7.5YR 4/4	2	C	M/RC	sandy clay	redox
3-18	10YR 4/3	100					clay	no redox
	-						-	
-	-						-	
-	-						_	
	-						_	
							_	
	- '		_				- '	
¹ Type: C=Co	oncentration, D=Depletion	n, RM=Reduc	ed Matrix, CS=Covered	or Coated	Sand Grain	s. 2	Location: PL=Pore	Lining, RC=Root Channel, M=Matrix.
Hydric So	il Indicators: (Applic	able to all I	RRs, unless other	wise note	d.)		Indicators f	or Problematic Hydric Soils ³ :
Histoso	ol (A1)		Sandy R	edox (S5)			1 cm Mu	uck (A9) (LRR C)
	Epipedon (A2)			Matrix (Se	,			ıck (A10) (LRR B)
	Histic (A3)			lucky Min				d Vertic (F18)
	gen Sulfide (A4)	_`		Sleyed Ma				rent Material (TF2)
	ed Layers (A5) (LRR	C)	_x_Depleted				Other (E	xplain in Remarks)
	/luck (A9) (LRR D) ed Below Dark Surfac	· (Δ11)		ark Surfad I Dark Sur	` '			
	ed Below Dark Surfac Dark Surface (A12)	æ (ATT)		epression	` '		³ Indicators o	f hydrophytic vegetation and
	Mucky Mineral (S1)			ools (F9)	15 (1 0)			nydrology must be present,
	Gleyed Matrix (S4)			00.0 (1.0)				sturbed or problematic.
	Layer (if present):							·
Type:	Layer (ii present).							
Depth (in	ches).						Hydric Soil Pres	sent? Yes X No
	depleted matrix obsev						,	<u> </u>
HYDROLO	GY							
	lydrology Indicators							ondary Indicators (2 or more required)
l -	dicators (minimum of	one required						Vater Marks (B1) (Riverine)
	e Water (A1)		Salt Crust					Sediment Deposits (B2) (Riverine)
	Vater Table (A2)		Biotic Cru	` ,				Orift Deposits (B3) (Riverine)
	ition (A3)		Aquatic In		,			Orainage Patterns (B10)
l ——	Marks (B1) (Nonrive		Hydrogen					Ory-Season Water Table (C2)
	ent Deposits (B2) (No	-	Oxidized I	•	_	_	· · · —	Thin Muck Surface (C7)
	eposits (B3) (Nonrive	erine)	Presence		-	-		Crayfish Burrows (C8)
	e Soil Cracks (B6)	. (5)	Recent Iro			d Soils (C		Saturation Visible on Aerial Imagery (C9)
	ation Visible on Aerial	Imagery (B	<i>'</i>		• •			Shallow Aquitard (D3)
vvaler-	-Stained Leaves (B9)		Other (Ex	piain in Re	emarks)			FAC-Neutral Test (D5)
Field Obse								
			No X Depth (inch			_		
Water Table			No Depth (inch			_		
Saturation F		/es	No Depth (inch	nes):		Wetla	and Hydrology F	Present? Yes X No
— '	apillary fringe) corded Data (stream	dalide mon	itoring well serial ph	otoe prev	ioue inene	ctions) if	available: n/a	
Pescine IVE	oorded Data (Stiedill	gauge, mon	nornig well, aeliai pii	cios, piev	ious irispe	ouorio <i>j</i> , il i	avanabic. 11/a	
	•	ater was pre	sent at the time of th	e delineat	ion, evide	nce of surf	face soil cracks in	ndicate that the area ponds water and
supports we	tland hydrology.							
LIC Americ Co	arns of Engineers							Arid West - Version 2.0

US Army Corps of Engineers

Project/Site: Southwest Village Specific Plan	roject/Site: Southwest Village Specific Plan City/County: San Diego, CA Sampling Date: April 6, 2018										
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 69							
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W							
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2							
Subregion (LRR): LRR-C	Lat: 3	32.55461		Long: -117.02337 Datum: NAD83							
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None							
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)							
Are Vegetation X, Soil , or Hydrology _			·	· 							
				(If needed, explain any answers in Remarks.)							
SUMMARY OF FINDINGS – Attach site map sh											
SOMMANT OF FINDINGS - Attach site map si	lowing sai		iit iocations	s, transects, important leatures, etc.							
Hydrophytic Vegetation Present? Yes	No x		ne Sampled	Ama							
Hydric Soil Present? Yes	No x		nin a Wetland	YAS NO Y							
Wetland Hydrology Present? Yes X	_No	_									
Remarks: The majority of the vegetation on the site ha	s been distu	urbed due to	past land use	s. This feature was sampled during the growing season and							
does not meet the wetland criteria.											
VEGETATION – Use scientific names of plants											
VEGETATION — 636 36lentine names of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:							
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species							
1. none				That Are OBL, FACW, or FAC: 1 (A)							
2.				Total Number of Dominant							
3				Species Across All Strata: 3 (B) Percent of Dominant Species							
4				That Are OBL, FACW, or FAC: 33 (A/B)							
Sapling/Shrub Stratum (Plot size:)		= Total Cove	er								
1. none				Prevalence Index worksheet:							
2				Total % Cover of: Multiply by:							
				OBL species 1 x 1 = 1							
				FACW species 2 x 2 = 4							
5.				FAC species 2 x 3 = 6							
		= Total Cove	er	FACU species6 x 4 =24							
Herb Stratum (Plot size:)				UPL species0 x 5 =0							
Plagiobothrys acanthocarpus	1	N	OBL	Column Totals:11 (A)35(B)							
2. Lepidium latipes	2	Y	FACW	Prevalence Index = B/A = 3.18							
3. Lepidium nitidum	1	N	FAC								
4. Hordeum murinum	4	Y	FACU	Hydrophytic Vegetation Indicators:							
5. Erodium botrys	2	Y	FACU	Dominance Test is >50%							
6. Sonchus asper	1	N	FAC	Prevalence Index is ≤3.0¹							
7				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)							
8											
Woody Vine Stratum (Plot size:)	11	= Total Cov	/er	Problematic Hydrophytic Vegetation¹ (Explain)							
				Indicators of hydric soil and watland hydrology must							
1. <u>none</u> 2.				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.							
2		= Total Cove		Harley about							
		- Total Cove	5 1	Hydrophytic Vegetation							
% Bare Ground in Herb Stratum89	ver of Biotic	Crust		Present? Yes No x							
				-watershed. The pool does not consists predominately of							
hydrophytic vegetation, but does support one vernal po-	ol plant indic	ator species	(Plagiobothry	s acanthocarpus).							

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	. Matrix	•	Re	dox Featu	res				•	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	
0-5	10YR 3/2	100					sandy clay	no red		
5-18	10YR 4/2	100					sandy clay	no redo		
J- 10	10111 4/2						Sailuy Clay	110 1600		
							-			
	ncentration, D=Depletion					s. ² l			=Root Channel, M	
Hydric Soil	Indicators: (Applica	ble to all LR	Rs, unless other	wise note	d.)		Indicators	for Proble	matic Hydric So	oils³:
Histosol	` '			Redox (S5)				Muck (A9) (I	•	
	pipedon (A2)			Matrix (Se	,			Muck (A10)		
	istic (A3)			Aucky Min				ced Vertic (F		
	en Sulfide (A4)			Sleyed Ma				arent Mater		
	d Layers (A5) (LRR (•)		d Matrix (F	,		Other	(Explain in	remarks)	
	uck (A9) (LRR D) d Below Dark Surface	. (Δ11)		ark Surfad Dark Sur	` '					
	d Below Dark Surfac ark Surface (A12)	- (A11)		נם נו epression)	` ,		3Indicators	of hydroph	ytic vegetation a	nd
	Mucky Mineral (S1)			Pools (F9)	(1 0)				must be presen	
	Gleyed Matrix (S4)			2010 (1 0)					r problematic.	-,
							123			
Type:	Layer (if present):									
· · · —	hos):		_				Hydric Sail D	rocont?	Vos	No. v
Depth (inc	o hydric soil indicator		_				Hydric Soil Pi	resent?	Yes	No <u>x</u>
HYDROLOG	3Y									
	/drology Indicators:						So	condary In	dicators (2 or m	ore required)
_	icators (minimum of c		check all that apply	v)			<u>56</u>		ks (B1) (Riverin	
	Water (A1)	nic required,	Salt Crus					-	Deposits (B2) (R	•
	ater Table (A2)		Biotic Cru					_	sits (B3) (Riverir	•
Saturati	` '			overtebrate	e (R13)				Patterns (B10)	ie)
	Marks (B1) (Nonriver	ine)		Sulfide O	` ,			-	n Water Table (22)
	ent Deposits (B2) (No	•			eres along	Living Po	ots (C3)	-	Surface (C7)	J2)
	posits (B3) (Nonrive	•			ed Iron (C4	_		-	urrows (C8)	
_	Soil Cracks (B6)				ion in Tilled	-	6)	-	Visible on Aerial	I Imagen/ (CQ)
_	ion Visible on Aerial I	magery (R7)		k Surface		2 00119 (00		_	quitard (D3)	i iiiageiy (Ca)
	ion visible on Aeriai i Stained Leaves (B9)	mayery (D/)		k Suriace plain in Re					ral Test (D5)	
				Piairi III IX	omains)			- 1 70-Neuli	a. 1031 (DJ)	
Field Obser				,						
Surface Wat			lo X Depth (incl			_				
Water Table			lo Depth (incl			_ ı		=	.,	
Saturation P		es N	lo Depth (incl	nes):		_ Wetla	and Hydrology	y Present?	Yes X	No
(includes cap Describe Rec	อแลเท เกเตูย <i>)</i> orded Data (stream ถู	laude monito	oring well aerial ph	otos nrev	ious insper	ctions) if a	available: n/a			
2000 IDC 1 CC	Sidod Data (Strodill (aago, moniic	ang won, acriai pri	otos, piev	iodo iriopei	J. 11 6	a ranabio. 11/a			
Remarks: Alt	hough no surface wa	ter was prese	ent at the time of th	e delineat	ion, eviden	ce of surfa	ace soil cracks	s indicate th	at the area pond	s water.

Project/Site: Southwest Village Specific Plan		City/Coun	ty: San Dieg	o, CA Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 70
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top				, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:		•	Long: -117.02327 Datum: NAD83
Soil Map Unit Name: None				NWI classification: None
Are climatic / hydrologic conditions on the site typical fo	r this time of	f vear? Yes	X No	
Are Vegetation X, Soil , or Hydrology _				· · · · · · · · · · · · · · · · · · ·
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sl				
Hydrophytic Vegetation Present? Yes X	_No		a Camalad	A
Hydric Soil Present? Yes X	_No		ne Sampled nin a Wetlan	YAS X NO
Wetland Hydrology Present? Yes X	_No	_	a rrottair	.
meets the wetland criteria. VEGETATION – Use scientific names of plants				es. This feature was sampled during the growing season and
Trac Stratum (Diot size:	Absolute	Dominant Species?	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 6 (B)
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cove	er	
1. none				Prevalence Index worksheet:
				Total % Cover of: Multiply by:
2				OBL species 1 x 1 = 1
				FACW species 3 x 2 = 6
5.				FAC species 0 x 3 = 0
		= Total Cove	er	FACU species 3 x 4 = 12
Herb Stratum (Plot size:)				UPL species0 x 5 =0
Plagiobothrys acanthocarpus	1	Y	OBL	Column Totals: 7 (A) (B)
2. Lepidium latipes	1	Y	FACW	Prevalence Index = B/A = 2.7
3. Lamarckia aurea	1	Y	FACU	
4. Hordeum murinum	1	Y	FACU	Hydrophytic Vegetation Indicators:
5. Spergularia bocconi	2	Y	FACW	Dominance Test is >50%
6. Bromus hordeaceus	1	Y	FACU_	X Prevalence Index is ≤3.0¹
7				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
8		T-4-1 O		
Woody Vine Stratum (Plot size:)	7	= Total Cov	er	Problematic Hydrophytic Vegetation ¹ (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 93 % Co	ver of Biotic	: Crust		Vegetation Present? Yes X No
Remarks: Sample area is a vernal pool that receives ru	unoff from a	relatively sma	ıll local micro	-watershed. In addition to the vernal pool consisting
predominately of hydrophytic vegetation, it does support				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	res		_		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks	
0-5	10YR 3/2	95	7.5YR 5/6	5	C	M/RC	clay		
5-18	10YR 4/3	100					sandy clay	no redox	
								-	
	_						_		
							_		
	_						-		
1 0 0									
	oncentration, D=Depletion		· · · · · · · · · · · · · · · · · · ·			S		E Lining, RC=Root Channel, M=Matrix.	
_	oil Indicators: (Applic	able to all	•		•			for Problematic Hydric Soils ³ :	
	ol (A1) Epipedon (A2)			ledox (S5) Matrix (S				uck (A9) (LRR C) uck (A10) (LRR B)	
	Histic (A3)			กับaแน่ (Si ∕lucky Min	•			ed Vertic (F18)	
	gen Sulfide (A4)			Bleyed Ma				rent Material (TF2)	
	ed Layers (A5) (LRR	C)		d Matrix (F	. ,			Explain in Remarks)	
	Muck (A9) (LRR D)	,	x Redox D		•		`	,	
	ted Below Dark Surfac	ce (A11)	Depleted	d Dark Sur	face (F7)				
	Dark Surface (A12)			epression	ıs (F8)			of hydrophytic vegetation and	
	Mucky Mineral (S1)		Vernal P	ools (F9)				hydrology must be present,	
Sandy	Gleyed Matrix (S4)						unless d	listurbed or problematic.	
Restrictive	Layer (if present):								
Type: _									
Depth (in	iches):						Hydric Soil Pre	esent? Yes X No No	
	meets redox dark sur								
HYDROLO									
	Hydrology Indicators							ondary Indicators (2 or more required)	
	dicators (minimum of	one require						Water Marks (B1) (Riverine)	
	ce Water (A1)		Salt Crus	-			Sediment Deposits (B2) (Riverine)		
	Water Table (A2)		X Biotic Cru	, ,			Drift Deposits (B3) (Riverine)		
	ation (A3)			vertebrate	, ,			Drainage Patterns (B10)	
l ——	Marks (B1) (Nonrive		Hydrogen					Dry-Season Water Table (C2)	
	nent Deposits (B2) (No	,			eres along	_		Thin Muck Surface (C7)	
	Deposits (B3) (Nonrive	erine)			ed Iron (C	-		Crayfish Burrows (C8)	
	ce Soil Cracks (B6)	I(D)			ion in Tille	a Solis (C	· —	Saturation Visible on Aerial Imagery (C9)	
	ation Visible on Aerial	imagery (B	, <u>—</u>		-			Shallow Aquitard (D3)	
water	-Stained Leaves (B9)		Other (Ex	plain in Re	emarks)			FAC-Neutral Test (D5)	
Field Obse									
			No X Depth (inch			_			
Water Tabl			No Depth (inch						
Saturation		res	No Depth (inch	nes):		Wetla	and Hydrology	Present? Yes X No	
Ε'	apillary fringe)		sitaring wall agricl ph	ataa nray	iaua inana	otiona) if	available: n/a		
Describe Re	ecorded Data (stream	gauge, mor	nitoring well, aerial ph	otos, prev	ious inspe	ctions), it	avaliable: n/a		
Remarks: A	Although no surface w	ater was pre	esent at the time of th	e delineat	ion, evider	nce of surf	ace soil cracks	and biotic crusts indicate that the area	
	and supports wetland	•			•				
LIC Arms / Co	orne of Engineers							Arid West - Version 2 0	

US Army Corps of Engineers

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 71
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55452		Long: -117.02311 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s		NWI classification: None		
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				
Are Vegetation X, Soil , or Hydrology				· · · · · · · · · · · · · · · · · · ·
CLIMMA DV OF FINDINGS. Attack site man ak		malina nali	nt location	a transports immentant features at
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poli	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No x	_	0	A
Hydric Soil Present? Yes	No x	15 ti	he Sampled hin a Wetlan	YAS NO Y
Wetland Hydrology Present? Yes X	No	_ """	a rrottan	.
Remarks: The majority of the vegetation on the site ha	s been dist	urbed due to	past land use	es. This feature was sampled during the growing season and
does not meet the wetland criteria.		•	•	
VEGETATION – Use scientific names of plants				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none				Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 1 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species1 x 1 =1
4				FACW species 2 x 2 = 4
5				FACULT TO SERVICE TO S
Harle Christian (District)		= Total Cove	er	FACU species 9 x 4 = 36 UPL species 0 x 5 = 0
Herb Stratum (Plot size:)	1	N	OBL	UPL species0 x 5 =0 Column Totals: 13 (A) 44 (B)
		N	FAC	Column Totals(B)
Lepidium nitidum Erodium botrys		N	FACU	Prevalence Index = B/A = 3.4
4. Hordeum murinum	7	Y	FACU	Hydrophytic Vegetation Indicators:
5. Spergularia bocconi		N	FACW	Dominance Test is >50%
6				Prevalence Index is ≤3.0¹
				Morphological Adaptations¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	13	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:				Troblemade Hydrophydd Ydgoladai'i (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
		_		Vegetation
	ver of Biotic			Present? Yes Nox
				-watershed. While the sample area does not consist of a
predominance of hydrophytic vegetation, it does suppor	ι one vernal	pool plant in	alcator specie	es (Piagiopotnrys acantnocarpus).

Type: C=Concentration, D=Depletion, RM=Roduced Matrix, CS=Covered or Coated Sand Grains. Sucation: PL=Pore Lining, RC=Root Channel, M=Matrix, Ptydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils*: 1 om Muck (A9) (LRR B) Reduced Verto (F18) 2 om Muck (A9) (LRR B) Reduced Verto (F18) Red Parent Material (TF2) Red P	(inches)	Color (moist)	% (Color (moist)	%Type¹	Loc ²	Texture	Remarks		
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosoi (A1) Sandy Redox (S5) 1 or mMuck (A9) (LRR C) Histosoi (A1) Surpped Matrix (S6) 2 or mMuck (A9) (LRR C) Black Histic (A3) Loarny Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loarny Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loarny Gleyed Matrix (F2) Red Parent Material (T2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) X Other (Explain in Remarks) 1 orn Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F6) Depleted Below Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) Are wetland hydrology must be present, unless disturbed or problematic. Sestrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes No X Water Marks (B1) (Riverine) Surface Water (A1) Salt Crust (B12) Salt Crust (B11) Secondary Indicators (2 or more required): High Water Table (A2) Biotic Crust (B12) Salt Marks (B1) (Nonriverine) Drift Deposits (B2) (Riverine) Saltine Deposits (B2) (Nonriverine) Oxidized Rinizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Oxidized Rinizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Carayfish Burrows (C8) Surface Soil Crasks (B6) Recent from Reduction in Titled Soils (C6) Salt Burrows (C8) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Idid Observations: Under Veter Present? Yes No Depth (inches): Under Veter Present? Yes No Depth (inches): Section Redoction in Facility (F1) FAC-Neutral Test (D5) Wettand Hydrology Present? Yes No Depth (inches): Section Redoction of violence of surface soil cracks indicate that the area ponds water and emarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that)-18	10YR 4/3	100			·	sandy clay	no redox		
Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1)										
Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoscol (A1)		<u>-</u> -						_		
Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoscol (A1)		-						_		
Histosol (A1)										
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosoi (A1) Sandy Redox (S5) 1 or mMuck (A9) (LRR C) Histosoi (A1) Surpped Matrix (S6) 2 or mMuck (A9) (LRR C) Black Histic (A3) Loarny Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loarny Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loarny Gleyed Matrix (F2) Red Parent Material (T2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) X Other (Explain in Remarks) 1 orn Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F6) Depleted Below Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) Are wetland hydrology must be present, unless disturbed or problematic. Sestrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes No X Water Marks (B1) (Riverine) Surface Water (A1) Salt Crust (B12) Salt Crust (B11) Secondary Indicators (2 or more required): High Water Table (A2) Biotic Crust (B12) Salt Marks (B1) (Nonriverine) Drift Deposits (B2) (Riverine) Saltine Deposits (B2) (Nonriverine) Oxidized Rinizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Oxidized Rinizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Carayfish Burrows (C8) Surface Soil Crasks (B6) Recent from Reduction in Titled Soils (C6) Salt Burrows (C8) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Idid Observations: Under Veter Present? Yes No Depth (inches): Under Veter Present? Yes No Depth (inches): Section Redoction in Facility (F1) FAC-Neutral Test (D5) Wettand Hydrology Present? Yes No Depth (inches): Section Redoction of violence of surface soil cracks indicate that the area ponds water and emarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that	Type: C=Co	 oncentration, D=Depletion	n, RM=Reduced N	Matrix, CS=Covere	d or Coated Sand Gra	 ins. ² Lo	ocation: PL=Pore	 Lining, RC=Root Channel, M=Matrix.		
Histic Epipedon (A2) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Red Parent Material (TF2) Strattlied Layers (A5) (LRR C) Depleted Matrix (F2) Strattlied Layers (A5) (LRR C) Depleted Matrix (F3) Loamy Gleyed Matrix (F2) Strattlied Layers (A5) (LRR C) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Depleted Dark Surface (F6) Depleted Below Dark Surface (A12) Redox Depressions (F6) Sandy Mucky Mineral (F1) Thick Dark Surface (A12) Redox Depressions (F8) Vernal Pools (F9) Perpleted Below Dark Surface (A12) Sandy Mucky (Mineral (F12) Loamy Gleyed Matrix (F3) No wetland hydrology must be present, unless disturbed or problematic. Vernal Pools (F9) Pepth (Inches): Hydric Soil Present? Yes No x Water Marks: no hydric soil indicators present, lots of cobble in upper 4in VPROLOGY Weltand Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saluration (A3) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B3) (Riverine) Dirit Deposits (B3) (Riverine) Dirit Deposits (B3) (Riverine) Dirit Deposits (B3) (Riverine) Dirit Deposits (B3) (Nonriverine) Drist Deposits (B3) (Nonriverine) No water Marks (B1) (Nonriverine) Drist Deposits (B3) (Nonriverine) Presence of Reduced Interventivates (B13) Loam (B12) Sediment Deposits (B3) (Nonriverine) Dry-Season Water Table (C2) Sediment Deposits (B3) (Nonriverine) Dry-Season Water Table (C3) Sediment Deposits (B3) (Nonriverine) Dry-Season Water Table (C6) Sediment Deposits (C6) Sediment										
Black Histic (A3)	Histoso	ol (A1)		Sandy F	Redox (S5)		1 cm Mu	uck (A9) (LRR C)		
Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Tom Muck (A9) (LRR D) Depleted Below Dark Surface (A11) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Setrictive Layer (if present): Type: Depleted Dark Surface (A12) Setrictive Layer (if present): Type: Depleted Dark Surface (A12) Sandy Gleyed Matrix (S4) Setrictive Layer (if present): Type: Depth (inches): Water Marks (B1) (Riverine) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonr	Histic E	Epipedon (A2)		Stripped	d Matrix (S6)		2 cm Mu	uck (A10) (LRR B)		
Stratified Layers (A5) (LRR C)	Black I	Histic (A3)		Loamy I	Mucky Mineral (F1)		Reduce	d Vertic (F18)		
1 cm Muck (A9) (LRR D)				Loamy (Gleyed Matrix (F2)			, ,		
Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Vernal Pools (F9) Vernal			C)		, ,		X Other (E	Explain in Remarks)		
Thick Dark Surface (A12) Redox Depressions (F8) 3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Redox Depressions (F9) Vernal Pools (F9) Vernal Poo		, , , , ,			` '					
Sandy Mucky Mineral (S1)			ce (A11)		•)	0			
Sandy Gleyed Matrix (\$4) unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes No Remarks: no hydric soil indicators present, lots of cobble in upper 4in YDROLOGY Wettand Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)										
Type: Depth (inches): Hydric Soil Present? Yes No x Remarks: no hydric soil indicators present, lots of cobble in upper 4in YDROLOGY Wetland Hydrology Indicators: Secondary Indicators (2 or more required): check all that apply) Water Marks (B1) (Riverine) Surface Water (A1) Sail Crust (B11) Sediment Deposits (B2) (Riverine) High Water Table (A2) Biotic Crust (B12) Drift Deposits (B3) (Riverine) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Thin Muck Surface (C7) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C1) Induction Hydrogen Sulfide Odor (C1) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Water Table Present? Yes No Depth (inches): Wetland Hydrology Present? Yes X No Depth (inches): Secribe Recorded Data (Stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a		• , ,		Vernal F	Pools (F9)			,		
Permarks: no hydric soil indicators present, lots of cobble in upper 4in Page		Layer (if present):								
Primary Indicators (priminum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Riverine) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) X Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Wetland Hydrology Present? Yes No Depth (inches): Sedirace Water Present? Yes No Depth (inches): Secondary Indicators (2 or more required; 2 or more required; 3 or more required; 4 or more	Type:									
Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Surface Water (A2) Salt Crust (B11) Saturation (A3) Water Marks (B1) (Nonriverine) Saturation (A3) Water Marks (B1) (Nonriverine) Surface Water (B1) Saturation (B1) Water Marks (B1) (Nonriverine) Surface Water (B1) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) Water Aber Present? Yes No Depth (inches): Surface Water Present? Yes No Depth (inches): Surface Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Weterace soil cracks indicate that the area ponds water and emarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and emarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and surface water and surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and surface water and surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and surface water and surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and surface water and surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and surface water and surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and surface water was present at the time of the delineation, evidence of surface soil cracks	Depth (in	ches):					Hydric Soil Pre	sent? Yes Nox		
Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Saturation Visible on Aerial Imagery (C1) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Sediment Deposits (B3) (Nonriverine) Present? Yes No Depth (inches): Sediment Deposits (B3) (Nonriverine) Sediment Deposits (B3) (Nonriverine) Drainage Patterns (B10) Drainage Patterns (YDROLO	OGY								
Surface Water (A1)	Wetland H	lydrology Indicators	:				Seco	ondary Indicators (2 or more require		
High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Riverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Sediment Deposits (B3) (Nonriverine) Drift Deposits (B3) (Nonriverine) Dry-Season Water Table (C2) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Factorial Test (D5) Factorial Test (D5) Wetland Hydrology Present? Yes No Depth (inches): Wetland Hydrology Present? Yes X No Secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Biotic Crust (B12) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5) FAC-Neutral Test (D5) Wetland Hydrology Present? Yes X No Secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a	Primary Ind	dicators (minimum of	one required; ch	neck all that appl	y)		\	Vater Marks (B1) (Riverine)		
Saturation (A3)	Surfac	e Water (A1)		Salt Crus	st (B11)		Sediment Deposits (B2) (Riverine)			
Water Marks (B1) (Nonriverine)	High V	Vater Table (A2)		Biotic Cru	ust (B12)			Drift Deposits (B3) (Riverine)		
Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) X Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) Thin Muck Surface (C7) Other (inches): Vater Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Demarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and company to the delineation, evidence of surface soil cracks indicate that the area ponds water and company to the delineation, evidence of surface soil cracks indicate that the area ponds water and company to the delineation, evidence of surface soil cracks indicate that the area ponds water and company to the delineation, evidence of surface soil cracks indicate that the area ponds water and company to the delineation, evidence of surface soil cracks indicate that the area ponds water and company to the delineation, evidence of surface soil cracks indicate that the area ponds water and company to the delineation, evidence of surface soil cracks indicate that the area ponds water and company to the delineation, evidence of surface soil cracks indicate that the area ponds water and company to the delineation, evidence of surface soil cracks indicate that the area ponds water and company to the delineation, evidence of surface soil cracks indicate that the area ponds water and company to the delineation	Satura	tion (A3)		Aquatic I	nvertebrates (B13)			Drainage Patterns (B10)		
Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Thin Muck Surface (C7) Other (Explain in Remarks) FAC-Neutral Test (D5) Factorial Present? Yes No Depth (inches): Staturation Present? Yes No De	Water	Marks (B1) (Nonrive	rine)	Hydroger	n Sulfide Odor (C1)			Ory-Season Water Table (C2)		
X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C1) Shallow Aquitard (D3) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Secriberation Visible on Aerial Imagery (C2) Saturation Visible on Aerial Imagery (C2) Shallow Aquitard (D3) Shallow Aquitard (D3) FAC-Neutral Test (D5) Wetland Hydrology Present? Yes X No Depth (inches): Secriberation Present? Yes No Depth (inches): Secriberation	Sedim	ent Deposits (B2) (No	onriverine)	Oxidized	Rhizospheres alon	g Living Root	ts (C3)1	Thin Muck Surface (C7)		
Inundation Visible on Aerial Imagery (B7)	Drift D	eposits (B3) (Nonrive	erine)	Presence	e of Reduced Iron (C4)		Crayfish Burrows (C8)		
Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) FAC-Neutral Test (D5) FAC-Neutral Test (D5) Other (Explain in Remarks) FAC-Neutral Test (D5) Wetland Hydrology Present? Yes No	X Surfac	e Soil Cracks (B6)		Recent Ir	on Reduction in Til	ed Soils (C6)		Saturation Visible on Aerial Imagery (C		
Field Observations: Surface Water Present? Yes No Depth (inches): Vater Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches)	 Inunda	ation Visible on Aerial	Imagery (B7)	Thin Muc	k Surface (C7)			Shallow Aquitard (D3)		
Surface Water Present? Yes NoX _ Depth (inches):	Water-	-Stained Leaves (B9)		Other (Ex	kplain in Remarks)		F	FAC-Neutral Test (D5)		
Vater Table Present? Yes No Depth (inches): Baturation Present? Yes No Depth (inches): Wetland Hydrology Present? Yes X No Depth (inches): Wetland Hydrology Present? Yes X No Depth (inches):										
Saturation Present? Yes No Depth (inches): Wetland Hydrology Present? YesX _ No Depth (inches): Wetland Hydrology Present? YesX _ No Depth (inches): Bescribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Depth (inches): Bescribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Depth (inches): Bescribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Depth (inches): Bescribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Bescribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Bescribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Bescribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Bescribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Bescribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Bescribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections).		ater Present?	Yes No	X Depth (inc	hes):					
ncludes capillary fringe) escribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a emarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and										
emarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and	includes ca	apillary fringe)						Present? Yes X No		
· · · · · · · · · · · · · · · · · · ·	escribe Re	corded Data (stream	gauge, monitori	ng well, aerial ph	notos, previous insp	ections), if a	vailable: n/a			
· · · · · · · · · · · · · · · · · · ·										
pporto motivita injuitology.		•	ater was presen	t at the time of th	ne delineation, evid	ence of surfa	ce soil cracks i	ndicate that the area ponds water and		
	innorte wo									
	ipports we	liand nydrology.								

Project/Site: Southwest Village Specific Plan		City/Coun	ty: <u>San Dieg</u>	o, CA	Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes				State: CA	_Sampling Point: 72
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S I	R01W
Landform (hillslope, terrace, etc.): mesa top		Local reli	ief (concave,	convex, none): concave	Slope (%): <u>0-2</u>
Subregion (LRR): LRR-C	Lat:	32.55445		Long: -117.02290	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	slopes			NWI classification	on: None
Are climatic / hydrologic conditions on the site typical fo	or this time of	year? Yes	X No	(If no, explain in	ı Remarks.)
Are Vegetation X, Soil, or Hydrology _	signifi	cantly disturb	ed? Yes	 Are "Normal Circumstance	es" present? Yes X No
Are Vegetation, Soil, or Hydrology					
SUMMARY OF FINDINGS – Attach site map s	howing sa	mpling poir	nt locations	s, transects, importan	t features, etc.
Hydrophytic Vegetation Present? Yes	No X			_	
Hydric Soil Present? Yes	No X		ie Sampled <i>i</i> in a Wetland	Yes	No X
Wetland Hydrology Present? Yes X	No	•••••	iii a vveuaii	u:	
Remarks: The majority of the vegetation on the site h does not meet the wetland criteria. VEGETATION – Use scientific names of plant		urbed due to p	past land use	s. This feature was sampl	ed during the growing season and
Control Cont	Absolute	Dominant	Indicator	Dominance Test work	sheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Sp	pecies
1. none				That Are OBL, FACW, o	or FAC:1(A)
2.	·			Total Number of Domin	to.
3.				Species Across All Stra	(D)
4				Percent of Dominant Sp That Are OBL, FACW, of	
Cardinar/Charth Charthura (Distaire)		= Total Cove	er		, , ,
Sapling/Shrub Stratum (Plot size:) 1. none				Prevalence Index work	kahaat
2.	·			Total % Cover of:	Multiply by:
3.	·			OBL species 0	
1				FACW species 7	
5.				FAC species 1	
J		= Total Cove	er	FACU species 7	
Herb Stratum (Plot size:		10101 0010	·•		x 5 = 10
1. Lepidium latipes	1	N	FACW	Column Totals: 17	(A) 55 (B)
2. Lepidium nitidum	1	N	FAC	Daniel and a land	
3. Psilocarphus brevissimus	5	Υ	FACW	Prevalence Inde	x = B/A = 3.2
4. Erodium botrys	2	N	FACU	Hydrophytic Vegetation	on Indicators:
5. Hordeum murinum	5	Υ	FACU	Dominance Test	is >50%
6. Chrysanthemum coronarium	2	N	UPL	Prevalence Index	$c \text{ is } \le 3.0^{1}$
7. Spergularia bocconi	1	N	FACW	Morphological Ad	laptations¹ (Provide supporting
8				data in Remar	ks or on a separate sheet)
	17	= Total Cov	er	Problematic Hydr	ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)					
1. none					oil and wetland hydrology must
2				be present, unless dist	urbed or problematic.
		= Total Cove	er	Hydrophytic	
% Bare Ground in Herb Stratum83 % Co	over of Biotic	Crust		Vegetation Present?	esXNoX
Remarks: Sample area is a vernal pool that receives rule of hydrophytic vegetation, but does support one vernal basin.					

Depth	ription: (Describe to Matrix	the depth n		ent the ind dox Featu		confirm t	the absence o	of indicators.)
(inches)	Color (moist)	 _	Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
()								
							_	
							_	-
1Tumar C=Car			Matrix CC=Cayara	- Cooted	Cand Crain		21 agation: DI =Da	are Lining DC-Deet Channel M-Metrix
	Indicators: (Application)					S.		ore Lining, RC=Root Channel, M=Matrix. s for Problematic Hydric Soils³:
-		abic to all Elt						•
Histoso	` '			Redox (S5)				Muck (A9) (LRR C)
_	pipedon (A2)			Matrix (Se	,			Muck (A10) (LRR B)
	istic (A3)			Aucky Min				ced Vertic (F18)
Hydroge	en Sulfide (A4)		Loamy (Sleyed Ma	trix (F2)			Parent Material (TF2)
Stratifie	d Layers (A5) (LRR (S)	Depleted	d Matrix (F	3)		Other	(Explain in Remarks)
1 cm M	uck (A9) (LRR D)		Redox D	ark Surfac	ce (F6)			
Deplete	d Below Dark Surfac	e (A11)	Depleted	d Dark Sur	face (F7)			
Thick D	ark Surface (A12)		Redox D	epression	ıs (F8)		3Indicators	s of hydrophytic vegetation and
Sandy I	Mucky Mineral (S1)		Vernal F	Pools (F9)			wetlan	d hydrology must be present,
Sandy (Gleyed Matrix (S4)			` ,				disturbed or problematic.
								·
_	Layer (if present):							
Type:								
Depth (inc	hes):						Hydric Soil P	resent? Yes No X
Domorko: T	ho compled area our	norto a prodo	minanaa af unland	Lyogototio	n and dag	o not moo	t the budrenby	tic vegetation standard to be considered a
HYDROLO	gy .							
	/drology Indicators:	!					Se	econdary Indicators (2 or more required
_	icators (minimum of o		check all that anni	w)			<u>50</u>	Water Marks (B1) (Riverine)
	,	nie requireu, t		, ,				_ ` '` '
	Water (A1)		Salt Crus					_ Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ıst (B12)				_Drift Deposits (B3) (Riverine)
Saturat	ion (A3)		Aquatic I	nvertebrate	es (B13)			_Drainage Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydroger	Sulfide O	dor (C1)			Dry-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Livina Ro	oots (C3)	Thin Muck Surface (C7)
	posits (B3) (Nonrive	-		•	ed Iron (C	-	()	Crayfish Burrows (C8)
		· · · · · · ·			-	•	·e) —	
_	Soil Cracks (B6)	(5-1)			ion in Tille	a Solis (C	,o) <u> </u>	_ Saturation Visible on Aerial Imagery (C9)
	ion Visible on Aerial l	magery (B7)		k Surface	-			_Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	oplain in Re	emarks)			_FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		es N	o X Depth (inc	hes).				
Water Table		es N						
Saturation P		es N	o Depth (inc	nes):		_ Wetla	and Hydrolog	y Present? Yes X No
	oillary fringe)							
Describe Rec	orded Data (stream o	gauge, monito	ring well, aerial ph	otos, prev	ious inspe	ctions), if	available: n/a	
	•							s indicate that the area ponds water and
supports wetl	and hydrology. Wate	table level ar	na saturation are r	iot known	as a soil p	ıı was not	aug.	

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 73
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		 Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	 32.55445	•	Long: -117.02284 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	vear? Yes	X No	(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology _			·	·
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poil	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			_
	No X	15 11	ne Sampled . nin a Wetland	YAS NO X
Wetland Hydrology Present? Yes X	No	Witi	iiii a vvetiaiii	u: ————
Remarks: The majority of the vegetation on the site ha	ıs been distı	urbed due to	past land use	s. The vegetation and hydrology of the seasonal
depressions/vernal pools are problematic due to the se				logy restricted to the winter and vegetation to the late winter
and early spring months each year.				
VEGETATION – Use scientific names of plants		<u> </u>	1 2 4	Denvisor - Test weeks to st
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none				Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 2 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC: 50 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species 1 x 1 = 1
4				FAC species 7 x 2 = 14
5				FAC species 1 x 3 = 3 FACU species 4 x 4 = 16
Herb Stratum (Plot size:)		= Total Cove	er	UPL species 5 x 5 = 25
1. Lepidium latipes	1	N	FACW	Column Totals: 18 (A) 59 (B)
Plagiobothrys acanthocarpus	1	N	OBL	(2)
3. Psilocarphus brevissimus	5	Y	FACW	Prevalence Index = B/A = 3.3
4. Erodium botrys	1	N	FACU	Hydrophytic Vegetation Indicators:
5. Hordeum murinum	3		FACU	Dominance Test is >50%
6. Chrysanthemum coronarium	5	Υ	UPL	Prevalence Index is ≤3.0¹
7. Plantago elongata	1	N	FACW	Morphological Adaptations ¹ (Provide supporting
8. Sonchus asper	1	N	FAC	data in Remarks or on a separate sheet)
	18	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:				
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
9/ Para Cround in Harb Stratum 92 9/ Co	ver of Biotic	Cruet		Vegetation Present? Yes No X
Remarks: Sample area is a vernal pool that receives ru predomince of hydrophytic vegetation, it does support the				
Plagiobothrys acanthocarpus). Leaf litter present.		Plant III	opoolo	- (sa.p s. s

Profile Desc Depth	ription: (Describe to Matrix	the depth nee		ent the inded		confirm t	the absence of	indicators.)		
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks		
(ITICITES)	Color (moist)		zoloi (moist)		туре .	LUC	Texture			
								_		
							-	-		
							_			
							-			
¹ Type: C=Co	ncentration, D=Depletion	RM=Reduced M	latrix CS=Covere	d or Coated	Sand Grains	s 2	l ocation: PI =Por	re Lining, RC=Root Channel, M=Matrix.		
	Indicators: (Application					J.		for Problematic Hydric Soils ³ :		
_		able to all Livin						•		
Histoso				Redox (S5)				Muck (A9) (LRR C)		
_	pipedon (A2)			Matrix (Se	,			fluck (A10) (LRR B)		
	istic (A3)			Mucky Min	. ,			ed Vertic (F18)		
	en Sulfide (A4)	• `		Gleyed Ma				arent Material (TF2)		
	d Layers (A5) (LRR (هَ)		d Matrix (F	,		Other (Explain in Remarks)		
	uck (A9) (LRR D)	(4.4.4)		Dark Surfac	` '					
	d Below Dark Surfac	e (A11)		d Dark Sur			31 11 1			
	ark Surface (A12)			Depression	s (F8)			of hydrophytic vegetation and		
	Mucky Mineral (S1)		Vernal F	Pools (F9)				hydrology must be present,		
Sandy 0	Gleyed Matrix (S4)						unless	disturbed or problematic.		
Restrictive	Layer (if present):									
Type:										
Depth (inc	hes):						Hydric Soil Pre	esent? Yes No X		
							t the hydrophyt	ic vegetation standard to be considered a		
welland. The	erefore, no soil pit wa	s dug and nydri	c soils are not c	onsidered i	to be prese	ent.				
HYDROLOG	rv.									
	/drology Indicators:						Soc	condary Indicators (2 or more required)		
-			ank all that appl)						
	cators (minimum of o	one requirea; cn		,				Water Marks (B1) (Riverine)		
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)		
High W	ater Table (A2)		Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)		
Saturati	on (A3)		Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)		
Water N	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)			Dry-Season Water Table (C2)		
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	Thin Muck Surface (C7)		
	posits (B3) (Nonrive	•		of Reduce	_			Crayfish Burrows (C8)		
	Soil Cracks (B6)			on Reduct	-			Saturation Visible on Aerial Imagery (C9)		
						u Solis (C				
	ion Visible on Aerial I	magery (B7)		k Surface				Shallow Aquitard (D3)		
Water-S	Stained Leaves (B9)		Other (Ex	oplain in Re	emarks)			FAC-Neutral Test (D5)		
Field Obser	vations:									
Surface Wat		es No	X Depth (inc	hes)·						
Water Table			Depth (inc			_				
Saturation P			Depth (inc			_ ı	and Hydrology	Present? Vos V No		
(includes cap		es NO.	Deptil (inc	nes)		_ wella	and Hydrology	Present? Yes X No		
,	orded Data (stream o	nauge monitorin	ng well aerial n	notos prev	ioue inena	ctions) if	available: n/a			
Describe Nec	orded Data (Stream (gauge, monitorii	ig well, aeriai pi	iolos, prev	ious irispe	cuoris), ii d	avaliable. 11/a			
Remarks: Alt	hough no surface wa	ter was procent	at the time of the	ne delinacti	ion eviden	nce of curf	face soil cracks	indicate that the area ponds water and		
	and hydrology. Wate							mulcate that the area polius water and		
Sapporto wett	ingarology. Water	iovoi ailu	- Saturation are I	.5. 14104411	a oon pi		g.			

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 74
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	tange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top				convex, none): concave Slope (%): 0-2
· · · · · · · · · · · · · · · · · · ·	Lat: (•	Long: -117.02281 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s		02.001.0		NWI classification: None
Are climatic / hydrologic conditions on the site typical for		vear? Yes	X No	
Are Vegetation X, Soil , or Hydrology			·	
				(If needed, explain any answers in Remarks.)
Are vegetation, or rivulology		ally probl e rna	uc: 165 ((ii fieeded, explain any answers in Nemarks.)
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poi	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	_No			
Hydric Soil Present? Yes X	No		ne Sampled	YAS X NO
Wetland Hydrology Present? Yes X	 No	— with	nin a Wetlan	d? ——— ———
	e boon dieti	urbod duo to	nact land use	es. This feature was sampled during the growing season and
meets the wetland criteria.	is been dist	urbed due to	pasi ianu use	ss. This leature was sampled during the growing season and
VEGETATION - Use scientific names of plants	; .			
Taga Stratium (Diet sing)	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species
				That Are OBL, FACW, or FAC: 2 (A)
3				Total Number of Dominant Species Across All Strata: 3 (B)
				Percent of Dominant Species
T		= Total Cove	<u></u>	That Are OBL, FACW, or FAC: 67 (A/B)
Sapling/Shrub Stratum (Plot size:)		rotal Cove	٥.	
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species 1 x 1 = 1
4.				FACW species 7 x 2 = 14
5.				FAC species 0 x 3 = 0
		= Total Cove	er	FACU species6 x 4 =24
Herb Stratum (Plot size:)				UPL species 0 x 5 = 0
Spergularia bocconi	3	Y	FACW	Column Totals:14 (A)39(B)
2. Plagiobothrys acanthocarpus	1	N	OBL	Prevalence Index = B/A = 2.8
3. Psilocarphus brevissimus	2	Y	FACW	<u> </u>
4. Erodium botrys	1	N	FACU	Hydrophytic Vegetation Indicators:
5. Hordeum murinum	1	N	FACU	X Dominance Test is >50%
6. Lepidium latipes	1	N	FACW	X Prevalence Index is ≤3.0¹
7. Mesembryanthemum nodiflorum	4	Y	FACU	Morphological Adaptations¹ (Provide supporting
8. Plantago elongata	1	N	FACW	data in Remarks or on a separate sheet)
	14	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				
1. none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2				<u> </u>
		= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 86 % Co	ver of Biotic	Crust		Vegetation Present? Yes X No
Remarks: Sample area is a vernal pool that receives ru			all local micro	
predominately of hydrophytic vegetation, it does suppor	t three verna			
acanthocarpus, and Plantago elongata). Leaf litter prese	∍nt.		-	-

Depth	Matrix			x Features		_				
(inches)	Color (moist)	% C	olor (moist)	% Type	1 Loc ²	Text	ure		Remarks	
0-3	10YR 4/2	100				clay loar	m	no redox		
3-18	10YR 4/3	100				sandy cl	lay	no redox		
	-				_					
	·									
1 0 0				0 1 10 10		21 11 11		. 50 5	0 1 1	
	oncentration, D=Depletion I Indicators: (Applica				rains.			ning, RC=Root Problemation		
•	`	ible to all LKKS	•	•					•	115 .
Histoso	Epipedon (A2)		Sandy Red Stripped M					k (A9) (LRR (k (A10) (LRR		
_	Histic (A3)			cky Mineral (F1	1)			√ertic (F18)	. D)	
	en Sulfide (A4)			eyed Matrix (F2	•			nt Material (T	F2)	
	ed Layers (A5) (LRR C	;)	Depleted N		,			olain in Rema	,	
	luck (A9) (LRR D)	,		k Surface (F6)			` '		,	
Deplete	ed Below Dark Surface	e (A11)	Depleted D	oark Surface (F	7)					
Thick D	Oark Surface (A12)		Redox Dep	pressions (F8)		³ Indica	itors of h	ydrophytic ve	egetation an	nd
Sandy Mucky Mineral (S1) Vernal Pools (F9)						wetland hydrology must be present,				
Sandy	Gleyed Matrix (S4)					unl	ess dist	urbed or prob	olematic.	
Restrictive	Layer (if present):									
Type:										
Depth (inc	ches):					Hydric So	il Prese	nt? Yes	X	No
HYDROLO	GY									
	vdrology Indicators:						Secon	dary Indicate	ors (2 or me	ore required
Primary Indicators (minimum of one required; check all that apply)										
	•			311)			Wa	iter Marks (B	1) (Riverine	e)
Surface	dicators (minimum of o e Water (A1)		Salt Crust (E	,			Wa Se	nter Marks (B diment Depo	1) (Riverine sits (B2) (Ri	e) verine)
Surface High W	dicators (minimum of o e Water (A1) /ater Table (A2)		Salt Crust (E	(B12))		Wa Se Dri	ater Marks (B diment Depos ft Deposits (E	1) (Riverine sits (B2) (Ri 33) (Riverine	e) verine)
Surface High W	dicators (minimum of o e Water (A1) /ater Table (A2) tion (A3)	ne required; che	Salt Crust (E	(B12) ertebrates (B13	•		Wa Se Dri Dra	ater Marks (B diment Depos ft Deposits (E ainage Patter	1) (Riverine sits (B2) (Ri 33) (Riverin ns (B10)	e) verine) e)
Surface High W Satural	dicators (minimum of one Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonriveri	ne required; che	Salt Crust (I Biotic Crust Aquatic Inve	(B12) ertebrates (B13 sulfide Odor (C	1)	oots (C3)	Se Dri	ater Marks (B diment Depos ft Deposits (E ainage Patter /-Season Wa	1) (Riverine sits (B2) (Ri 33) (Riverin ns (B10) ter Table (C	e) verine) e)
Surface High W Satural Water	dicators (minimum of one Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonriverial cent Deposits (B2) (Nor	ne required; che ine) nriverine)	Salt Crust (I Biotic Crust Aquatic Inve Hydrogen S Oxidized Rh	(B12) ertebrates (B13 sulfide Odor (C nizospheres alo) I) ing Living R	oots (C3)	Wa Se Dri Dra Thi	ater Marks (B diment Depos ft Deposits (E ainage Patter /-Season Wa n Muck Surfa	1) (Riverine sits (B2) (Riv 33) (Riverine ns (B10) ter Table (C ace (C7)	e) verine) e)
Surface High W Satural Water Sedime	dicators (minimum of one Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonriverial pent Deposits (B2) (Nonriverial pensits (B3) (Nonriverial pensits (B3) (Nonriverial pensits (B3) (Nonriverial pensits (B3) (Nonriveria	ne required; che ine) nriverine)	Salt Crust (I Biotic Crust Aquatic Inve Hydrogen S Oxidized Rh Presence of	(B12) ertebrates (B13 sulfide Odor (C ² nizospheres alo f Reduced Iron	l) ing Living R (C4)		Wase Se Dri Dra Dra Dra Cra	ater Marks (B diment Depo: ft Deposits (E ainage Patter y-Season Wa n Muck Surfa ayfish Burrow	1) (Riverine sits (B2) (Riv 33) (Riverine ns (B10) ter Table (Cace (C7) rs (C8)	e) verine) e)
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Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: April 6, 2018
Applicant/Owner: Pardee Homes	State: CA Sampling Point: 75			
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55490		Long: -117.02284 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes	No X			_
Hydric Soil Present? Yes	No X	is u	he Sampled . hin a Wetland	YAS NO X
Wetland Hydrology Present? Yes X	No	witi	iiii a vvetiaiii	<u> </u>
Remarks: The majority of the vegetation on the site had does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and
Table 1 and	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1. none				That Are OBL, FACW, or FAC:1(A)
2. 3.				Total Number of Dominant Species Across All Strata:
				Percent of Dominant Species (B)
4.		= Total Cove		That Are OBL, FACW, or FAC:(A/B)
Sapling/Shrub Stratum (Plot size:)		- Total Cove	5 1	
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species1 x 1 =1
4.				FACW species0 x 2 =0
5.				FAC species6 x 3 =18
		= Total Cove	er	FACU species 4 x 4 = 16
Herb Stratum (Plot size:)				UPL species1 x 5 =5
Plagiobothrys acanthocarpus	1	N	OBL	Column Totals:12 (A)(B)
2. Hordeum murinum	1	N	FACU	Prevalence Index = B/A = 3.3
3. Lepidium nitidum		N	FAC	
4. Lolium perenne	5	Y	FAC	Hydrophytic Vegetation Indicators:
5. Bromus madritensis Fradium botasa	3	N 	UPL FACU	Dominance Test is >50%
6. Erodium botrys 7.				Prevalence Index is ≤3.01
8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
<u> </u>	12	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)		. 3.0.	. =-	1 Tobicinatio 1 Tydrophytic Vegetation (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
	0	= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 88 % Co	ver of Biotic	Crust	0	Vegetation Present? Yes No X
Remarks: Sample area is a vernal pool that receives ru	ınoff from a	relatively sma	all local micro	-watershed. While the sample area does not support a
				(Plagiobothrys acanthocarpus). Leaf litter is also present

Profile Desc Depth	ription: (Describe to Matrix	the depth nee		ent the inded		confirm t	the absence of	indicators.)		
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks		
(ITICITES)	Color (moist)		zoloi (moist)		туре .	LUC	Texture			
								_		
							-	-		
							_			
							-			
¹ Type: C=Co	ncentration, D=Depletion	RM=Reduced M	latrix CS=Covere	d or Coated	Sand Grains	s 2	l ocation: PI =Por	re Lining, RC=Root Channel, M=Matrix.		
	Indicators: (Application					J.		for Problematic Hydric Soils ³ :		
_		able to all Little						•		
Histoso				Redox (S5)				Muck (A9) (LRR C)		
_	pipedon (A2)			Matrix (Se	,			fluck (A10) (LRR B)		
	istic (A3)			Mucky Min	. ,			ed Vertic (F18)		
	en Sulfide (A4)	• `		Gleyed Ma				arent Material (TF2)		
	d Layers (A5) (LRR (خ)		d Matrix (F	,		Other (Explain in Remarks)		
	uck (A9) (LRR D)	(4.4.4)		Dark Surfac	` '					
	d Below Dark Surfac	e (A11)		d Dark Sur			31 11 1			
	ark Surface (A12)			Depression	s (F8)			of hydrophytic vegetation and		
	Mucky Mineral (S1)		Vernal F	Pools (F9)				hydrology must be present,		
Sandy 0	Gleyed Matrix (S4)						unless	disturbed or problematic.		
Restrictive	Layer (if present):									
Type:										
Depth (inc	hes):						Hydric Soil Pre	esent? Yes No X		
							t the hydrophyt	ic vegetation standard to be considered a		
welland. The	erefore, no soil pit wa	s dug and nydri	c soils are not c	onsidered i	to be prese	ent.				
HYDROLOG	rv.									
	/drology Indicators:						Soc	condary Indicators (2 or more required)		
-			ank all that appl)						
	cators (minimum of o	one requirea; cn		,				Water Marks (B1) (Riverine)		
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)		
High W	ater Table (A2)		Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)		
Saturati	on (A3)		Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)		
Water N	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)			Dry-Season Water Table (C2)		
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	Thin Muck Surface (C7)		
	posits (B3) (Nonrive	•		of Reduce	_			Crayfish Burrows (C8)		
	Soil Cracks (B6)			on Reduct	-			Saturation Visible on Aerial Imagery (C9)		
						u Solis (C				
	ion Visible on Aerial I	magery (B7)		k Surface				Shallow Aquitard (D3)		
Water-S	Stained Leaves (B9)		Other (Ex	oplain in Re	emarks)			FAC-Neutral Test (D5)		
Field Obser	vations:									
Surface Wat		es No	X Depth (inc	hes)·						
Water Table			Depth (inc			_				
Saturation P			Depth (inc			_ ı	and Hydrology	Present? Vos V No		
(includes cap		es NO.	Deptil (inc	nes)		_ wella	and Hydrology	Present? Yes X No		
,	orded Data (stream o	nauge monitorin	ng well aerial n	notos prev	ioue inena	ctions) if	available: n/a			
Describe Nec	orded Data (Stream (gauge, monitorii	ig well, aeriai pi	iolos, prev	ious irispe	cuoris), ii d	avaliable. 11/a			
Remarks: Alt	hough no surface wa	ter was procent	at the time of the	ne delinacti	ion eviden	nce of curf	face soil cracks	indicate that the area ponds water and		
	nough no surface wa and hydrology. Wate							mulcate that the area polius water and		
Sapporto wett	ingarology. Water	iovoi ailu	- Saturation are I	.5. 14104411	a oon pi		g.			

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: April 6, 2018			
Applicant/Owner: Pardee Homes	State: CA Sampling Point: 76						
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W			
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2			
Subregion (LRR): LRR-C	Lat: 3	32.55521		Long: -117.02340 Datum: NAD83			
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s		NWI classification: None					
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in Remarks.)			
Are Vegetation X, Soil , or Hydrology							
				(If needed, explain any answers in Remarks.)			
SUMMARY OF FINDINGS – Attach site map sh							
SUMMART OF FINDINGS - Attach site map si	lowing Sai		it iocations	s, transects, important leatures, etc.			
Hydrophytic Vegetation Present? Yes X	_No	_ le ti	ne Sampled .	Aroa			
Hydric Soil Present? Yes X	_No		nin a Wetland	YAS X NO			
Wetland Hydrology Present? Yes X	_No	_					
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and meets the wetland criteria.							
VEGETATION – Use scientific names of plants		.	1 12 4	I Bandana Tartundahadi			
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:			
1. none				Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)			
2.				Total Number of Dominant			
3.				Species Across All Strata:4 (B)			
4.				Percent of Dominant Species That Are OBL, FACW, or FAC: 50 (A/B)			
		= Total Cove	er	That Are OBL, FACW, or FAC: 50 (A/B)			
Sapling/Shrub Stratum (Plot size:)							
1. none				Prevalence Index worksheet:			
2				Total % Cover of: Multiply by:			
3				OBL species 2 x 1 = 2 FACW species 3 x 2 = 6			
4							
5		= Total Cove		FACU species			
Herb Stratum (Plot size:)		- Total Cove	51	UPL species 0 x 5 = 0			
Psilocarphus brevissimus	2	Υ	FACW	Column Totals: 12 (A) 33 (B)			
2. Plagiobothrys acanthocarpus	1	N	OBL				
3. Lythrum hyssopifolia	1	N	OBL	Prevalence Index = B/A = <u>2.75</u>			
4. Erodium botrys	2	Υ	FACU	Hydrophytic Vegetation Indicators:			
5. Lolium perenne	3	Y	FAC	Dominance Test is >50%			
6. Hordeum murinum	2	Υ	FACU	X Prevalence Index is ≤3.0¹			
7. Spergularia bocconi	1	N	FACW	Morphological Adaptations ¹ (Provide supporting			
8				data in Remarks or on a separate sheet)			
	12	= Total Cov	er er	Problematic Hydrophytic Vegetation¹ (Explain)			
Woody Vine Stratum (Plot size:)							
1. none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.			
2				<u> </u>			
	0	= Total Cove	er	Hydrophytic Vegetation			
% Bare Ground in Herb Stratum88 % Co	ver of Biotic	Crust	0	Present? Yes X No No			
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro	-watershed. In addition to the vernal pool consisting			
predominately of hydrophytic vegetation, it does suppor							
acanthocarpus).							

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix	•	Re	dox Featu	ires				-	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	<u> </u>	Remark	s
0-2	10YR 4/2	90	5YR 4/6	10	С .	PL	sandy clay			
2-18	10YR 3/3	100			·		sandy clay			
4-10	10111 3/3						Salluy Gdy	· · · · · · · · · · · · · · · · · · ·		
							_			
							· · · · · · · · · · · · · · · · · · ·			
							_			
	ncentration, D=Depletion					s. ²			C=Root Channel, N	
Hydric Soil	Indicators: (Applica	ble to all	LRRs, unless other	wise note	d.)		Indicator	rs for Proble	ematic Hydric S	Soils³:
Histosol	` '			Redox (S5)				Muck (A9) (
	pipedon (A2)			Matrix (S	,			Muck (A10)		
	istic (A3)			Mucky Min				uced Vertic (
	en Sulfide (A4)	•\		Sleyed Ma				Parent Mate		
	d Layers (A5) (LRR (•)	_x_Depleted	d Matrix (F Oark Surfa	,		Otne	r (Explain in	remarks)	
	uck (A9) (LRR D) d Below Dark Surface	- (Δ11)		d Dark Suna d Dark Su	` '					
	ark Surface (A12)	· (' \		epression	` '		³ Indicator	rs of hydronh	nytic vegetation a	and
	Mucky Mineral (S1)			Pools (F9)	()				/ must be preser	
	Gleyed Matrix (S4)			- (, 0)					or problematic.	•
	Layer (if present):								•	
Type:	Layer (ii preselli).									
· · · —	hee).						Hydric Soil F	Dresent?	Vec V	No
Depth (inc	epleted matrix observ						Hydric Soil F	ICSCIIL!	Yes X	No
HYDROLOG	3Y									
	/drology Indicators:						0	acondani In	idicators (2 or r	more required)
_	cators (minimum of c		d: check all that apply	w)			<u>3</u>		rks (B1) (Riveri i	
	,	ne require	•	,						•
	Water (A1)		Salt Crus				_		Deposits (B2) (Fiver	,
	ater Table (A2)		Biotic Cru	. ,	oo (P42)		_		sits (B3) (Riveri	ne)
Saturati	` '	ino)		nvertebrate	,		_		Patterns (B10)	(C3)
	Marks (B1) (Nonriver	•	Hydroger			Listina Da			on Water Table	(02)
_	nt Deposits (B2) (No	-		•	eres along	•	OIS (C3) _		Surface (C7)	
_	posits (B3) (Nonrive	1110)			ed Iron (C4		-		Burrows (C8)	al Imagan, (CO)
_	Soil Cracks (B6)	mages: /D			tion in Tilled	a Solis (Ci	·) _		Visible on Aeria	ai imagery (C9)
	ion Visible on Aerial I	magery (B	· —				_		quitard (D3)	
vvaler-S	Stained Leaves (B9)		Other (EX	plain in R	emarks)		_	FAC-Neut	tral Test (D5)	
Field Obser										
Surface Wat			No X Depth (incl			_				
Water Table		es								
Saturation P		es	No Depth (incl	nes):		_ Wetla	and Hydrolog	gy Present?	Yes X	_No
(includes cap		101100 =====	pitoring wall serial	otoc ===	doug in === -	otions) if	ovojlobla: "-/-	•		
Describe Kec	orded Data (stream g	auye, mor	mornig well, aerial pr	iotos, prev	ious irisped	Juoris), if a	avaliable: N/8	a		
Remarks: Alt	hough no surface wa	ter was pre	esent at the time of th	e delineat	ion, eviden	ce of surf	ace soil crack	ks indicate th	nat the area pond	ds water and
	and hydrology.	,								

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA S	ampling Date: April 4, 2018					
pplicant/Owner: Pardee Homes State: CA Sampling Point: 77										
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R0	1W					
Landform (hillslope, terrace, etc.): mesa top		 Local rel	lief (concave,	convex, none): concave	Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat: 3	 32.55901	•	Long: -117.01894	Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None						
Are climatic / hydrologic conditions on the site typical for		year? Yes	X No	(If no, explain in Re	emarks.)					
Are Vegetation X, Soil , or Hydrology				· · · · · · · · · · · · · · · · · · ·						
Are Vegetation , Soil X, or Hydrology										
										
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poli	nt locations	s, transects, important to	eatures, etc.					
Hydrophytic Vegetation Present? Yes X	_No	_ 1-41	0 11	A						
Hydric Soil Present? Yes X	No		he Sampled hin a Wetlan	Y 2QV	No					
Wetland Hydrology Present? Yes X	No	_ ****	iii a wodan	u.						
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	es. This feature was sampled	during the growing season and					
meets the wetland criteria.		'		·	0 0 0					
VEGETATION – Use scientific names of plants		Daminant	la di a atau	Dominance Test worksho	- at.					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status							
1. none				Number of Dominant Spec That Are OBL, FACW, or F						
2.				Total Number of Dominant	` '					
3				Species Across All Strata:	(B)					
4				Percent of Dominant Spec						
		= Total Cove	er	That Are OBL, FACW, or F	FAC: <u>100%</u> (A/B)					
Sapling/Shrub Stratum (Plot size:)										
1. none				Prevalence Index worksh						
2				Total % Cover of:	Multiply by:					
3				OBL species	x 1 =					
4				FACW species FAC species						
5		- Total Cause		FAC species FACU species						
Herb Stratum (Plot size:)		= Total Cove	31	UPL species	x 5 =					
1. Deinandra fasciculata	1	N	FACU	Column Totals:	(A)(B)					
Spergularia bocconi	1	N	FACW		_ ` `` ` _					
3. Matricaria discoidea	2	N	UPL	Prevalence Index =	B/A =					
4. Psilocarphus brevissimus	4	Y	FACW	Hydrophytic Vegetation I	ndicators:					
5. Plagiobothrys acanthocarpus	1	N	OBL	X Dominance Test is >	•50%					
6. Plantago elongata	4	Υ	FACW	Prevalence Index is						
7. Mesembryanthemum nodiflorum	1	N	FACU	Morphological Adapt	tations ¹ (Provide supporting					
8. Erodium botrys	1	N	FACU	data in Remarks	or on a separate sheet)					
	15	= Total Cov	/er	Problematic Hydropl	nytic Vegetation¹ (Explain)					
Woody Vine Stratum (Plot size:)										
1. <u>none</u>					nd wetland hydrology must					
2				be present, unless disturb	ped or problematic.					
		= Total Cove	er	Hydrophytic						
% Bare Ground in Herb Stratum 85 % Co	ver of Biotic	Crust		Vegetation Present? Yes	X No					
			all la sal ····!·	-						
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does suppor										
Psilocarphus brevissimus).		1 1	5630	, 5 ===., 2 ===1000	, , .ggam, and					

	Color (moist) OYr 4/3		6	Colo	r (moist)	%	Type ¹	Loc ²	Textur	re ·		Remarks	3
		10				_			sandy cla	 v			
			<u> </u>							,			
	ntration, D=Deplet							² l	ocation: PL=				
lydric Soil Ind	dicators: (Appl	icable to	o all I	LRRs, u			•			ors for Prob		lydric S	oils³:
Histosol (A1	,			-		Redox (S5	•			n Muck (A9			
Histic Epipe				-		ed Matrix (S	,			n Muck (A1		5)	
Black Histic	` '			-		Mucky Mir	` '			luced Vertic))	
Hydrogen S		3 C)		-		Gleyed Ma				l Parent Ma	`	,	
	ayers (A5) (LRF (A9) (LRR D)	(C)		-		ed Matrix (l Dark Surfa			_X_Oth	er (Explain	ın Kemark	s)	
	elow Dark Surfa	ace (Δ11	1)	-		ed Dark Su	` '						
	Surface (A12)	300 (711	,	-		Depressio	` '		3Indicate	ors of hydro	phytic vea	etation a	ınd
	ky Mineral (S1))		-		Pools (F9)				and hydrolo			
′	ed Matrix (S4)			-						ss disturbed	0,	•	,
Restrictive Lay	er (if present):												
Type:	er (ii present).												
Depth (inches)	٠١٠								Hydric Soil	Procent?	Yes	V	No
									,				
YDROLOGY													
	ology Indicator	re ·								Socondary	Indicator	s (2 or n	nore require
Primary Indicate			auiro	d: check	all that ann	alv)			3		larks (B1)		
-		il Olle let	quire	J, CHECK							, ,	•	•
X Surface Wa	,			_		ıst (B11)			_		nt Deposit		
	r Table (A2)			_		rust (B12)	too (D12)		-		oosits (B3)		ne)
Saturation (_		Invertebra			-		e Patterns		C0\
	ks (B1) (Nonriv	,	\	_		en Sulfide (, ,	, da a Da a	-		son Wate		C2)
	Deposits (B2) (N		ine)	_		•	eres along L	ving Roc	ots (C3) _		ck Surface		
Driit Depos	sits (B3) (Nonri v	verme)		_			ced Iron (C4)	Caila (CG	-	_ ′	Burrows	` '	l Imagan, (C
Curfoso Co		ما اسممه	n. /D	-			tion in Tilled	Solis (Co	·) –				l Imagery (C
Surface So		_	ry (B	′) –		ick Surface	` '		-		Aquitard (' '	
Inundation '	neu Leaves (Ds	")			_Other (E	Explain in F	ternarks)		-	FAC-NE	utral Test	(D5)	
Inundation ' Water-Stair		V	<u>x</u>	No	_Depth (in	· —	0	-					
Inundation ' Water-Stair		Yes		No	_Depth (in		0	-					
Inundation Water-Stair Field Observati Surface Water P	Present?	Yes _	<u>x</u>			ches).	0	14/04/0					
Inundation ' Water-Stair	Present? esent? ent?			No	_Depth (in			- wella	nd Hydrold	gy Presen	t? Yes	sX_	_No
Inundation Water-Stair Water-Stair Field Observati Surface Water P Water Table Presenter Saturation Presenter	Present? esent? ent? ary fringe)	Yes Yes	x		_ ` `		vious inspect				t? Yes	sX_	_No
Inundation Water-Stair Water-Stair Field Observati Surface Water P Water Table Presentation Presentation	Present? esent? ent? ary fringe)	Yes Yes	x		_ ` `		vious inspect				t? Yes	s X	_No
Inundation Water-Stair Water-Stair Field Observati Surface Water P Vater Table Pre Saturation Prese includes capillal escribe Recorde	Present? esent? ent? iry fringe) ed Data (strean	Yes Yes m gauge,	, mon	nitoring w	ell, aerial p	photos, pre		ions), if a	available: n	/a			
Inundation Water-Stair Water-Stair Water Observati Surface Water P Vater Table Presence Capilla	Present? esent? ent? iry fringe) ed Data (strean	Yes Yes m gauge,	, mon	nitoring w	ell, aerial p	photos, pre		ions), if a	available: n	/a			

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 4, 2018						
pplicant/Owner: Pardee Homes State: CA Sampling Point: 78										
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W						
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave Slope (%): 0-2						
Subregion (LRR): LRR-C	Lat: 3	32.55884		Long: -117.01886 Datum: NAD83						
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None						
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)						
Are Vegetation X, Soil , or Hydrology			·							
				(If needed, explain any answers in Remarks.)						
SUMMARY OF FINDINGS – Attach site map sh										
Hydrophytic Vegetation Present? Yes X	No									
Hydric Soil Present? Yes X	No		ne Sampled nin a Wetlan	YAS X NA						
Wetland Hydrology Present? Yes X	No	Witi	iiii a vvetiaii	u: ————						
Remarks: The majority of the vegetation on the site had meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and						
	Absolute	Dominant	Indicator	Dominance Test worksheet:						
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species						
1				That Are OBL, FACW, or FAC:5(A)						
2. 3.				Total Number of Dominant Species Across All Strata: 6 (B)						
4.				Percent of Dominant Species						
		= Total Cove	er	That Are OBL, FACW, or FAC: 83% (A/B)						
Sapling/Shrub Stratum (Plot size:)										
1				Prevalence Index worksheet:						
2				Total % Cover of: Multiply by:						
3				OBL species x 1 =						
4				FACW species x 2 =						
5				FAC species x 3 =						
		= Total Cove	er	FACU species x 4 =						
Herb Stratum (Plot size:)				UPL species x 5 =						
1. Spergularia bocconi		Y	FACW	Column Totals: (A)(B)						
2. Plagiobothrys acanthocarpus	1	Y	OBL	Prevalence Index = B/A =						
3. Psilocarphus brevissimus		Y	FACW	Lindranhytia Vanatation Indicators						
Plantago elongata Crassula aquatica		Y	— FACW OBL	Hydrophytic Vegetation Indicators:						
6. Erodium botrys		Y	FACU	X Dominance Test is >50% Prevalence Index is ≤3.0¹						
7				Morphological Adaptations ¹ (Provide supporting						
8.				data in Remarks or on a separate sheet)						
<u> </u>	7	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)						
Woody Vine Stratum (Plot size:		. 510 55		Troblematic Hydrophytic Vegetation (Explain)						
1				¹ Indicators of hydric soil and wetland hydrology must						
2.				be present, unless disturbed or problematic.						
		= Total Cove	er	Hydrophytic						
	ver of Biotic			Vegetation Present? Yes X No						
				b-watershed. In addition to the vernal pool consisting es (Psilocarphus brevissimus, Plagiobothrys acanthocarpus,						
Crassula aquatica, and Plantago elongata).										

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	res		_	
(inches)	Color (moist)	%	Color (moist)	%	_Type ¹	Loc ²	Texture	Remarks
0-4	10YR 4/2	95	7.5YR 5/5	5	C	RC	clay	redox in top 4"
4-18	10YR 4/3	100					clay	
-	-			-				
								-
								_
¹ Type: C=Ce	 — — — — — — — — — — — — — — — — — — —	. ——— n, RM=Redu	ced Matrix, CS=Covered	d or Coated	Sand Grains	s. ²	Location: PL=Pore	Lining, RC=Root Channel, M=Matrix.
Hydric So	il Indicators: (Applic	able to all	LRRs, unless other	wise note	d.)		Indicators fo	or Problematic Hydric Soils ³ :
Histos	ol (A1)		Sandy F	Redox (S5)	1		1 cm Mu	ck (A9) (LRR C)
Histic I	Epipedon (A2)		Stripped	Matrix (S	6)		2 cm Mu	ck (A10) (LRR B)
	Histic (A3)			Mucky Min				l Vertic (F18)
	gen Sulfide (A4)			Gleyed Ma	. ,			ent Material (TF2)
	ed Layers (A5) (LRR	C)		d Matrix (F	,		Other (E	xplain in Remarks)
l —	/luck (A9) (LRR D) ed Below Dark Surfac	ο (Λ11)		ark Surfa d Dark Sur	` '			
	ed below Dark Surfac Dark Surface (A12)	æ (ATT)	x Redox D		` '		³ Indicators of	hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)	13 (1 0)			nydrology must be present,
	Gleyed Matrix (S4)		00.0 (. 0)				sturbed or problematic.	
	Layer (if present):						·	
Type:	Layer (ii present).							
Depth (in	ches).						Hydric Soil Pres	sent? Yes X No
	redox depressions ob						1.,,	
HYDROLO)GY							
	lydrology Indicators						<u>Seco</u>	ndary Indicators (2 or more required)
Primary In	dicators (minimum of	one require						Vater Marks (B1) (Riverine)
	e Water (A1)		Salt Crus	. ,				ediment Deposits (B2) (Riverine)
	Vater Table (A2)		Biotic Cru	. ,				prift Deposits (B3) (Riverine)
	ation (A3)		X Aquatic Ir					Prainage Patterns (B10)
l —	Marks (B1) (Nonrive			Sulfide C				Pry-Season Water Table (C2)
l —	ent Deposits (B2) (No	-			eres along		· · · —	hin Muck Surface (C7)
l —	eposits (B3) (Nonrive	erine)			ed Iron (C4	•		crayfish Burrows (C8)
	e Soil Cracks (B6) ation Visible on Aerial	Imagan, (P			ion in Tille	a Solis (C		aturation Visible on Aerial Imagery (C9)
	-Stained Leaves (B9)	iiiageiy (b	<i>'</i>	k Surface plain in R				hallow Aquitard (D3) AC-Neutral Test (D5)
				piairi ii i v	omano,		'	AO-Neutral Test (Do)
Field Obse			N. V. Daniel Carel	\				
			No X Depth (incl			-		
Water Table			No Depth (incl			_	al I b. alma I a an . F	0
Saturation I	Present? apillary fringe)	res	No Depth (incl	nes):		_ wetia	and Hydrology F	Present? Yes X No
Ε'	corded Data (stream	gauge, mor	nitoring well, aerial ph	otos, prev	ious inspe	ctions). if	available: n/a	
	(gg-,				,,		
	•	•			ion, evider	ice of surf	face soil cracks a	nd the presence of San Diego fairy
snamp indic	ate that the area pond	is water and	a supports wetland hy	yurology.				
LIC Army Co	orns of Engineers							Arid West - Version 2.0

US Army Corps of Engineers

Project/Site: Southwest Village Specific Plan		City/Cour	nty: <u>San Dieg</u>	jo, CA	Sampling Date: April	l 4, 2018					
oplicant/Owner: Pardee Homes State: CA Sampling Point: 79											
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, F	Range: Section 31, T18S F	R01W						
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave	, convex, none): concave	Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat:	32.55849		Long: -117.01889 Datum: NAD83							
Soil Map Unit Name: Huerhuero loam, 2 to 9 perce				NWI classification: None							
Are climatic / hydrologic conditions on the site typical	I for this time of	f year? Yes	X No	o (If no, explain in	Remarks.)						
Are Vegetation X, Soil , or Hydrology						No					
Are Vegetation, SoilX, or Hydrology											
	·										
SUMMARY OF FINDINGS – Attach site map	snowing sa	mpling poli	nt location	s, transects, importan	t reatures, etc.						
Hydrophytic Vegetation Present? Yes	(No	_	0	A							
Hydric Soil Present? Yes	No No		he Sampled nin a Wetlan	YAC	X No						
Wetland Hydrology Present? YesX	(No	_ '''	iiii a vvotiaii	u.							
Remarks: The majority of the vegetation on the site	e has been dist	urbed due to	past land use	es. This feature was sample	ed during the growing	season and					
meets the wetland criteria.			,								
VEGETATION – Use scientific names of pla											
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works							
1. none	70 OOVCI	_орсоюз:	Otatus	Number of Dominant Sp That Are OBL, FACW, o		(A)					
2.				Total Number of Domina		(','					
3.				Species Across All Strat		(B)					
4.				Percent of Dominant Sp	pecies						
		= Total Cove	er	That Are OBL, FACW, o	or FAC:100	(A/B)					
Sapling/Shrub Stratum (Plot size:)										
1. none				Prevalence Index work	ksheet:						
2.				Total % Cover of:	Multiply by:	·					
3				OBL species	x 1 =						
4				FACW species	x 2 =						
5				FAC species							
		= Total Cove	er	FACU species	•	1					
Herb Stratum (Plot size:)				UPL species	x 5 =						
Spergularia bocconi	9	Y	FACW	Column Totals:	(A)	(B)					
2. Plagiobothrys acanthocarpus	2	N	OBL	Prevalence Inde	x = B/A =						
3. Psilocarphus brevissimus	1	N	FACW								
4. Lythrum hyssopifolia		N	OBL	Hydrophytic Vegetatio							
5. Deinandra fasciculata		N	FACU	X Dominance Test i							
6. Hypochaeris glabra		N	UPL	Prevalence Index							
7					aptations¹ (Provide su ks or on a separate sh						
8					•	,					
Mondy Vine Stratum (Diet size)	15	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (E	xplain)					
Woody Vine Stratum (Plot size:	.)			11. dia dana di bandala an	9						
1. none				¹ Indicators of hydric so be present, unless dist		gy must					
2				· · ·							
	0	= Total Cove	er	Hydrophytic Vegetation							
% Bare Ground in Herb Stratum 85 %	Cover of Biotic	Crust	0		es X No						
Remarks: Sample area is a vernal pool that receive			all local micro		the vernal pool consist	ina					
predominately of hydrophytic vegetation, it does sup						··· · 9					
acanthocarpus).											

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches)	Color (moist)	%		0/2		1.002	- Touture	Domorko
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	Texture	
0-18	10YR 3/2	100			 .		sandy clay	<u>'</u>
					<u> </u>		_	
	_							
	_			_				
	_			_				
	_			_				
	_			_				
	Concentration, D=Depletion					S. ²		Pore Lining, RC=Root Channel, M=Matrix.
-	oil Indicators: (Applic	able to all L						rs for Problematic Hydric Soils ³ :
	sol (A1)			/ Redox (S5	•			n Muck (A9) (LRR C)
	Epipedon (A2)			ed Matrix (S	,			Muck (A10) (LRR B)
	Histic (A3)			y Mucky Mir				uced Vertic (F18)
	gen Sulfide (A4)			y Gleyed Ma				Parent Material (TF2)
	ied Layers (A5) (LRR	C)		ted Matrix (F			X Othe	er (Explain in Remarks)
	Muck (A9) (LRR D)	- / 4 4 4 3		k Dark Surfa	` '			
	ted Below Dark Surfac	e (A11)		ted Dark Su			31 11 1	
	Dark Surface (A12)			x Depression				rs of hydrophytic vegetation and
	/ Mucky Mineral (S1)		verna	l Pools (F9)				and hydrology must be present,
Sandy	/ Gleyed Matrix (S4)						unies	s disturbed or problematic.
Restrictive	e Layer (if present):							
Type: _								
Depth (in	nches):						Hydric Soil I	Present? Yes X No
YDROLO	OGY							
	Hydrology Indicators						S	Secondary Indicators (2 or more required
	ndicators (minimum of		l· check all that ar	nnly)			<u> </u>	Water Marks (B1) (Riverine)
	ce Water (A1)	one required		ust (B11)				Sediment Deposits (B2) (Riverine)
	` '			Crust (B12)			_	
	Water Table (A2)				(D40)		_	Drift Deposits (B3) (Riverine)
	ation (A3)	-! \		Invertebrat			_	Drainage Patterns (B10)
	Marks (B1) (Nonrive			en Sulfide (- (00)	Dry-Season Water Table (C2)
_	nent Deposits (B2) (No	-		ed Rhizosph	_	_	ots (C3)	Thin Muck Surface (C7)
_	Deposits (B3) (Nonrive	erine)		ce of Reduc	-	-	_	Crayfish Burrows (C8)
	ce Soil Cracks (B6)			Iron Reduc		d Soils (C	6) _	Saturation Visible on Aerial Imagery (C9)
	ation Visible on Aerial	Imagery (B7	, <u>—</u>	uck Surface				Shallow Aquitard (D3)
Water	r-Stained Leaves (B9)		Other	Explain in R	emarks)		_	FAC-Neutral Test (D5)
Field Obse	ervations:							
Surface Wa	ater Present?	'es	No X Depth (i	nches):				
Water Tabl			No Depth (i					
Saturation		 'es		nches):			and Hydrolo	gy Present? Yes X No
	apillary fringe)					_		<u></u>
		gauge, mon	itoring well, aerial	photos, prev	ious inspe	ctions), if a	available: n/a	a
coning 1/6	ecorded Data (stream							
escribe ive	ecorded Data (stream	gg-,						
temarks: A	Although no surface wa		sent at the time o	the delinea	tion, evider	nce of surf	face soil crac	ks indicate that the area ponds water and
emarks: A			sent at the time o	f the delinea	tion, evider	nce of surf	face soil crac	ks indicate that the area ponds water and
temarks: A	Although no surface wa		sent at the time o	fthe delinea	tion, evider	nce of surf	face soil crac	ks indicate that the area ponds water and
emarks: A	Although no surface wa		sent at the time o	f the delinea	tion, evider	nce of surf	face soil crac	ks indicate that the area ponds water and
emarks: A	Although no surface wa		sent at the time o	f the delinea	tion, evider	nce of surf	face soil crac	ks indicate that the area ponds water and

Project/Site: Southwest Village Specific Plan			City/Cour	nty: San Dieg	o, CA	_Sampling Date: A	pril 4, 2018			
oplicant/Owner: Pardee Homes State: CA Sampling Point: 80										
Investigator(s): Beth Procsal, JR Sundberg			Section,	Township, R	Range: Section 31, T18S	R01W				
Landform (hillslope, terrace, etc.): mesa top			 Local re	lief (concave,	, convex, none): concave	Slope	(%): 0-2			
Subregion (LRR): LRR-C		Lat:	 32.55844		Long: -117.01877	Datum:	NAD83			
Soil Map Unit Name: Huerhuero loam, 2 to 9 pe					NWI classification	on: None				
Are climatic / hydrologic conditions on the site ty			f vear? Yes	X No	-					
Are Vegetation X, Soil , or Hydro				' <u></u> '			X No			
Are Vegetation, SoilX, or Hydro	_									
										
SUMMARY OF FINDINGS – Attach site r	nap sl	nowing sa	mpling poi	nt location	s, transects, importan	it features, etc.				
Hydrophytic Vegetation Present? Yes	Х	_No								
Hydric Soil Present? Yes		No	-	he Sampled	VΔC	X No				
Wetland Hydrology Present? Yes		No	— witi	hin a Wetlan	a ? —		_			
Remarks: The majority of the vegetation on the	site h	as been dist	urbed due to	nast land use	es. This feature was sampl	led during the growi	ng season and			
meets the wetland criteria.	one m	ao boon dist	uibed dde to	past land asc	oo. This icatare was sample	led during the grown	ng season and			
VEGETATION – Use scientific names of	plants									
Tree Stratum (Plot size:	`	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work					
1. none	,	70 OOVCI	Орсскоз:	Otatus	Number of Dominant S That Are OBL, FACW,		1 (A)			
2.					Total Number of Domin		(/ //			
3.					Species Across All Stra		I (B)			
4.					Percent of Dominant Sp	pecies				
			= Total Cov	er	That Are OBL, FACW,	or FAC: 10	00 (A/B)			
Sapling/Shrub Stratum (Plot size:)									
1. none					Prevalence Index wor	ksheet:				
2.					Total % Cover of:	Multiply	by:			
3.					OBL species	x 1 =				
4.					FACW species	x 2 =				
5					FAC species					
			= Total Cov	er	FACU species					
Herb Stratum (Plot size:)				UPL species	x 5 =				
Psilocarphus brevissimus		18	Y	FACW	Column Totals:	(A)	(B)			
2. Plagiobothrys acanthocarpus		1	N	OBL	Prevalence Inde	ex = B/A =				
3. Lythrum hyssopifolia		1	N	OBL						
4. Bromus hordeaceus		1	N	FACU	Hydrophytic Vegetation					
5. Plantago elongata		1	N	FACW	X Dominance Test					
6. Erodium botrys		1	N	FACU_	Prevalence Index					
7						laptations¹ (Provide rks or on a separate				
8			T-4-1-0			·	, ,			
Woody Vine Stratum (Plot size:	`	23	= Total Co	ver	Problematic Hydi	rophytic Vegetation ¹	(Explain)			
·	'				1 Indicators of budgie of	al and watland budge	alagu, marrat			
1. none					¹ Indicators of hydric so be present, unless dis					
2						·				
		0	= Total Cov	er	Hydrophytic Vegetation					
% Bare Ground in Herb Stratum 77	% Co	ver of Biotic	Crust	0	•	es X No				
Remarks: Sample area is a vernal pool that rec	eives rı	unoff from a	relatively sma	all local micro	u- v-watershed. In addition to	the vernal pool cons	sisting			
predominately of hydrophytic vegetation, it does										
acanthocarpus, and Plantago elongata).										

	Color (moist)		Color (moist)	%Type ¹	Loc ²	Texture	Remarks
0-2	10YR 3/2	100				sandy clay	no redox
2-18	10YR 4/3	100				sandy clay	no redox
						-	
	<u> </u>						
1- 0.0					. ———		
	concentration, D=Depletion oil Indicators: (Applic				ins. fi		ore Lining, RC=Root Channel, M=Matrix. S for Problematic Hydric Soils ³ :
•	sol (A1)	able to all Erti	•	Redox (S5)			Muck (A9) (LRR C)
	Epipedon (A2)			Matrix (S6)			Muck (A10) (LRR B)
	Histic (A3)			Mucky Mineral (F1)			ced Vertic (F18)
	gen Sulfide (A4)			Gleyed Matrix (F2)			arent Material (TF2)
	ied Layers (A5) (LRR (C)		d Matrix (F3)			(Explain in Remarks)
	Muck (A9) (LRR D)	-,		Dark Surface (F6)			(=
	ted Below Dark Surfac	e (A11)		d Dark Surface (F7)		
Thick	Dark Surface (A12)	` ,	Redox D	Depressions (F8)		³ Indicators	of hydrophytic vegetation and
 Sandy	Mucky Mineral (S1)		Vernal F	Pools (F9)			d hydrology must be present,
Sandy	Gleyed Matrix (S4)					unless	disturbed or problematic.
	e Layer (if present):						
Type: _			_				
Depth (ir	nches):		_			Hydric Soil Pi	resent? Yes X No No
	or other factors, which				ack hydric s	oil indicators o	due to limited saturation depth, saline
conditions,	or other factors, which				ack hydric s	oil indicators o	due to limited saturation depth, saline
conditions,	or other factors, which	n may include h			ack hydric s		
IYDROLO Wetland I	or other factors, which	n may include h	numan-caused dis	sturbance.	ack hydric s		
IYDROLO Wetland I Primary In	or other factors, which OGY Hydrology Indicators	n may include h	numan-caused dis	sturbance.	ack hydric s		condary Indicators (2 or more required
IYDROLO Wetland I Primary In Surface	OGY Hydrology Indicators dicators (minimum of o	n may include h	numan-caused dis	y) t (B11)	ack hydric s		condary Indicators (2 or more required Water Marks (B1) (Riverine)
IYDROLO Wetland I Primary Ir Surfac	OGY Hydrology Indicators dicators (minimum of oce Water (A1)	n may include h	theck all that appl Salt Crus X Biotic Cru	y) t (B11)	ack hydric s		condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
IYDROLO Wetland I Primary Ir Surface High V	OGY Hydrology Indicators dicators (minimum of other (A1) Nater Table (A2)	n may include h	check all that appl Salt Crus X Biotic Cru Aquatic Ir	y) t (B11) ust (B12)	ack hydric s		condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
IYDROLO Wetland I Primary Ir Surfac High V Satura	OGY Hydrology Indicators dicators (minimum of oce Water (A1) Water Table (A2) ation (A3)	n may include h	theck all that apply Salt Crus X Biotic Cru Aquatic Ir	y) it (B11) ust (B12) nvertebrates (B13)		<u>Se</u>	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
IYDROLO Wetland I Primary Ir Surfac High \ Satura Water Sedin	OGY Hydrology Indicators dicators (minimum of oce Water (A1) Water Table (A2) ation (A3) Marks (B1) (Nonriver	n may include h : one required; c rine) onriverine)	heck all that apply Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized	y) t (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1)	g Living Roo	<u>Se</u>	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
Satura Water Sedin	OGY Hydrology Indicators dicators (minimum of of the Water (A1) Water Table (A2) ation (A3) Marks (B1) (Nonriver) ment Deposits (B2) (Nonriver) Deposits (B3) (Nonriver)	n may include h : one required; c rine) onriverine)	check all that appl Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized	y) t (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres alon of Reduced Iron (6)	g Living Roc C4)	Se	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
IYDROLO Wetland I Primary Ir Surface High V Satura Water Sedin Drift D X Surface	OGY Hydrology Indicators dicators (minimum of of the Water (A1) Water Table (A2) ation (A3) Marks (B1) (Nonriverment Deposits (B2) (No	n may include h	check all that appl Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir	y) It (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1) Rhizospheres alon It of Reduced Iron (Ion Reduction in Till	g Living Roc C4)	Se	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
IYDROLO Wetland I Primary Ir Surface High V Satura Water Sedin Drift E X Surface Inund	OGY Hydrology Indicators dicators (minimum of other Table (A2) ation (A3) Marks (B1) (Nonriver ment Deposits (B2) (No Deposits (B3) (Nonrive ce Soil Cracks (B6)	n may include h	check all that appl Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc	y) t (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres alon of Reduced Iron (6)	g Living Roc C4)	Se	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
IYDROLO Wetland I Primary Ir Surface High V Satura Water Sedin Drift E X Surface Inund	OGY Hydrology Indicators dicators (minimum of of the Water (A1) Water Table (A2) ation (A3) Marks (B1) (Nonriver) ment Deposits (B2) (No Deposits (B3) (Nonriver) ce Soil Cracks (B6) ation Visible on Aerial at-Stained Leaves (B9) Pervations:	: cone required; coneriverine) erine) Imagery (B7)	check all that applications and the control of the check all that applications are checken are	y) It (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1) Rhizospheres alon It of Reduced Iron (It on Reduction in Till It surface (C7) It con Remarks)	g Living Roc C4)	Se	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Wetland I Primary Ir Surfac High \ Satura Water Sedin Drift D X Surfac Inund Water	OGY Hydrology Indicators dicators (minimum of of the Water (A1) Water Table (A2) ation (A3) Marks (B1) (Nonriver) ment Deposits (B2) (No Deposits (B3) (Nonriver) ce Soil Cracks (B6) ation Visible on Aerial at-Stained Leaves (B9) ervations: ater Present?	rine) crine) Imagery (B7)	check all that applications and the control of the check all that applications are checked all that applications are ch	y) It (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1) Rhizospheres alon It of Reduced Iron (It on Reduction in Till It surface (C7) It splain in Remarks)	g Living Roc C4)	Se	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Wetland I Primary Ir Surfac High \ Satura Water Sedin Drift D X Surfac Inund Water	OGY Hydrology Indicators dicators (minimum of of the Water (A1) Water Table (A2) ation (A3) Marks (B1) (Nonriver) ment Deposits (B2) (No Deposits (B3) (Nonriver) ce Soil Cracks (B6) ation Visible on Aerial at-Stained Leaves (B9) ervations: ater Present?	rine) crine) Imagery (B7)	check all that applications and the control of the check all that applications are checken are	y) It (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1) Rhizospheres alon It of Reduced Iron (It on Reduction in Till It surface (C7) It splain in Remarks)	g Living Roc C4)	Se	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
IYDROLO Wetland I Primary Ir Surface High V Satura Water Sedin Drift E X Surface Inund Water Field Obse Surface W Water Tab Saturation	OGY Hydrology Indicators dicators (minimum of other Table (A2) atton (A3) Marks (B1) (Nonriver the Deposits (B3) (Nonriver the Soil Cracks (B6) atton Visible on Aerial c-Stained Leaves (B9) Present?	rine) priverine) lmagery (B7) //es No //es No	check all that applications and the control of the check all that applications are checked all that applications are ch	y) It (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1) Rhizospheres alon Is of Reduced Iron (If on Reduction in Till Isk Surface (C7) Ixplain in Remarks) In the control of the control	g Living Roc C4) ed Soils (C6	Se	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9 Shallow Aquitard (D3) FAC-Neutral Test (D5)
IYDROLO Wetland I Primary Ir Surface Water Tield Obse Surface W Water Tab Saturation (includes c	OGY Hydrology Indicators dicators (minimum of other Table (A2) atton (A3) Marks (B1) (Nonriver the Deposits (B3) (Nonriver the Soil Cracks (B6) atton Visible on Aerial restained Leaves (B9) Prevations: ater Present? Present? Apillary fringe)	rine) prriverine) lmagery (B7) //es No //es No //es No //es No	sheck all that apple Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) It (B11) Ist (B12) In vertebrates (B13) In Sulfide Odor (C1) Rhizospheres alon It of Reduced Iron (It It on Reduction in Till It Surface (C7) It cplain in Remarks) It hes): It hes):	g Living Roo C4) ed Soils (C6	ots (C3)	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9 Shallow Aquitard (D3) FAC-Neutral Test (D5)
IYDROLO Wetland I Primary Ir Surface Water Tield Obse Surface W Water Tab Saturation (includes c	OGY Hydrology Indicators dicators (minimum of other Table (A2) atton (A3) Marks (B1) (Nonriver the Deposits (B3) (Nonriver the Soil Cracks (B6) atton Visible on Aerial c-Stained Leaves (B9) Present?	rine) prriverine) lmagery (B7) //es No //es No //es No //es No	sheck all that apple Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) It (B11) Ist (B12) In vertebrates (B13) In Sulfide Odor (C1) Rhizospheres alon It of Reduced Iron (It It on Reduction in Till It Surface (C7) It cplain in Remarks) It hes): It hes):	g Living Roo C4) ed Soils (C6	ots (C3)	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
IYDROLO Wetland I Primary Ir Surfac High V Satura Water Sedin Drift E X Surfac Inund Water Tab Saturation (includes co	OGY Hydrology Indicators dicators (minimum of of open water (A1) Water Table (A2) ation (A3) Marks (B1) (Nonriver ment Deposits (B2) (Nonriver ment Deposits (B3) (Nonriver ce Soil Cracks (B6) ation Visible on Aerial restained Leaves (B9) Ervations: ater Present? Present? Present? Application of the present of th	rine) prriverine) lmagery (B7) /es No /es No /es No	check all that apply Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) It (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1) Rhizospheres alon It of Reduced Iron (Invertebrate (C7) It on Reduction in Till It Surface (C7) It on Remarks) It is surface (C7) It	g Living Roc C4) ed Soils (C6	ots (C3)	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary In Surfac Water Sedin Drift E X Surfac Water Sedin Drift D X Surfac Water Surface W Water Tab Saturation (includes co	OGY Hydrology Indicators dicators (minimum of of open water (A1) Water Table (A2) ation (A3) Marks (B1) (Nonriver the properties (B2) (Nonriver the properties (B3) (Nonriver the properties (B6) ation Visible on Aerial caster Present? He Present? Present? Although no surface was the properties (B3) Although no surface was the properties (B4)	rine) prriverine) lmagery (B7) //es No //es	check all that apply Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) It (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1) Rhizospheres alon It of Reduced Iron (Invertebrate (C7) It on Reduction in Till It Surface (C7) It on Remarks) It is surface (C7) It	g Living Roc C4) ed Soils (C6	ots (C3)	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary In Surfac Water Sedin Drift E X Surfac Water Sedin Drift D X Surfac Water Surface W Water Tab Saturation (includes co	OGY Hydrology Indicators dicators (minimum of of open water (A1) Water Table (A2) ation (A3) Marks (B1) (Nonriver ment Deposits (B2) (Nonriver ment Deposits (B3) (Nonriver ce Soil Cracks (B6) ation Visible on Aerial restained Leaves (B9) Ervations: ater Present? Present? Present? Application of the present of th	rine) prriverine) lmagery (B7) //es No //es	check all that apply Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) It (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1) Rhizospheres alon It of Reduced Iron (Invertebrate (C7) It on Reduction in Till It Surface (C7) It on Remarks) It is surface (C7) It	g Living Roc C4) ed Soils (C6	ots (C3)	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary In Surface Water Sedin Drift E X Surface Water Tield Obse Surface W Water Tab Saturation (includes colescribe Re	OGY Hydrology Indicators dicators (minimum of of open water (A1) Water Table (A2) ation (A3) Marks (B1) (Nonriver the properties (B2) (Nonriver the properties (B3) (Nonriver the properties (B6) ation Visible on Aerial caster Present? He Present? Present? Although no surface was the properties (B3) Although no surface was the properties (B4)	rine) prriverine) lmagery (B7) //es No //es	check all that apply Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) It (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1) Rhizospheres alon It of Reduced Iron (Invertebrate (C7) It on Reduction in Till It Surface (C7) It on Remarks) It is surface (C7) It	g Living Roc C4) ed Soils (C6	ots (C3)	condary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary In Surfac High V Satura Water Sedin Drift E X Surfac Unund Water Field Obse Surface W Water Tab Saturation (includes collectibe Re	OGY Hydrology Indicators dicators (minimum of of open water (A1) Water Table (A2) ation (A3) Marks (B1) (Nonriver the properties (B2) (Nonriver the properties (B3) (Nonriver the properties (B6) ation Visible on Aerial caster Present? He Present? Present? Although no surface was the properties (B3) Although no surface was the properties (B4)	rine) prriverine) lmagery (B7) //es No //es	check all that apply Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) It (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1) Rhizospheres alon It of Reduced Iron (Invertebrate (C7) It on Reduction in Till It Surface (C7) It on Remarks) It is surface (C7) It	g Living Roc C4) ed Soils (C6	ots (C3)	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Cand Shallow Aquitard (D3) FAC-Neutral Test (D5)

Project/Site: Southwest Village Specific	Plan		City/Coun	ity: San Dieg	o, CA	_Sampling Date: A	pril 4, 2018			
pplicant/Owner: Pardee Homes State: CA Sampling Point: 81										
Investigator(s): Beth Procsal, JR Sundbe	erg		Section,	Township, F	Range: Section 31, T18S	R01W				
Landform (hillslope, terrace, etc.): mesa	top		Local rel	lief (concave	, convex, none): concave	Slope	(%): 0-2			
Subregion (LRR): LRR-C		Lat:	32.55857		Long: -117.01870	Datum:	NAD83			
Soil Map Unit Name: Huerhuero loam, 2					NWI classificati					
Are climatic / hydrologic conditions on th	e site typical fo	or this time of	f year? Yes	X No	o (If no, explain ir	n Remarks.)				
Are Vegetation X, Soil , o				·			X No			
					(If needed, explain any an					
SUMMARY OF FINDINGS – Attacl										
Hydrophytic Vegetation Present?	Yes									
Hydric Soil Present?	Yes	No X	15 11	ne Sampled	VΔC	No X				
Wetland Hydrology Present?	Yes X		— with	nin a Wetlan	a? —		_			
Remarks: The majority of the vegetation does not meet the wetland criteria. VEGETATION – Use scientific nar			urbed due to	past land use	ss. This leature was samp	ed during the grown	ng season and			
To a Otraction (District	`	Absolute	Dominant	Indicator	Dominance Test work	sheet:				
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant S		(4)			
2.					That Are OBL, FACW, Total Number of Domin		(A)			
3.					Species Across All Stra		(B)			
4					Percent of Dominant Sp		(A/B)			
			= Total Cove	er	That Are OBL, FACW,	01 FAC	(A/B)			
Sapling/Shrub Stratum (Plot size:)									
1. none					Prevalence Index wor					
2.					Total % Cover of:	Multiply				
3.					OBL species	x 1 =				
4					FACW species FAC species					
5					FAC species FACU species					
Herb Stratum (Plot size:	1		= Total Cove	er	UPL species	x 5 =				
1. Spergularia bocconi		1	Υ	FACW	Column Totals:	(A)	(B)			
2		·					```			
3					Prevalence Inde	ex = B/A =				
4.					Hydrophytic Vegetation	on Indicators:				
5.					Dominance Test					
6.					Prevalence Index	x is ≤3.0¹				
7.					Morphological Ac	daptations¹ (Provide	supporting			
8.					data in Rema	rks or on a separate	sheet)			
		1	= Total Cov	/er	Problematic Hydi	rophytic Vegetation ¹	(Explain)			
Woody Vine Stratum (Plot size:)									
1. none					¹ Indicators of hydric so be present, unless dis	oil and wetland hydro turbed or problemati	ology must			
2			T-4-1 0							
		0	= Total Cove		Hydrophytic Vegetation					
		over of Biotic		0		'es No	X			
Remarks: Sampled during the growing s	season, but ve	getation cove	er insufficient	(less than 5%	6) to be considered hydro	phytic.				

Profile Desc Depth	cription: (Describ Matri		needed to docum	ent the inc edox Featu		confirm t	the absence	of indicators.)	
(inches)	Color (moist)	<u>%</u> -	Color (moist)	%	Type ¹	Loc ²	– Texture	2	Remarks
(1101100)			Color (moiot)		Турс				Tomano
							_		
-	-								
							_		
							_		
			d Matrix, CS=Covere			s. ²			ot Channel, M=Matrix.
Hydric Soil	l Indicators: (App	licable to all Li	RRs, unless other	wise note	d.)		Indicator	rs for Problemati	ic Hydric Soils³:
Histoso	l (A1)		Sandy F	Redox (S5))		1 cm	Muck (A9) (LRR	C)
Histic E	pipedon (A2)		Stripped	Matrix (Se	6)		2 cm	Muck (A10) (LRF	R B)
	listic (A3)		Loamy I	Mucky Min	eral (F1)			uced Vertic (F18)	•
	en Sulfide (A4)			Gleyed Ma	. ,			Parent Material (1	TF2)
_ ` `	d Layers (A5) (LR	R C)		d Matrix (F				r (Explain in Rem	,
l —	uck (A9) (LRR D)			Dark Surfac	,			(Explain in Rein	ano,
	` , ` ,	food (A11)			` '				
	ed Below Dark Sur	, ,		d Dark Sur	. ,		31		
	ark Surface (A12)			Depression	is (F8)			rs of hydrophytic v	
	Mucky Mineral (S1	,	Vernal I	Pools (F9)				nd hydrology mus	
Sandy 0	Gleyed Matrix (S4))					unles	s disturbed or pro	blematic.
Restrictive	Layer (if present)):							
Type:									
Depth (inc	hee).						Hydric Soil F	Present? Yes	s No X
									nd. Therefore, no soil pit
was dag and	d hydric soils are n		, de prodent						
HYDROLO	GY								
Wetland H	ydrology Indicato	ors:					S	econdary Indica	tors (2 or more required)
· ·			check all that appl	v)				Water Marks (E	
	,	or one required,		,					, ,
	e Water (A1)		Salt Crus				_		osits (B2) (Riverine)
ı —	ater Table (A2)		Biotic Cr					Drift Deposits (
Saturat	ion (A3)		Aquatic I	nvertebrate	es (B13)			Drainage Patte	rns (B10)
Water I	Marks (B1) (Nonri	verine)	Hydroge	n Sulfide O	dor (C1)			Dry-Season Wa	ater Table (C2)
Sedime	ent Deposits (B2) (Nonriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	Thin Muck Surf	ace (C7)
	eposits (B3) (Nonr	•		of Reduc	_	_	` ′ _	— Crayfish Burrov	
		,			-	-	-6)		
_	Soil Cracks (B6)	(5-)		on Reduct		u Solis (C	— —		ole on Aerial Imagery (C9)
	tion Visible on Aer	• • • •		k Surface			_	Shallow Aquita	
Water-9	Stained Leaves (B	9)	Other (E	oplain in Re	emarks)		_	FAC-Neutral Te	est (D5)
Field Obser	vations:								
Surface Wat		Voc N	do Y Donth (inc	hoc):					
			No X Depth (inc						
Water Table			No Depth (inc					_	
Saturation P		Yes N	No Depth (inc	hes):		Wetla	and Hydrolog	gy Present?	Yes <u>X</u> No
	pillary fringe)								
Describe Red	corded Data (strea	m gauge, monit	oring well, aerial pl	notos, prev	ious inspe	ctions), if	available: n/a	a	
						nce of surf	face soil cracl	ks indicate that the	e area supports wetland
hydrology. W	ater table level an	d saturation are	not known as a so	il pit was n	ot dug.				

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA	Sampling Date: April 4,	2018
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 82	
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slope (%): (0-2
Subregion (LRR): LRR-C	Lat:	32.55857		Long: -117.01870	Datum: NAD8	33
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification	on: None	
Are climatic / hydrologic conditions on the site typical for	r this time of	f year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology			· ·	· · · · · · · · · · · · · · · · · · ·		No
Are Vegetation Soil or Hydrology						
SUMMARY OF FINDINGS – Attach site map si						
SOMMANT OF FINDINGS - Attach site map s			iit iocations	s, transects, important	t leatures, etc.	
Hydrophytic Vegetation Present? Yes	_NoX	le ti	ne Sampled	Aroa		
Hydric Soil Present? Yes			nin a Wetlan	VΔC	NoX	
Wetland Hydrology Present? Yes X	_No	_				
Remarks: The majority of the vegetation on the site h	as been dist	urbed due to	past land use	es. This feature was sample	ed during the growing sea	ason and
does not meet the wetland criteria.						
VEGETATION – Use scientific names of plant	•					
VEGETATION – Ose scientific flames of plant	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Sp		
1. none				That Are OBL, FACW, o		(A)
2				Total Number of Domina		
3				Species Across All Strat		(B)
4				Percent of Dominant Sp That Are OBL, FACW, or		(A/B)
Couling (Obserts Obserts on Chickering		= Total Cove	er	, 5		_` '
Sapling/Shrub Stratum (Plot size:)				December of the december of		
1. <u>none</u> 2.				Prevalence Index work Total % Cover of:	Multiply by:	
2				OBL species	x 1 =	-
				FACW species		
				FAC species		
5		= Total Cove	 er	FACU species		
Herb Stratum (Plot size:				UPL species	x 5 =	
1. Spergularia bocconi	1	N	FACW	Column Totals:	(A)	_ _(B)
2. Mesembryanthemum nodiflorum	1	N	FACU	Prevalence Inde	x = B/A =	
3. Salsola tragus	1	N	FACU	Trevalence inde.	X - D/A	_
4				Hydrophytic Vegetatio	n Indicators:	
5				Dominance Test i	s >50%	
6				Prevalence Index	is ≤3.0 ¹	
7					aptations¹ (Provide suppo	
8					ks or on a separate sheet	<i>'</i>
	3	= Total Cov	/er	Problematic Hydro	ophytic Vegetation ¹ (Expl	ain)
Woody Vine Stratum (Plot size:)				4		
1. none				¹ Indicators of hydric so be present, unless dist	il and wetland hydrology	must
2				·		_
		= Total Cove	er	Hydrophytic Vegetation		
% Bare Ground in Herb Stratum 97 % Co	over of Biotic	Crust	0	Present? Ye	es No X	
Remarks: Sampled during the growing season, but ve	getation cove	er insufficient	(less than 5%	 6) to be considered hydron	phytic. No ACOE vernal n	ool plant
indicator species were present within the basin.	,		,	,	,	F

Profile Desc Depth	ription: (Describ) Matri		needed to docum	ent the indedox Feature		confirm t	the absence	of indicators.)
(inches)	Color (moist)	<u>^</u>	Color (moist)	%	Type ¹	Loc ²	- Texture	e Remarks
(1101100)	Color (moist)		Color (moist)		Турс		_ TOXIGIO	- Nomano
								· ·
							-	
¹ Type: C=Co	ncentration, D=Deple	etion, RM=Reduce	d Matrix, CS=Covere	d or Coated	Sand Grain:	s. ²	Location: PL=P	Pore Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (App	licable to all Li	RRs, unless other	wise noted	d.)		Indicator	rs for Problematic Hydric Soils ³ :
Histoso	I (A1)		Sandy F	Redox (S5)			1 cm	Muck (A9) (LRR C)
	pipedon (A2)			l Matrix (S6	3)			Muck (A10) (LRR B)
	listic (A3)			Mucky Mine	•			uced Vertic (F18)
	en Sulfide (A4)			Gleyed Mat				Parent Material (TF2)
	d Layers (A5) (LR	B C)		d Matrix (F				er (Explain in Remarks)
l —	, , ,	KC)		`	,		Ourie	(Explain in Remarks)
	uck (A9) (LRR D)	c (A.4.4)		ark Surfac	` '			
	d Below Dark Sur	` '		d Dark Sur	. ,		31 11 .	
	ark Surface (A12)			Depression	s (F8)			rs of hydrophytic vegetation and
	Mucky Mineral (S1	,	Vernal F	Pools (F9)				nd hydrology must be present,
Sandy (Gleyed Matrix (S4))					unles	s disturbed or problematic.
Restrictive	Layer (if present)	:						
Type:	.,							
ı ·· —	l= = = \.						Livednia Cail F	DescriptO Vos No V
Depth (inc	:nes):						Hydric Soil F	Present? Yes No X
was dug and	d hydric soils are n	ot considered to	o be present.					
HYDROLO(GY							
Wetland Hy	ydrology Indicato	ors:					S	econdary Indicators (2 or more require
i -			check all that appl	v)				Water Marks (B1) (Riverine)
	Water (A1)	o. oo .oquou,	Salt Crus	,,				
								Sediment Deposits (B2) (Riverine)
ı —	ater Table (A2)		Biotic Cru					Drift Deposits (B3) (Riverine)
Saturat	ion (A3)		Aquatic I	nvertebrate	s (B13)			Drainage Patterns (B10)
Water N	Marks (B1) (Nonri	verine)	Hydroger	n Sulfide O	dor (C1)			Dry-Season Water Table (C2)
Sedime	ent Deposits (B2) (Nonriverine)	Oxidized	Rhizosphe	res along	Living Ro	ots (C3)	Thin Muck Surface (C7)
	eposits (B3) (Nonr	•		of Reduce	_	_	` _	Crayfish Burrows (C8)
	Soil Cracks (B6)	,		on Reducti	-	-	6)	Saturation Visible on Aerial Imagery (CS
		: - I I (D.7)				u Solis (Ci		
l —	tion Visible on Aer			k Surface (Shallow Aquitard (D3)
Water-9	Stained Leaves (B	9)	Other (Ex	oplain in Re	emarks)			FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		Voc I	No X Depth (inc	hae).				
Water Table			No Depth (inc					
Saturation P		Yes 1	No Depth (inc	hes):		Wetla	and Hydrolog	gy Present? Yes X No
F '	pillary fringe)							
Describe Rec	corded Data (strea	m gauge, monit	oring well, aerial pl	otos, previ	ous inspe	ctions), if a	available: n/a	a
Remarks: Alt	though no surface	water was pres	ent at the time of th	ne delineati	on, evider	nce of surf	face soil crack	ks indicate that the area ponds water and
supports wetl	and hydrology. Wa	ater table level a	and saturation are r	not known a	as a soil pi	it was not	dug.	
1								

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: April 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 83
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55894		Long: -117.01899 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				
				(If needed, explain any answers in Remarks.)
				
SUMMARY OF FINDINGS – Attach site map sh	iowing sa	mpling poli	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	No	_	0 1 1	A
Hydric Soil Present? Yes X	No	I	ne Sampled nin a Wetlan	YAS X NO
Wetland Hydrology Present? Yes X	No	_ """	iii a wodan	u.
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	es. This feature was sampled during the growing season and
meets the wetland criteria.		'	•	1 3 3 3
VEGETATION – Use scientific names of plants				15
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none	70 00101	_ороскоо.		Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 2 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC:50(A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species1 x 1 =1
4				FACW species 7 x 2 = 14
5				FAC species 0 x 3 = 0
		= Total Cove	er	FACU species 2 x 4 = 8
Herb Stratum (Plot size:)				UPL species 1 x 5 = 5
1. Hordeum murinum		Y	FACU	Column Totals:11 (A)28(B)
2. Spergularia bocconi	1	N	FACW	Prevalence Index = B/A = 2.5
3. Matricaria discoidea		N	UPL	
4. Psilocarphus brevissimus	5	Y	FACW	Hydrophytic Vegetation Indicators:
5. Plagiobothrys acanthocarpus	1	N	OBL	Dominance Test is >50%
6. Plantago elongata	1	N	FACW_	X Prevalence Index is ≤3.0¹
7. 8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
0		= Total Cov	/or	· · · ·
Woody Vine Stratum (Plot size:		- Total Cov	/CI	Problematic Hydrophytic Vegetation ¹ (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must
				be present, unless disturbed or problematic.
2		= Total Cove		Lhydrophytic
		- Total Cove	J1	Hydrophytic Vegetation
% Bare Ground in Herb Stratum89	ver of Biotic	Crust		Present? Yes X No
Remarks: Sample area is a vernal pool that receives ru	inoff from a	relatively sma	all local micro	-watershed. In addition to the vernal pool consisting
predominately of hydrophytic vegetation, it does suppor				cies (Plagiobothrys acanthocarpus, Plantago elongata, and
Psilocarphus brevissimus).				

Depth	Matrix			dox Feat			_			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu	ure	Remarks	3
0-2	10YR 4/2	95 7.	5YR 4/6	5	C	RC	clay			
2-18	10YR 4/3	100								
							_			
							_			
¹ Type: C=Co	ncentration, D=Depletion,	RM=Reduced	Matrix, CS=Covered	or Coate	d Sand Grains	. 2	Location: PL	.=Pore Lining, R0	C=Root Channel, M	=Matrix.
Hydric Soil	Indicators: (Applicat	ble to all LR	Rs, unless otherv	wise not	ed.)				ematic Hydric S	
Histoso	I (A1)		Sandy R	edox (S5	5)		1 c	cm Muck (A9) (LRR C)	
	pipedon (A2)		Stripped		-			m Muck (A10)		
Black H	listic (A3)		Loamy N	lucky Mi	neral (F1)		Re	educed Vertic (F18)	
Hydroge	en Sulfide (A4)		Loamy G	Sleyed M	atrix (F2)		Re	ed Parent Mate	rial (TF2)	
	d Layers (A5) (LRR C))	Depleted	•	,		X_Oth	her (Explain in	Remarks)	
	uck (A9) (LRR D)		Redox D		, ,					
	d Below Dark Surface	(A11)			ırface (F7)					
	ark Surface (A12)		Redox D	•	` '				ytic vegetation a	
	Mucky Mineral (S1)		Vernal P	ools (F9)				, ,,	must be preser	t,
Sandy (Gleyed Matrix (S4)						unle	ess disturbed o	or problematic.	
	Lavar/if present).									
Restrictive	Layer (if present):									
Restrictive Type:			_							
Type: Depth (inc Remarks: R due to strong		ed rizosphere	–) present at 0-2" don and wetland hyd	drology.	This feature	is a vern	However, h	is seasonally	onded and may	
Type: Depth (inc Remarks: R due to strong ndicators du	thes):	ed rizosphere	–) present at 0-2" don and wetland hyd	drology.	This feature	is a vern	However, h	ydric soils are is seasonally p	assumed here a conded and may	problemation
Type:	thes):tedox features (oxidize g indicators of hydroph te to limited saturation	ed rizosphere	–) present at 0-2" don and wetland hyd	drology.	This feature	is a vern	However, h	ydric soils are is seasonally p used disturband	assumed here a conded and may ce.	s problematic lack hydric s
Type:	thes):tedox features (oxidize g indicators of hydroph ue to limited saturation	d rizosphere lytic vegetation depth, saline	–) present at 0-2" don and wetland hyde conditions, or oth	drology. i	This feature	is a vern	However, h	ydric soils are is seasonally pused disturband	assumed here a conded and may ce.	s problematic lack hydric s
Type: Depth (incommerce) Remarks: Redue to strong indicators duality of the commerce of the co	thes):	d rizosphere lytic vegetation depth, saline) present at 0-2" don and wetland hyse conditions, or oth	drology. in factors	This feature	is a vern	However, h	ydric soils are is seasonally pused disturband	assumed here a conded and may ce. dicators (2 or n	s problematic lack hydric s
Type:	thes): Redox features (oxidize g indicators of hydrophue to limited saturation GY ydrology Indicators: icators (minimum of ore Water (A1)	d rizosphere lytic vegetation depth, saline) present at 0-2" don and wetland hyve conditions, or other check all that apply	drology. er factor	This feature	is a vern	However, h	ydric soils are is seasonally pused disturbands Secondary In Water Ma Sediment	assumed here a conded and may ce. dicators (2 or n rks (B1) (Riverin Deposits (B2) (F	nore require
Type: Depth (incomplete Control of Control o	thes):	d rizosphere lytic vegetation depth, saline) present at 0-2" don and wetland hyve conditions, or other check all that apply Salt Crust Biotic Cru	drology. der factors // t (B11) st (B12)	This feature s, which may	is a vern	However, h	ydric soils are is seasonally pused disturbands Secondary In Water Ma Sediment Drift Depo	assumed here a conded and may be. adicators (2 or narks (B1) (Riverinates (B2) (Fisits (B3) (Riverinates (B3) (Riverina	nore require
Type: Depth (incomplete Control of Control o	thes):	nd rizosphere nytic vegetation depth, saline ne required; o) present at 0-2" don and wetland hyve conditions, or other check all that apply	drology. der factors // t (B11) st (B12)	This feature s, which may	is a vern	However, h	ydric soils are is seasonally pused disturbands Secondary In Water Ma Sediment Drift Depo	assumed here a conded and may ce. dicators (2 or n rks (B1) (Riverin Deposits (B2) (F	nore require
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Type:	ches): dedox features (oxidize gindicators of hydrophus to limited saturation GY ydrology Indicators: icators (minimum of or water (A1) iater Table (A2) ion (A3) Marks (B1) (Nonrivering the Deposits (B2) (Nonrivering to Soil Cracks (B6) icion Visible on Aerial Im Stained Leaves (B9) rvations: ier Present? Yeresent?	ne required; of the property o	check all that apply Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Mucl Other (Ex	drology. ier factors (/) (B11) st (B12) svertebra Sulfide (Rhizosph of Reductor Reductor Reductor Reductor Reductor Reductor Reductor Resplain in Fanes):	tes (B13) Odor (C1) neres along I ced Iron (C4 ction in Tillec	is a vern include Living Ro) Soils (C	However, had pool that human-cau	ydric soils are is seasonally pused disturband with the seasonally pused disturband with the seasonal process. Water Ma Sediment Drift Depo Drainage Dry-Season Thin Muck Crayfish E Saturation Shallow A FAC-Neut logy Present?	assumed here a conded and may be. Idicators (2 or not see the conded and may be. Idicators (2 or not see the conded and may be. Idicators (2 or not see the conded and may be. Idicators (2 or not see the conded and may be. Idicators (2 or not see the conded and see the conde	nore require e) tiverine) ne) C2)
Type: Depth (inc Remarks: R due to strong indicators du HYDROLOG Wetland Hy Primary Ind Surface High W Saturat Water N Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Rec	dedox features (oxidize gindicators of hydrophus to limited saturation and to limited saturation and to limited saturation and limited lim	ne required; of the req	check all that apply Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex	drology. (1) t (B11) st (B12) evertebra Sulfide (1) Rhizosph of Reduct Con Reduct Surface plain in F mes): mes): otos, pre	tes (B13) Odor (C1) neres along I ced Iron (C4 ction in Tillect e (C7) Remarks)	is a vern include civing Ro Soils (C	ots (C3) and Hydrol available: 1	ydric soils are is seasonally pused disturband with the seasonally pused disturband with the seasonally pused disturband with the seasonal pused with	assumed here a conded and may be. Idicators (2 or now rks (B1) (Rivering Deposits (B2) (Rivering Patterns (B10) on Water Table (Cassurface (C7) Burrows (C8) (C8) (C9) (C9) (C9) (C9) (C9) (C9) (C9) (C9	nore require e) kiverine) ne) C2) I Imagery (C
Type: Depth (inc Remarks: R due to strong indicators du TYDROLOG Wetland Hy Primary Ind Surface High W Saturat Water N Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Reco	ches): dedox features (oxidize gindicators of hydrophus to limited saturation GY ydrology Indicators: icators (minimum of or water (A1) iater Table (A2) ion (A3) Marks (B1) (Nonrivering the Deposits (B2) (Nonrivering to Soil Cracks (B6) icion Visible on Aerial Im Stained Leaves (B9) rvations: ier Present? Yeresent?	ne required; of the req	check all that apply Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex	drology. (1) t (B11) st (B12) evertebra Sulfide (1) Rhizosph of Reduct Con Reduct Surface plain in F mes): mes): otos, pre	tes (B13) Odor (C1) neres along I ced Iron (C4 ction in Tillect e (C7) Remarks)	is a vern include civing Ro Soils (C	ots (C3) and Hydrol available: 1	ydric soils are is seasonally pused disturband with the seasonally pused disturband with the seasonally pused disturband with the seasonal pused with	assumed here a conded and may be. Idicators (2 or now rks (B1) (Rivering Deposits (B2) (Rivering Patterns (B10) on Water Table (Cassurface (C7) Burrows (C8) (C8) (C9) (C9) (C9) (C9) (C9) (C9) (C9) (C9	nore require e) kiverine) ne) C2) I Imagery (C

Project/Site: Southwest Village Specific Plan		City/Coun	nty: <u>San Dieg</u>	o, CA	Sampling Date: April 4, 2018
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 84
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R	k01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:	32.55890		Long: -117.01887	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent				NWI classification	n: None
Are climatic / hydrologic conditions on the site typical for	or this time of	f year? Yes	X No	o (If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology					
Are Vegetation Soil X, or Hydrology					· · · · · · · · · · · · · · · · · · ·
SUMMARY OF FINDINGS – Attach site map s	nowing sa	mpling poli	nt locations	s, transects, important	teatures, etc.
Hydrophytic Vegetation Present? Yes X	_No	_ 1-41	0 1 1	A	
Hydric Soil Present? Yes X	No		he Sampled nin a Wetlan	VAC X	(No
Wetland Hydrology Present? Yes X	No	_ """	iiii a vvotiaii	u.	
Remarks: The majority of the vegetation on the site h	as been dist	urbed due to	past land use	es. This feature was sample	ed during the growing season and
meets the wetland criteria.			,		
VEGETATION – Use scientific names of plant					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works	
1. none	70 OOVCI	Орсоюз:	<u>Otatus</u>	Number of Dominant Sports Are OBL, FACW, or	
2.				Total Number of Domina	
3.				Species Across All Strata	
4.				Percent of Dominant Spe	ecies
		= Total Cove	er	That Are OBL, FACW, or	r FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index work	sheet:
2.				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	
		= Total Cove	er	FACU species	
Herb Stratum (Plot size:)				UPL species	x 5 =
1. Plantago elongata	1	N	FACW	Column Totals:	(A)(B)
2. Psilocarphus brevissimus	3	Y	FACW_	Prevalence Index	κ = B/A =
3. Plagiobothrys acanthocarpus	3	Y	OBL		
4. Lepidium nitidum	1	N	FAC	Hydrophytic Vegetation	
5. Crassula aquatica	1	N	OBL	X Dominance Test is	
6. Spergularia bocconi		N	FACW	Prevalence Index	
7. Erodium botrys	1	N	FACU		aptations¹ (Provide supporting s or on a separate sheet)
8		= Total Cov			,
Woody Vine Stratum (Plot size:	11	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)
,				1 Indicators of budric coil	l and watland hydrology must
1. none				be present, unless distu	I and wetland hydrology must urbed or problematic.
2					<u></u>
	0	= Total Cove	er	Hydrophytic Vegetation	
% Bare Ground in Herb Stratum 91 % Co	over of Biotic	Crust	0	Present? Ye	es X No
Remarks: Sample area is a vernal pool that receives r	unoff from a	relatively sma	all local micro	u-watershed. In addition to the	he vernal pool consisting
predominately of hydrophytic vegetation, it does suppo					
Plantago elongata and Crassula aquatica).					

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Feature	es				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks	<u> </u>
_	_								_
¹ Type: C=Con	centration, D=Depletion,	RM=Reduced	Matrix, CS=Covered	or Coated S	and Grains	s. ² L	ocation: PL=Po	ore Lining, RC=Root Channel, M	=Matrix.
Hydric Soil	Indicators: (Applica	ble to all LRI	Rs. unless otherv	vise noted	.)			s for Problematic Hydric S	
Histosol		5.0 to a <u>-</u> . t.		edox (S5)	-,			Muck (A9) (LRR C)	
	pipedon (A2)			Matrix (S6					
	. , ,			•				Muck (A10) (LRR B)	
Black His				lucky Mine				ced Vertic (F18)	
	n Sulfide (A4)			Sleyed Matr				Parent Material (TF2)	
	Layers (A5) (LRR C)		Matrix (F3	,		_X_Other	(Explain in Remarks)	
	ick (A9) (LRR D)			ark Surface	` '				
	d Below Dark Surface	(A11)		Dark Surfa					
	ark Surface (A12)			epressions	(F8)			s of hydrophytic vegetation a	
	lucky Mineral (S1)		Vernal P	ools (F9)				d hydrology must be presen	t,
Sandy G	Bleyed Matrix (S4)						unless	disturbed or problematic.	
Restrictive I	ayer (if present):								
Type:	ayor (ii procont)i								
			_				Lludaia Cail D		Na
Depth (inch	nes):		_			:	Hydric Soil P	resent? Yes X	No
HYDROLOG	SY								
	drology Indicators:						Se	econdary Indicators (2 or n	ore required)
_		oo roquirod: o	shook all that apply	٨			<u> </u>		
	cators (minimum of o	ne requirea, c						_Water Marks (B1) (Riverin	*
	Water (A1)		Salt Crust					_Sediment Deposits (B2) (R	
High Wa	ater Table (A2)		Biotic Cru	st (B12)				_Drift Deposits (B3) (Riveria	ne)
Saturation	on (A3)		Aquatic In	vertebrates	s (B13)			_ Drainage Patterns (B10)	
Water M	larks (B1) (Nonriveri	ne)	Hydrogen	Sulfide Od	lor (C1)			Dry-Season Water Table (C2)
	nt Deposits (B2) (Non		Oxidized I	Rhizospher	es along l	Livina Roo	ts (C3)	Thin Muck Surface (C7)	•
				of Reduce	_	-			
Drift Der	nosits (R3) (Nonriver		Presence			.)		Cravfish Burrows (C8)	
	posits (B3) (Nonriver	iile)			,	,	_	Crayfish Burrows (C8)	Ilmagany (CO)
X Surface	Soil Cracks (B6)		Recent Iro	n Reduction	on in Tilled	,) _	Saturation Visible on Aeria	I Imagery (C9)
X Surface Inundation	Soil Cracks (B6) on Visible on Aerial Ir		Recent Iro	on Reduction Surface (on in Tilled C7)	,)	_ Saturation Visible on Aeria _ Shallow Aquitard (D3)	I Imagery (C9)
X Surface Inundation	Soil Cracks (B6)		Recent Iro	n Reduction	on in Tilled C7)	,)	Saturation Visible on Aeria	I Imagery (C9)
X Surface Inundation	Soil Cracks (B6) on Visible on Aerial Ir tained Leaves (B9)		Recent Iro	on Reduction Surface (on in Tilled C7)	,)	_ Saturation Visible on Aeria _ Shallow Aquitard (D3)	I Imagery (C9)
X Surface Inundati Water-S Field Observ	Soil Cracks (B6) on Visible on Aerial Ir tained Leaves (B9) vations:	magery (B7)	Recent Iro Thin Muck	on Reduction Surface (Graphain in Ref	on in Tilled C7)	,)	_ Saturation Visible on Aeria _ Shallow Aquitard (D3)	I Imagery (C9)
X Surface Inundati Water-S Field Observ Surface Water	Soil Cracks (B6) on Visible on Aerial Ir tained Leaves (B9) vations: er Present? Ye	nagery (B7)	Recent Iro Thin Muck Other (Ex	on Reduction Reduction Reduction (Inc.)	on in Tilled C7)	,)	_ Saturation Visible on Aeria _ Shallow Aquitard (D3)	I Imagery (C9)
X Surface Inundation Water-S Field Observ Surface Water Water Table	Soil Cracks (B6) on Visible on Aerial Ir tained Leaves (B9) vations: er Present? Ye Present? Ye	es No	Recent Iro Thin Muck Other (Ex	on Reduction c Surface (in plain in Reduction in Reducti	on in Tilled C7)	d Soils (C6		Saturation Visible on Aeria Shallow Aquitard (D3) FAC-Neutral Test (D5)	
X Surface Inundation Water-S Field Observ Surface Water Water Table Saturation Pr	Soil Cracks (B6) on Visible on Aerial Ir tained Leaves (B9) vations: er Present? Present? Ye esent? Ye	es No	Recent Iro Thin Muck Other (Ex	on Reduction c Surface (in plain in Reduction in Reducti	on in Tilled C7)	d Soils (C6)	Saturation Visible on Aeria Shallow Aquitard (D3) FAC-Neutral Test (D5)	
X Surface Inundation Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap	Soil Cracks (B6) on Visible on Aerial Ir tained Leaves (B9) vations: er Present? Present? esent? verillary fringe)	es No	Recent Iro Thin Muck Other (Ex	on Reduction C Surface (Complain in Releases): Despire (Complain	on in Tilled C7) marks)	Soils (C6	nd Hydrolog	Saturation Visible on Aeria Shallow Aquitard (D3) FAC-Neutral Test (D5) y Present? Yes X	
X Surface Inundation Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap	Soil Cracks (B6) on Visible on Aerial Ir tained Leaves (B9) vations: er Present? Present? Ye esent? Ye	es No	Recent Iro Thin Muck Other (Ex	on Reduction C Surface (Complain in Releases): Despire (Complain	on in Tilled C7) marks)	Soils (C6	nd Hydrolog	Saturation Visible on Aeria Shallow Aquitard (D3) FAC-Neutral Test (D5) y Present? Yes X	
X Surface Inundation Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap	Soil Cracks (B6) on Visible on Aerial Ir tained Leaves (B9) vations: er Present? Present? esent? verillary fringe)	es No	Recent Iro Thin Muck Other (Ex	on Reduction C Surface (Complain in Releases): Despire (Complain	on in Tilled C7) marks)	Soils (C6	nd Hydrolog	Saturation Visible on Aeria Shallow Aquitard (D3) FAC-Neutral Test (D5) y Present? Yes X	
X Surface Inundation Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap Describe Reco	Soil Cracks (B6) on Visible on Aerial Ir tained Leaves (B9) vations: er Present? Present? esent? esent? veillary fringe) orded Data (stream ga	es Notes Not	Recent Iro Thin Muck Other (Ex Depth (inch Depth (inch Depth (inch Depth (inch Depth (inch	on Reduction C Surface (I plain in Rel nes): nes): nes): otos, previo	on in Tilled C7) marks) ous inspec	Wetlar	nd Hydrolog vailable: n/a	Saturation Visible on Aeria Shallow Aquitard (D3) FAC-Neutral Test (D5) y Present? Yes X	.No
X Surface Inundation Water-S Field Observ Surface Water Water Table of Saturation Properties (includes cap) Describe Reco	Soil Cracks (B6) on Visible on Aerial Ir tained Leaves (B9) vations: er Present? Ye esent? Ye esent? Ye eillary fringe) onded Data (stream general) enough no surface wat	es Notes	Recent Iro Thin Muck Other (Ex Depth (inch	on Reduction C Surface (I plain in Rel nes): nes): otos, previo	on in Tilled C7) marks) ous inspec	Wetlar	nd Hydrolog vailable: n/a	Saturation Visible on Aeria Shallow Aquitard (D3) FAC-Neutral Test (D5) y Present? Yes X	.No
X Surface Inundation Water-S Field Observ Surface Water Water Table of Saturation Properties (includes cap) Describe Reco	Soil Cracks (B6) on Visible on Aerial Ir tained Leaves (B9) vations: er Present? Present? esent? esent? veillary fringe) orded Data (stream ga	es Notes	Recent Iro Thin Muck Other (Ex Depth (inch	on Reduction C Surface (I plain in Rel nes): nes): otos, previo	on in Tilled C7) marks) ous inspec	Wetlar	nd Hydrolog vailable: n/a	Saturation Visible on Aeria Shallow Aquitard (D3) FAC-Neutral Test (D5) y Present? Yes X	.No
X Surface Inundation Water-S Field Observ Surface Water Water Table of Saturation Properties (includes cap) Describe Reco	Soil Cracks (B6) on Visible on Aerial Ir tained Leaves (B9) vations: er Present? Ye esent? Ye esent? Ye eillary fringe) onded Data (stream general) enough no surface wat	es Notes	Recent Iro Thin Muck Other (Ex Depth (inch	on Reduction C Surface (I plain in Rel nes): nes): otos, previo	on in Tilled C7) marks) ous inspec	Wetlar	nd Hydrolog vailable: n/a	Saturation Visible on Aeria Shallow Aquitard (D3) FAC-Neutral Test (D5) y Present? Yes X	.No
X Surface Inundation Water-S Field Observ Surface Water Water Table of Saturation Properties (includes cap) Describe Reco	Soil Cracks (B6) on Visible on Aerial Ir tained Leaves (B9) vations: er Present? Ye esent? Ye esent? Ye eillary fringe) onded Data (stream general) enough no surface wat	es Notes	Recent Iro Thin Muck Other (Ex Depth (inch	on Reduction C Surface (I plain in Rel nes): nes): otos, previo	on in Tilled C7) marks) ous inspec	Wetlar	nd Hydrolog vailable: n/a	Saturation Visible on Aeria Shallow Aquitard (D3) FAC-Neutral Test (D5) y Present? Yes X	.No

Project/Site: Southwest Village Specific Plan			City/Cour	nty: San Dieg	o, CA	_Sampling Date: Marc	h 4, 2018
Applicant/Owner: Pardee Homes					State: CA	_Sampling Point: 85	
Investigator(s): Beth Procsal, JR Sundberg			Section,	Township, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa top			Local re	lief (concave,	convex, none): concave	Slope (%):	0-2
Subregion (LRR): LRR-C		Lat: 3	32.55852		Long: -117.01911	 Datum: NA[D83
Soil Map Unit Name: Huerhuero loam, 2 to 9 per					NWI classification		
Are climatic / hydrologic conditions on the site typ	ical for	this time of	year? Yes	X No	o (If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrok					· · · · · · · · · · · · · · · · · · ·		No
Are Vegetation, SoilX, or Hydrok							
SUMMARY OF FINDINGS – Attach site m	ap sn	owing sa	mpling poi	nt locations	s, transects, importan	t teatures, etc.	
Hydrophytic Vegetation Present? Yes	Χ	No	_ 1-41	0 1 1	A		
Hydric Soil Present? Yes	Χ	No x	I	he Sampled . hin a Wetland	YAC	X No	
Wetland Hydrology Present? Yes	Χ	No	_ ****	iiii a vvotiaii	u.		
Remarks: The majority of the vegetation on the	site has	s been dist	urbed due to	past land use	es. This feature was sampl	ed during the growing s	eason and
meets the wetland criteria.				,		99 -	
VEGETATION – Use scientific names of p	plants						
Tree Stratum (Plot size:)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work		
1. none	,	70 OOVCI	_орсоюз:_	Otatus	Number of Dominant Sp That Are OBL, FACW, of		(A)
2.					Total Number of Domin	·	(' ')
3.					Species Across All Stra		(B)
4.					Percent of Dominant Sp	pecies	
			= Total Cove	er	That Are OBL, FACW, o	or FAC: 80%	(A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none					Prevalence Index wor	ksheet:	
2.					Total % Cover of:	Multiply by:	
3					OBL species	x 1 =	
4					FACW species	x 2 =	
5					FAC species		
			= Total Cove	er	FACU species	<u> </u>	
Herb Stratum (Plot size:)					UPL species	x 5 =	
Psilocarphus brevissimus		1	Y	FACW	Column Totals:	(A)	(B)
2. Spergularia bocconi		1	Y	FACW	Prevalence Inde	ex = B/A =	
3. Plagiobothrys acanthocarpus		1	Y	OBL			
4. Crassula aquatica		1	<u>Y</u>	OBL	Hydrophytic Vegetation		
5. Erodium botrys		1	Y	FACU	X Dominance Test		
6.					Prevalence Index		
7						laptations¹ (Provide sup tks or on a separate she	
8			= Total Cov			·	<i>'</i>
Woody Vine Stratum (Plot size:	١	5	= Total Cov	/er	Problematic Hydr	ophytic Vegetation¹ (Ex	.plain)
	′				1 Indicators of budgie of	il and watland bydralag	u must
1. none					be present, unless dist	oil and wetland hydrology turbed or problematic.	y must
2			- Total Cau			<u></u>	
		0	= Total Cove	er	Hydrophytic Vegetation		
% Bare Ground in Herb Stratum 95	% Cov	er of Biotic	Crust	0	, ,	es X No	
Remarks: Sample area is a vernal pool that rece	ives rur	noff from a	relatively sma	all local micro	watershed. The sample a	area also supports a	
predomince of hydrophytic vegetation and support	rts three	e vernal po	ol plant indica				ı l
Plagiobothrys acanthocarpus) and is known to su	ipport S	San Diego f	airy shrimp.				

Color (moist)	Indicators 1 cm N 2 cm N Reduc Red Pi X Other of	Remarks no redox no redox re Lining, RC=Root Channel, M=Matrix. for Problematic Hydric Soils³: fuck (A9) (LRR C) fuck (A10) (LRR B) ed Vertic (F18) arent Material (TF2) (Explain in Remarks) of hydrophytic vegetation and bydrology must be present, disturbed or problematic.
1-18 7.5YR 4/3 100 1-Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Sandy Redox (S5) Histic Epipedon (A2) Stripped Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Torm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) Restrictive Layer (if present): Type: Depth (inches): Remarks: No redox features observed. However, hydric soils are assumed here as problema wetland hydrology. This feature is a vernal pool that is seasonally ponded and may lack hydric conditions, or other factors, which may include human-caused disturbance. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) High Water Table (A2) Biotic Crust (B12) Saturation (A3) X Aquatic Invertebrates (B13) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Oxidized Rhizospheres along Living Recent Iron Reduced Iron (C4) X Surface Soil Cracks (B6) Recent Iron Reduced Iron (C4) X Surface Soil Cracks (B6) Recent Iron Reduced Iron (Table Soils (Inundation Visible on Aerial Imagery (B7)	sandy clay 2Location: PL=Po Indicators 1 cm N 2 cm N Reduce Red Pa X Other of	no redox re Lining, RC=Root Channel, M=Matrix. for Problematic Hydric Soils³: Muck (A9) (LRR C) Muck (A10) (LRR B) ed Vertic (F18) arent Material (TF2) (Explain in Remarks) of hydrophytic vegetation and bydrology must be present, disturbed or problematic.
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Sandy Redox (S5) Histic Epipedon (A2) Stripped Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Depleted Dark Surface (F6) Depleted Below Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) Restrictive Layer (if present): Type: Depth (inches): Remarks: No redox features observed. However, hydric soils are assumed here as problema wetland hydrology. This feature is a vernal pool that is seasonally ponded and may lack hydric conditions, or other factors, which may include human-caused disturbance. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) High Water Table (A2) Biotic Crust (B12) Saturation (A3) X Aquatic Invertebrates (B13) Water Marks (B1) (Nonriverine) Sediment Deposits (B3) (Nonriverine) Sediment Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7)	² Location: PL=Poi Indicators 1 cm N 2 cm N Reduc Red Poi X_ Other of	re Lining, RC=Root Channel, M=Matrix. for Problematic Hydric Soils³: Muck (A9) (LRR C) Muck (A10) (LRR B) ed Vertic (F18) arent Material (TF2) (Explain in Remarks) of hydrophytic vegetation and bydrology must be present, disturbed or problematic.
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Sandy Mucky Mineral (S1)	wetland	I hydrology must be present, disturbed or problematic.
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Depth (inches):		esent? Yes X No
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Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) X Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Oxidized Rhizospheres along Living R Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (Thin Muck Surface (C7)		Dry-Season Water Table (C2)
Drift Deposits (B3) (Nonriverine) X Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (Thin Muck Surface (C7)	toots (C3)	Thin Muck Surface (C7)
Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7)	. ,	Crayfish Burrows (C8)
	C6)	Saturation Visible on Aerial Imagery (C
Water-Stained Leaves (B9) Other (Explain in Remarks)		Shallow Aquitard (D3)
		FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes No _X _Depth (inches):		
Water Table Present? Yes No Depth (inches):		Present? Voc V No
Saturation Present? Yes NoDepth (inches): Wet (includes capillary fringe)	danal Underslaan	Present? Yes X No
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), i	tland Hydrology	
Remarks: Although no surface water was present at the time of the delineation, evidence of su		
shrimp indicate that the area ponds water and supports wetland hydrology.	if available: n/a	and the presence of San Diego fairy

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA	Sampling Date: April 4, 20)18
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 86	
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave	Slope (%): 0-2	<u>!</u>
Subregion (LRR): LRR-C	Lat: 3	32.55933		Long: -117.01897	Datum: NAD83	
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classificatio	on: None	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology)
Are Vegetation Soil or Hydrology						
SUMMARY OF FINDINGS – Attach site map sl						
Hydrophytic Vegetation Present? Yes	No X					
Hydric Soil Present? Yes	No X	15 11	ne Sampled <i>i</i> nin a Wetland	VΔC	No X	
Wetland Hydrology Present? Yes X		witi	iii a vveudiii			
Remarks: The majority of the vegetation on the site had does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sample	ed during the growing seaso	on and
VEGETATION – Ose scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Sp		
1. none				That Are OBL, FACW, o		(A)
2. 3.				Total Number of Domina Species Across All Strata		(B)
				Percent of Dominant Spe	ecies	
T		= Total Cove	er	That Are OBL, FACW, o	or FAC:((A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index work	sheet:	
2.				Total % Cover of:	Multiply by:	
3				OBL species	x 1 =	
4				FACW species	x 2 =	
5				FAC species		
		= Total Cove	er	FACU species		
Herb Stratum (Plot size:)			=1011	UPL species	x 5 =	_,
1. Psilocarphus brevissimus	<u><1</u>	N	FACW	Column Totals:	(A)(E	3)
Plantago elongata Hordeum murinum	<u><1</u> <1	N	FACU	Prevalence Index	x = B/A =	
Hordeum murinum Spergularia bocconi		N	FACU FACW	Livelyan by the Manatatio	n Indiantoro	-
	-			Hydrophytic Vegetation Dominance Test is		
6				Prevalence Index		
7					aptations¹ (Provide supporti	ina
8.					ks or on a separate sheet)	'ig
		= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain	"
Woody Vine Stratum (Plot size:				ribbioinado riyare	spriyas vogstation (Explain	',
1. <u>none</u>				¹ Indicators of hydric soi be present, unless distu	il and wetland hydrology mu	ıst
2						
	0	= Total Cove	er	Hydrophytic Vegetation		
	ver of Biotic		0	Present? Ye		
Remarks: Sampled during the growing season, but veg pool plant indicator species (Psilocarphus brevissimus a			(less than 5%	b) to be considered hydrop	hytic. It does support two ve	ernal

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ires		_		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks
									
							-		
¹ Type: C=Con	centration, D=Depletion,	RM=Reduced	Matrix, CS=Covered	or Coated	Sand Grains	s. ² l	Location: PL=P	ore Lining, RC	=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applica	ble to all LR	Rs, unless otherv	vise note	d.)		Indicator	s for Proble	matic Hydric Soils ³ :
Histosol				edox (S5)				Muck (A9) (L	•
	oipedon (A2)			Matrix (S				Muck (A10)	•
Black Hi				lucky Min				iced Vertic (F	
	n Sulfide (A4)			Bleyed Ma				Parent Mater	-
		`		-					
	Layers (A5) (LRR C)		l Matrix (F	,			r (Explain in f	Remarks)
	ick (A9) (LRR D)	(A11)		ark Surfac	` '				
	Below Dark Surface	(ATT)		I Dark Sur			31		dia wasandadia a amad
	ark Surface (A12)			epression	is (F8)				ytic vegetation and
	lucky Mineral (S1)		Vernal P	ools (F9)					must be present,
Sandy G	ileyed Matrix (S4)						unies	s disturbed of	r problematic.
Restrictive L	.ayer (if present):								
Type:									
Depth (inch	nes).		_				Hydric Soil F	Present?	Yes No X
Dopui (moi			=				Trydrio Con T	TOOCHE:	165 166X
HYDROLOG	Υ								
Wetland Hy	drology Indicators:						S	econdary Ind	dicators (2 or more required)
Primary Indi	cators (minimum of o	ne required; o	heck all that apply	/)				Water Marl	ks (B1) (Riverine)
X Surface		· · · · · · · · · · · · · · · · · · ·	Salt Crust						Deposits (B2) (Riverine)
	` '								
	ater Table (A2)		Biotic Cru		- (D40)		_	_	sits (B3) (Riverine)
Saturation	· /		Aquatic In		` '			_	Patterns (B10)
	larks (B1) (Nonriveri		Hydrogen					_ Dry-Seaso	n Water Table (C2)
Sedimer	nt Deposits (B2) (Non	riverine)	Oxidized I	Rhizosphe	eres along	Living Roo	ots (C3)	_Thin Muck	Surface (C7)
Drift Dep	oosits (B3) (Nonriver	ine)	Presence	of Reduc	ed Iron (C4	·)		_ Crayfish Bu	urrows (C8)
Surface	Soil Cracks (B6)		Recent Iro	on Reduct	ion in Tilled	d Soils (C6	3)	_ Saturation	Visible on Aerial Imagery (C9)
 Inundati	on Visible on Aerial Ir	nagery (B7)	Thin Muck	s Surface	(C7)			Shallow Ac	quitard (D3)
Water-S	tained Leaves (B9)	• • • • •	Other (Ex	plain in Re	emarks)				ral Test (D5)
				,			_		(,
Field Observ									
Surface Water			D_X_Depth (inch			_			
Water Table	Present? Ye	esNo	Depth (inch	nes):		_			
Saturation Pr	esent? Ye	es No	Depth (inch	nes):		Wetla	nd Hydrolog	y Present?	Yes X No
(includes cap	illary fringe)								
Describe Reco	orded Data (stream ga	auge, monito	ring well, aerial ph	otos, prev	ious inspec	ctions), if a	available: n/a	1	
									nd wetland hydrology. Water
table level and	I saturation are not kr	own as a soi	I pit was not dug d	ue to the	tact that pr	otocol fair	y shrimp surv	eys were bei	ing conducted concurrently.

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: April 4, 2018						
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 87						
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W						
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave Slope (%): 0-2						
Subregion (LRR): LRR-C	Lat: 3	32.55891		Long: -117.01880 Datum: NAD83						
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None						
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)						
Are Vegetation X, Soil , or Hydrology			· ·							
				(If needed, explain any answers in Remarks.)						
SUMMARY OF FINDINGS – Attach site map sh										
SUMMART OF FINDINGS - Attach site map si	lowing Sai		iit iocations	s, transects, important reatures, etc.						
Hydrophytic Vegetation Present? Yes X	No	_ le #	ne Sampled	Δτοα						
Hydric Soil Present? Yes X	_No		nin a Wetlan	YAS X NO						
Wetland Hydrology Present? YesX	_No	_								
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and meets the wetland criteria.										
VEGETATION										
VEGETATION – Use scientific names of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:						
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species						
1. none				That Are OBL, FACW, or FAC:4(A)						
2				Total Number of Dominant						
3				Species Across All Strata: 7 (B)						
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 57 (A/B)						
		= Total Cove	er	(*12)						
Sapling/Shrub Stratum (Plot size:)				Barrelan a la decembra de la constante de						
1. <u>none</u> 2.				Prevalence Index worksheet: Total % Cover of: Multiply by:						
				OBL species 0 x 1 = 0						
				FACW species 4 x 2 = 8						
				FAC species 0 x 3 = 0						
S		= Total Cove		FACU species 4 x 4 = 16						
Herb Stratum (Plot size:)		. 510 5511		UPL species 0 x 5 = 0						
1. Plantago elongata	1	Υ	FACW	Column Totals: 8 (A) 24 (B)						
2. Hordeum murinum	2	Y	FACU	Dravalance Index = B/A = 2						
3. Matricaria discoidea	1	Y	FACU	Prevalence Index = B/A = 3						
4. Spergularia bocconi	1	Υ	FACW	Hydrophytic Vegetation Indicators:						
5. Psilocarphus brevissimus	1	Υ	FACW	_X Dominance Test is >50%						
6. Erodium botrys	1	Y	FACU	_X Prevalence Index is ≤3.0¹						
7. Lepidium latipes	1	Y	FACW	Morphological Adaptations ¹ (Provide supporting						
8				data in Remarks or on a separate sheet)						
	8	= Total Cov	/er	Problematic Hydrophytic Vegetation¹ (Explain)						
Woody Vine Stratum (Plot size:)										
1. none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.						
2		- Total Cove		<u> </u>						
	0	= Total Cove	zi .	Hydrophytic Vegetation						
% Bare Ground in Herb Stratum 92 % Co	ver of Biotic	Crust	0	Present? Yes X No						
Remarks: Sample area is a vernal pool that receives ru										
predominately of hydrophytic vegetation, it does suppor	t two vernal	pool plant ind	dicator specie	es (Psilocarphus brevissimus and Plantago elongata).						

Profile Desc Depth	cription: (Describe t Matrix	to the depth		ent the inc dox Featu		confirm t	the absence of	of indicators.)
(inches)	Color (moist)	 -	Color (moist)	%	Type ¹	Loc ²	– Texture	Remarks
0-4	10YR 4/1	100	00.0. (0.0.)				clay	
			7 EVD 4/2				- · · · · · · · · · · · · · · · · · · ·	
4-8	10YR 5/2	95	7.5YR 4/3	5	C	M	clay	
							_	
							_	
							_	
	-						_	
							_	
	ncentration, D=Depletio					s. ²		ore Lining, RC=Root Channel, M=Matrix.
-	I Indicators: (Applic	able to all L						s for Problematic Hydric Soils ³ :
— Histoso				Redox (S5)				Muck (A9) (LRR C)
	Epipedon (A2)			Matrix (S	•			Muck (A10) (LRR B)
	Histic (A3)			Mucky Min	. ,			ced Vertic (F18) Parent Material (TF2)
	en Sulfide (A4) ed Layers (A5) (LRR (x Deplete	Gleyed Ma				(Explain in Remarks)	
l 	luck (A9) (LRR D)	C)		u Matrix (F Dark Surfa	,		Other	(Explain in Remarks)
	ed Below Dark Surfac	· (Δ11)		d Dark Sur	` '			
	Dark Surface (A12)	<i>(</i> (())		Depression			3Indicators	s of hydrophytic vegetation and
	Mucky Mineral (S1)		Pools (F9)	()			id hydrology must be present,	
	Gleyed Matrix (S4)			()				disturbed or problematic.
Restrictive	Layer (if present):							
l	novel refusal							
Depth (inc							Hydric Soil P	resent? Yes X No
							'	
Remarks. 10	edox features observ	eu						
HYDROLO	GY							
	ydrology Indicators	.•					Se	econdary Indicators (2 or more required)
·	licators (minimum of		· check all that anni	v)			<u> </u>	Water Marks (B1) (Riverine)
	e Water (A1)	one required	Salt Crus	.,				Sediment Deposits (B2) (Riverine)
	/ater Table (A2)		Biotic Cru					Drift Deposits (B3) (Riverine)
					oc (B13)		-	
	tion (A3) Marka (B1) (Napriva)	rino\		nvertebrate n Sulfide C			-	_ Drainage Patterns (B10) Dry-Season Water Table (C2)
	Marks (B1) (Nonrive	-	<u> </u>		, ,	Livina Do		= · · · · · · · · · · · · · · · · · · ·
	ent Deposits (B2) (No	-		Rhizosphe	_	_		_ Thin Muck Surface (C7)
	eposits (B3) (Nonrive	erine)		of Reduc	•	•		_ Crayfish Burrows (C8)
	e Soil Cracks (B6)	lua a ma m . /DZ		on Reduct		a Solis (C	· ^o) —	_ Saturation Visible on Aerial Imagery (C9)
	tion Visible on Aerial			k Surface	, ,			_ Shallow Aquitard (D3)
vvater-	Stained Leaves (B9)		Other (E)	cplain in Re	emarks)			_FAC-Neutral Test (D5)
Field Obser	rvations:							
Surface Wa			No X Depth (inc					
Water Table	Present?	Yes	No Depth (inc	hes):		_		
Saturation F		res	No Depth (inc	hes):		Wetla	and Hydrolog	y Present? Yes X No
	pillary fringe)	-						
Describe Red	corded Data (stream	gauge, monit	toring well, aerial ph	notos, prev	ious inspe	ctions), if	available: n/a	
Remarks: Al	though no surface wa	ater was nres	sent at the time of the	ne delineat	ion, evider	nce of surf	face soil crack	s indicate that the area ponds water and
	though no surface wa land hydrology.	ater was pres	sent at the time of th	ne delineat	ion, evider	nce of surf	face soil crack	s indicate that the area ponds water and
	•	ater was pres	sent at the time of th	ne delineat	ion, evider	nce of surf	face soil crack	s indicate that the area ponds water and
	•	ater was pres	sent at the time of th	ne delineat	ion, evider	nce of surf	face soil crack	s indicate that the area ponds water and

Project/Site: Southwest Village Specific P	lan		City/Cour	nty: San Dieg	o, CA	_Sampling Date: _l	Varch 4, 2018
Applicant/Owner: Pardee Homes					State: CA	_Sampling Point: 8	38
Investigator(s): Beth Procsal, JR Sundberg	g		Section,	Township, R	Range: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa to	p		Local re	lief (concave	, convex, none): concave	Slope	(%): 0-2
Subregion (LRR): LRR-C		Lat:	32.55854		Long: -117.01913	 Datum	: NAD83
Soil Map Unit Name: Huerhuero loam, 2					NWI classificati	on: None	
Are climatic / hydrologic conditions on the	site typical fo	or this time of	f year? Yes	X No	o (If no, explain ir	n Remarks.)	
Are Vegetation X, Soil , or				-			X No
	_				(If needed, explain any an	_	
	_						
SUMMARY OF FINDINGS – Attach	site map s	nowing sa	mpling poi	nt location	s, transects, importar	it teatures, etc.	
Hydrophytic Vegetation Present?	Yes X	_No			_		
Hydric Soil Present?	Yes X	No		he Sampled hin a Wetlan	VΔC	X No	_
Wetland Hydrology Present?	Yes X	No	•••••	illi a vvetiali	u:		
Remarks: The majority of the vegetation	on the site h	as been dist	urbed due to	past land use	es. This feature was samp	led during the grow	ing season and
meets the wetland criteria.				pastialia ast		ou daning the great	
VEGETATION – Use scientific nam	es of plant						
Tree Stratum (Plot size:	1	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work		
1. none	/	70 COVEI	_opedes:	Status	Number of Dominant S That Are OBL, FACW,		1 (A)
2.					Total Number of Domin		<u> </u>
3.					Species Across All Stra	nta:	1 (B)
1					Percent of Dominant Sp		
4.	-		= Total Cove	er	That Are OBL, FACW,	or FAC:10	00% (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none					Prevalence Index wor	ksheet:	
2.					Total % Cover of:	Multiply	/ by:
3					OBL species	x 1 =	
4					FACW species	x 2 =	
5					FAC species		
			= Total Cove	er	FACU species		
Herb Stratum (Plot size:)				UPL species	x 5 =	
Psilocarphus brevissimus		25	Y	FACW	Column Totals:	(A)	(B)
2. Plantago elongata		1	N	UPL	Prevalence Inde	ex = B/A =	
3. Plagiobothrys acanthocarpus			N	OBL			
4. Deinandra fasciculata		1	N	OBL	Hydrophytic Vegetation		
5. Erodium botrys			N	FACU	X Dominance Test		
6. Spergularia bocconi		5	N	FACW_	Prevalence Index		
7						daptations¹ (Provide rks or on a separate	
8			T-4-1 0			·	<i>'</i>
Woody Vine Stratum (Plot size:	1	34	= Total Cov	ver	Problematic Hydi	rophytic Vegetation	' (Explain)
\ \					1 Indicators of budgie of	ail and watland hyd	rala av musat
1. none					¹ Indicators of hydric so be present, unless dis		
2			- Total Cave				
		0	= Total Cove	er	Hydrophytic Vegetation		
% Bare Ground in Herb Stratum 66	% C	over of Biotic	Crust	0	•	es X No	
Remarks: Sample area is a vernal pool th	at receives r	runoff from a	relatively sma	all local micro	ub-watershed. The sample a	area also supports :	
predomince of hydrophytic vegetation and	supports thr	ee vernal po					
Plagiobothrys acanthocarpus). Leaf litter is	s present witl	hin basin.					

Depth (inches) Color 0-2 10YR 3/3 3-18 10YR 4/4		Color (moist)	Redox Featu				
			%	Type ¹	Loc ²	Texture	Remarks
3-18 10YR 4/	4 100					sandy clay	no redox
						sandy clay	no redox
					-		
		_					-
		_					-
							-
¹ Type: C=Concentration,	D=Depletion, RM=Rec	duced Matrix, CS=Cov	ered or Coated	Sand Grains.	² Lo	ocation: PL=Pore	Lining, RC=Root Channel, M=Matrix.
Hydric Soil Indicator	s: (Applicable to a	II LRRs, unless ot	herwise note	d.)		Indicators for	or Problematic Hydric Soils ³ :
Histosol (A1)			ly Redox (S5)				ck (A9) (LRR C)
Histic Epipedon (/	A2)		ped Matrix (Se	,			ck (A10) (LRR B)
Black Histic (A3) Hydrogen Sulfide	(Δ1)		ny Mucky Min ny Gleyed Ma	` '			l Vertic (F18) ent Material (TF2)
Stratified Layers (eted Matrix (F	, ,			xplain in Remarks)
1 cm Muck (A9) (I			ox Dark Surfac	,		<u></u>	, in the second
Depleted Below D	ark Surface (A11)	Depl	eted Dark Sur	face (F7)			
Thick Dark Surface	` '		ox Depression al Pools (F9)	s (F8)			f hydrophytic vegetation and
Sandy Mucky Min	` '		wetland hydrology must be present,				
Sandy Gleyed Ma	itrix (S4)					uniess di	sturbed or problematic.
Restrictive Layer (if p	present):						
Туре:							
Depth (inches):						Hydric Soil Pres	sent? Yes X No No
conditions, or other fac							e to limited saturation depth, saline
HYDROLOGY							
Wetland Hydrology	Indicators:						ndary Indicators (2 or more requir
Primary Indicators (m		red; check all that a	pply)				Vater Marks (B1) (Riverine)
Surface Water (A	,		rust (B11)				ediment Deposits (B2) (Riverine)
High Water Table	(A2)		Crust (B12)				rift Deposits (B3) (Riverine)
Saturation (A3)			ic Invertebrate	, ,			Prainage Patterns (B10)
Water Marks (B1)	•		gen Sulfide O				Pry-Season Water Table (C2)
	ts (B2) (Nonriverine	-	ed Rhizosphe	_	ving Root	• • —	hin Muck Surface (C7)
Drift Deposits (B3 X Surface Soil Crac	, ,		nce of Reduc		Soile (C6)		rayfish Burrows (C8) aturation Visible on Aerial Imagery (0
	e on Aerial Imagery (nt Iron Reduct ∕luck Surface		Solis (Co,		hallow Aquitard (D3)
Water-Stained Le		·	(Explain in Re	. ,			AC-Neutral Test (D5)
	()		(
Field Observations	t2 Vos	No. Y. Donth	inchoc):				
Field Observations:		No X Depth (No X Depth (-		
Surface Water Presen	100	No X Depth (- Wetlan	d Hydrology F	Present? Yes X No
Surface Water Present?					-	,	
Surface Water Presen	Yes						
Surface Water Present Water Table Present? Saturation Present? (includes capillary fring	Yes	onitoring well, aeria	l photos, prev	ious inspect	ions), if av	/ailable: n/a	
Surface Water Present Water Table Present? Saturation Present? (includes capillary fring	Yes	onitoring well, aeria	l photos, prev	ious inspect	ions), if av	/ailable: n/a	
Surface Water Present Water Table Present? Saturation Present? (includes capillary fring Describe Recorded Dat	Yes ge) a (stream gauge, m			-	· 		
Surface Water Present Water Table Present? Saturation Present? (includes capillary fring Describe Recorded Data Remarks: Although no	Yesge) a (stream gauge, most surface water was p			-	· 		ndicate that the area ponds water and
Surface Water Present Water Table Present? Saturation Present? (includes capillary fring Describe Recorded Data	Yesge) a (stream gauge, most surface water was p			-	· 		ndicate that the area ponds water and

t slopes	Local re 32.55839	elief (concave	State: CA Sampling Point: 89 Range: Section 31, T18S R01W , convex, none): concave Slope (%): 0-2			
Lat: t slopes	Local re 32.55839	elief (concave				
Lat: t slopes	Local re 32.55839	elief (concave				
t slopes	32.55839	•	, , <u>, , , , , , , , , , , , , , , , , </u>			
t slopes			Long: -117.01916 Datum: NAD83			
			o(If no, explain in Remarks.)			
			Are "Normal Circumstances" present? Yes X No			
	ally problema	ilic: 165	(ii needed, explain any answers in Nemarks.)			
showing sa	mpling poi	nt location	s, transects, important features, etc.			
No						
No		•	YAS X NO			
No	With	illii a vvetiali				
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and meets the wetland criteria. VEGETATION – Use scientific names of plants.						
Absolute	Dominant	Indicator	Dominance Test worksheet:			
			Number of Dominant Species			
			That Are OBL, FACW, or FAC:1(A)			
			Total Number of Dominant Species Across All Strata:			
			Percent of Dominant Species (B)			
	- Total Cov		That Are OBL, FACW, or FAC: 50% (A/B)			
, ———	- Total Cov	eı				
,			Prevalence Index worksheet:			
			Total % Cover of: Multiply by:			
			OBL species 2 x 1 = 2			
			FACW species 8 x 2 = 16			
			FAC species 0 x 3 = 0			
	= Total Cov	er	FACU species 2 x 4 = 8			
			UPL species1 x 5 =5			
5	Υ	FACW	Column Totals:13 (A)31(B)			
1	N	UPL	Prevalence Index = B/A = 2.0			
_ 1	N	OBL	Trovalence index. Ent. E.c.			
1	N	OBL	Hydrophytic Vegetation Indicators:			
_ 1	N	FACU	Dominance Test is >50%			
_ 1	N	FACU	X Prevalence Index is ≤3.0¹			
2	Y	FACW	Morphological Adaptations ¹ (Provide supporting			
1	N	FACW	data in Remarks or on a separate sheet)			
13	= Total Co	ver	Problematic Hydrophytic Vegetation ¹ (Explain)			
)						
			¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.			
	= Total Cov	or	The described to			
		CI	Hydrophytic Vegetation			
Cover of Biotic	Crust	0	Present? Yes X No			
			p-watershed. In addition to the vernal pool consisting			
oort four verna	ı pool plant in	idicator speci	es (Psilocarphus brevissimus, Plagiobothrys acanthocarpus,			
	natur showing sa No No No No No has been dist nts. Absolute % Cover 1 1 1 1 1 2 1 1 1 2 1 13) Cover of Biotics srunoff from a	No	naturally problematic? Yes showing sampling point location No No Show in a Wetlan State Sampled within a Wetlan State Show in a Wetlan Show in a Wetla			

Depth _	Matrix			dox Feat	ures		_			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remar	ks
0-1 1	0YR 3/2	97	5YR 4/6	3	С	RC	sandy clay			
1-18 1	0YR 4/3	100					sandy clay	no redo	X	
		· 								
							-			
			ed Matrix, CS=Covered			2	Location: PL=P		Root Channel,	
-		able to all t	•	Redox (S5	•				-	Solis".
Histosol (A	•			Matrix (S	,			Muck (A9) (L Muck (A10) (
Black Histi				,	neral (F1)			ced Vertic (F		
	Sulfide (A4)			Gleyed M	, ,			Parent Materi	•	
	ayers (A5) (LRR	C)		d Matrix ((Explain in F	` '	
	(A9) (LRR D)	•,		ark Surfa	,		<u></u>	(Explain in i	tornaritoj	
	Below Dark Surfac	e (A11)			ırface (F7)					
Thick Dark	Surface (A12)	,		epressio	` '		3Indicator	s of hydrophy	tic vegetation	and
Sandy Mucky Mineral (S1) Vernal Pools (F9)							wetlar	nd hydrology	must be prese	ent,
Sandy Gle	eyed Matrix (S4)						unless	s disturbed or	problematic.	
	yer (if present):									
Type:			<u></u>						., .,	
Depth (inche	s):						Hydric Soil F	resent?	Yes X	No
HYDROLOGY	,									
	rology Indicators	:					Se	econdary Inc	dicators (2 or	more required
•			d; check all that appl	v)			_		s (B1) (Rive	
Surface W	•		Salt Crus					_	Deposits (B2)	· ·
	er Table (A2)		Biotic Cru	` ,				_	sits (B3) (Rive	
Saturation	` ,		Aquatic Ir	` ,	tes (B13)				atterns (B10)	,
_	rks (B1) (Nonrive	rine)	Hydroger		,				n Water Table	
	Deposits (B2) (No		<u> </u>		eres along Li	vina Ro	ots (C3)	_	Surface (C7)	(0=)
	sits (B3) (Nonrive	-		•	ced Iron (C4)			Crayfish Bu	, ,	
	oil Cracks (B6)				tion in Tilled	Soils (C	6)	_		rial Imagery (C9
_	Visible on Aerial	Imagery (B7				0,0,0,0	_	Shallow Aq		iai iiiagoi y (oo
	ined Leaves (B9)	magory (D7	Other (Ex				_	_	al Test (D5)	
Field Observa										
Surface Water			No X Depth (incl			-				
Water Table Pr			No X Depth (incl			-				
Saturation Pres (includes capillation)		/es	No X Depth (incl	nes):		- Wetla	and Hydrolog	y Present?	Yes X	No
Describe Record	ded Data (stream	gauge, mon	itoring well, aerial ph	otos, pre	vious inspect	ions), if	available: n/a	I		
Remarks: Altho	ugh no surface wa	ater was pre	sent at the time of th	e delinea	tion, evidenc	e of sur	face soil crack	s indicate tha	at the area po	nds water and
supports wetlan	•	p. o								

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: April 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 90
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55948		Long: -117.01905 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology			·	
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
			in location.	s, transects, important reatures, etc.
	_NoX	_ Is th	ne Sampled	Area
Hydric Soil Present? Yes	No X	I	nin a Wetlan	YAS NO X
Wetland Hydrology Present? Yes X	_No	_		
does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed dde to	past land use	es. This feature was sampled during the growing season and
	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1. <u>none</u> 2.				That Are OBL, FACW, or FAC: 0 (A)
3				Total Number of Dominant Species Across All Strata:
				Percent of Dominant Species (B)
4.		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)		. 510 5511		
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species1 x 1 =1
4.				FACW species 3 x 2 = 6
5				FAC species 0 x 3 = 0
		= Total Cove	er	FACU species 22 x 4 = 88
Herb Stratum (Plot size:)				UPL species 1 x 5 = 5
1. Hordeum murinum		Y	FACU	Column Totals: (A) (B)
2. Psilocarphus brevissimus	3	N	FACW	Prevalence Index = B/A = 3.7
3. Bromus hordeaceus		N	FACU	Hadron badle Venetadien badle ten
Bromus madritensis Plagiobothrys acanthocarpus	1	N	UPL OBL	Hydrophytic Vegetation Indicators:
				Dominance Test is >50% Prevalence Index is ≤3.0¹
8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
<u> </u>	27	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:		rotal Got		Troblematic Hydrophytic Vegetation (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
	0	= Total Cove	er	Hydrophytic
0/ Para Craund in Harb Stratum 72 0/ Ca	ver of Dietie			Vegetation
	ver of Biotic	-	0	Present? Yes No X
Remarks: Sample area is a vernal pool that receives rupredomince of hydrophytic vegetation. It does support to acanthocarpus).				

Profile Desc Depth	ription: (Describe to Matrix	the depth nee		ent the inc		confirm t	the absence of	indicators.)		
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks		
(ITICITES)	Color (moist)		zoloi (moist)		туре .	LUC	Texture			
								_		
							-	-		
							_			
							-			
¹ Type: C=Co	ncentration, D=Depletion	RM=Reduced M	latrix CS=Covere	d or Coated	Sand Grains	s 2	l ocation: PI =Por	re Lining, RC=Root Channel, M=Matrix.		
	Indicators: (Application					J.		for Problematic Hydric Soils ³ :		
_		able to all Livin						•		
Histoso				Redox (S5)				Muck (A9) (LRR C)		
_	pipedon (A2)			Matrix (Se	,			fluck (A10) (LRR B)		
	istic (A3)			Mucky Min	. ,			ed Vertic (F18)		
	en Sulfide (A4)	• `		Gleyed Ma				arent Material (TF2)		
	d Layers (A5) (LRR (خ)		d Matrix (F	,		Other (Explain in Remarks)		
	uck (A9) (LRR D)	(4.4.4)		Dark Surfac	` '					
	d Below Dark Surfac	e (A11)		d Dark Sur			31 11 1			
	ark Surface (A12)			Depression	s (F8)			of hydrophytic vegetation and		
	Mucky Mineral (S1)		Vernal F	Pools (F9)				hydrology must be present,		
Sandy 0	Gleyed Matrix (S4)						unless	disturbed or problematic.		
Restrictive	Layer (if present):									
Type:										
Depth (inc	hes):						Hydric Soil Pre	esent? Yes No X		
							t the hydrophyt	ic vegetation standard to be considered a		
welland. The	erefore, no soil pit wa	s dug and nydri	c soils are not c	onsidered i	to be prese	ent.				
HYDROLOG	rv.									
	/drology Indicators:						Soc	condary Indicators (2 or more required)		
-			ank all that appl)						
	cators (minimum of o	one requirea; cn		,				Water Marks (B1) (Riverine)		
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)		
High W	ater Table (A2)		Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)		
Saturati	on (A3)		Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)		
Water N	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)			Dry-Season Water Table (C2)		
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	Thin Muck Surface (C7)		
	posits (B3) (Nonrive	•		of Reduce	_			Crayfish Burrows (C8)		
	Soil Cracks (B6)			on Reduct	-			Saturation Visible on Aerial Imagery (C9)		
						u Solis (C				
	ion Visible on Aerial I	magery (B7)		k Surface				Shallow Aquitard (D3)		
Water-S	Stained Leaves (B9)		Other (Ex	oplain in Re	emarks)			FAC-Neutral Test (D5)		
Field Obser	vations:									
Surface Wat		es No	X Depth (inc	hes)·						
Water Table			Depth (inc			_				
Saturation P			Depth (inc			_ ı	and Hydrology	Present? Vos V No		
(includes cap		es NO.	Deptil (inc	nes)		_ wella	and Hydrology	Present? Yes X No		
,	orded Data (stream o	nauge monitorin	ng well aerial n	notos prev	ioue inena	ctions) if	available: n/a			
Describe Nec	orded Data (Stream (gauge, monitorii	ig well, aeriai pi	iolos, prev	ious irispe	cuoris), ii d	avaliable. 11/a			
Remarks: Alt	hough no surface wa	ter was procent	at the time of the	ne delinacti	ion eviden	nce of curf	face soil cracks	indicate that the area ponds water and		
	and hydrology. Wate							mulcate that the area polius water and		
Sapporto wett	ii, ai ology. vvale	iovoi ailu	- Saturation are I	.5. 14104411	a oon pi		g.			

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 19, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 91
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55943		Long: -117.01904 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology			·	
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes	No X	_ 1- 41	0	A
Hydric Soil Present? Yes	No X	is u	ne Sampled . nin a Wetland	YAS NO X
Wetland Hydrology Present? Yes X	No	_ ****	iii a vvotian	4.
does not meet the wetland criteria. VEGETATION – Use scientific names of plants		and due to	paor iama aoc	es. This feature was sampled during the growing season and
	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species
				That Are OBL, FACW, or FAC: 0 (A)
3				Total Number of Dominant Species Across All Strata: 1 (B)
				Percent of Dominant Species (B)
4.		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)		. 510 5511		
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species0 x 1 =0
4.				FACW species1 x 2 =2
5				FAC species 0 x 3 = 0
		= Total Cove	er	FACU species 5 x 4 = 20
Herb Stratum (Plot size:)				UPL species 0 x 5 = 0
1. Mesembryanthemum nodiflorum	1	N	FACU	Column Totals:6 (A)22 (B)
2. Psilocarphus brevissimus	1	N	FACW	Prevalence Index = B/A = 3.7
3. Hordeum murinum	1	Y	FACU	Hadron bada Manadadan Indiadan
4. Salsola tragus 5.		N	FACU_	Hydrophytic Vegetation Indicators:
6				Dominance Test is >50% Prevalence Index is ≤3.0¹
8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
<u> </u>	6	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:		10101 001		Troblematic Hydrophytic Vegetation (Explain)
1none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
	0	= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 94 % Co	ver of Biotic		0	Vegetation Present? Yes No x
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro	-watershed. While the sample area does not have a
predominance of hydrophytic vegetation, it does suppor				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Featu	ires						
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Rema	arks	
0-18	10YR 5/2	100					sandy clay				
							_				
-											
1Type: C=C	 oncentration, D=Depletion	RM=Reduced	Matrix CS=Covero	d or Coated	Sand Grains	2	l ocation: PI =Po	ore Lining	RC=Root Channe	I M=Matriv	
	il Indicators: (Application)								olematic Hydric		
	`	ADIE IU AII LR	•		•				-	Journa .	
Histoso				Redox (S5)) (LRR C)		
	Epipedon (A2)			d Matrix (So Mucky Min	,			viuck (A10 ced Vertic	0) (LRR B)		
	Histic (A3) gen Sulfide (A4)			Mucky Min Gleyed Ma					terial (TF2)		
	gen Suilide (A4) ed Layers (A5) (LRR (:)		ыеуес ма d Matrix (F	. ,				n Remarks)		
	fuck (A9) (LRR D)	•)		u Mairix (F Dark Surfa	,			(Explail11	ii Neiliaiks)		
	, , , , ,	e (A11)			` '						
Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Depleted Dark Surface (F7) Redox Depressions (F8)							3Indicators	of hydror	phytic vegetatio	n and	
	Mucky Mineral (S1)			Pools (F9)	- ()				gy must be pres		
	Gleyed Matrix (S4)			20.0 (1.0)					or problematic		
	. ,								,		
_	Layer (if present):										
Type:			_					_			
Depth (in	ches):		_				Hydric Soil P	resent?	Yes	_ No>	<u> </u>
Remarks: r	no hydric soils indicato	rs observed									
	-										
HYDROLO	GY										
Wetland H	lydrology Indicators:						Se	condary	Indicators (2 o	r more req	uired)
Primary Ind	dicators (minimum of o	ne required;	check all that appl	y)				_Water M	larks (B1) (Rive	erine)	
X Surfac	e Water (A1)		Salt Crus	t (B11)				Sedimer	nt Deposits (B2)	(Riverine)	
	Vater Table (A2)		Biotic Cru					_	posits (B3) (Riv e		
	tion (A3)			nvertebrate	es (B13)				e Patterns (B10	•	
	Marks (B1) (Nonriver	ine)		n Sulfide C	` '			_	son Water Tabl	,	
	ent Deposits (B2) (No	•			eres along l	Livina Ro	ots (C3)	_	ck Surface (C7)		
	ent Deposits (B2) (Nonrive	,		•	ed Iron (C4	-		_	Burrows (C8)	'	
		· · · · · · ·			-		e)	_		orial Imagas	v (CO)
	e Soil Cracks (B6)	magar: /D7\			ion in Tilled	ı oulis (Ul	<u> </u>	_	on Visible on Ae	mai imager	y (C9)
	ation Visible on Aerial I	magery (B7)		k Surface					Aquitard (D3)		
Water-	Stained Leaves (B9)		Other (Ex	kplain in Re	emarks)			_FAC-Ne	utral Test (D5)		
Field Obse	rvations:		-					-		-	
Surface Wa	iter Present? Y	es <u>x</u> N	o Depth (inc	hes):	0	_					
Water Table		es x N			0	_					
Saturation F			o Depth (inc		0	— Wetla	nd Hydrology	y Present	t? Yes X	(No	
	apillary fringe)										
,	corded Data (stream o	gauge, monito	ring well, aerial pl	notos, prev	ious inspec	ctions), if a	available: n/a				
				-	-	•					
Remarks: E	vidence of surface wa	ter present at	the time of the de	lineation ir	ndicates tha	at the area	a ponds water	and supp	orts wetland hy	drology.	

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: April 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 92
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55938		Long: -117.01903 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology			·	
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sl				
Hydrophytic Vegetation Present? Yes	No X			
Hydric Soil Present? Yes	No X	ıs u	ne Sampled . nin a Wetland	YAS NO X
Wetland Hydrology Present? Yes X	No	witi	iiii a vvetiaiii	ur ———
Remarks: The majority of the vegetation on the site had does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to p	past land use	es. This feature was sampled during the growing season and
Table 1 and	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1. none				That Are OBL, FACW, or FAC: 2 (A)
2. 3.				Total Number of Dominant Species Across All Strata: 4 (B)
				Percent of Dominant Species
4.		= Total Cove	er	That Are OBL, FACW, or FAC:(A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species 0 x 1 = 0
4.				FACW species 2 x 2 = 4
5				FAC species 0 x 3 = 0
		= Total Cove	er	FACU species1 x 4 =4
Herb Stratum (Plot size:)				UPL species1 x 5 = 5
1. Psilocarphus brevissimus	1	Y	FACW	Column Totals:4 (A)13 (B)
2. Spergularia bocconi	1	Y	FACW	Prevalence Index = B/A = 3.25
3. Hordeum murinum	1	Y	FACU_	Hadronbada Vandadan Indiadan
4. Schismus barbatus 5.	1	Y	UPL	Hydrophytic Vegetation Indicators:
6				Dominance Test is >50% Prevalence Index is ≤3.0¹
7				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
<u> </u>		= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:	<u> </u>			Troblemation yurophytic vegetation (Explain)
1 none				¹ Indicators of hydric soil and wetland hydrology must
2. <i>none</i>				be present, unless disturbed or problematic.
	0	= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 99 % Co	ver of Biotic		0	Vegetation Present? Yes No X
Remarks: Sample area is a vernal pool that receives ru				
predomince of hydrophytic vegetation. It does support of				

Profile Desc Depth	ription: (Describe to Matrix	the depth nee		ent the inc		confirm t	the absence of	f indicators.)
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
(11101109)	(IIIOISI)		JOIOI (IIIOISL)		ype	LUC		
							-	
							_	
							_	
¹ Type: C=Co	ncentration, D=Depletion	RM=Reduced M	latrix CS=Covere	d or Coated	Sand Grains	s 2	2 ocation: PI =Po	re Lining, RC=Root Channel, M=Matrix.
	Indicators: (Applica					<u>. </u>		for Problematic Hydric Soils ³ :
Histoso				Redox (S5)				Muck (A9) (LRR C)
_	pipedon (A2)			d Matrix (Se				Muck (A10) (LRR B)
	istic (A3)			Mucky Min	•			ed Vertic (F18)
	en Sulfide (A4)			Gleyed Ma	. ,			arent Material (TF2)
	d Layers (A5) (LRR (•\		d Matrix (F				(Explain in Remarks)
	• • • • • • • • • • • • • • • • • • • •	•)		u Matrix (F Dark Surfac	,		Other	(Explain in Remarks)
	uck (A9) (LRR D)	- (044)			` ,			
	d Below Dark Surface	e (A11)		d Dark Sur	. ,		31	of hardware basis are made tions and
	ark Surface (A12)			Depression	s (F8)			of hydrophytic vegetation and
l —	Mucky Mineral (S1)		vernai i	Pools (F9)				d hydrology must be present,
Sandy 0	Gleyed Matrix (S4)						uniess	disturbed or problematic.
Restrictive	Layer (if present):							
Type:								
Depth (inc	hes):						Hydric Soil Pr	resent? Yes No X
							'	
				the hydrop	hytic vege	tation stai	ndard to be con	sidered a wetland. Therefore, no soil pit
was dug and	I hydric soils are not o	considered to be	e present.					
HYDROLOG	2V							
	/drology Indicators:						Soci	condary Indicators (2 or more required)
	icators (minimum of o		ook all that appl	· /\			360	
	,	nie requirea, cri		,,				Water Marks (B1) (Riverine)
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ust (B12)				Drift Deposits (B3) (Riverine)
Saturat	on (A3)		Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)			Dry-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	oots (C3)	Thin Muck Surface (C7)
	posits (B3) (Nonrive	-		of Reduce	_	_	· /	Crayfish Burrows (C8)
l —	Soil Cracks (B6)			on Reduct	-		-6)	Saturation Visible on Aerial Imagery (C9)
	, ,					u Solis (C		
	ion Visible on Aerial I	magery (B7)		k Surface				Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	kplain in Re	emarks)			FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		es No	X Depth (inc	hes):				
Water Table			· · · Depth (inc			_		
Saturation P							and Hydrology	Present? Yes X No
(includes cap		110	Depth (inc)		— velic	ana nyanology	116361It: 163 <u>A</u> NO
,	orded Data (stream o	auge monitorir	na well-aerial ob	notos prev	ious inene	ctions) if	available: n/a	
Peseling 1/60	oraca Data (Sticatili (jaago, monitolii	ıy wen, aenai pi	iotos, piev	ious irispei	odorioj, il	avanabi6. 11/d	
Remarks: Alt	hough no surface wa	ter was present	at the time of th	ne delineati	ion, eviden	ice of surf	face soil cracks	indicate that the area ponds water and
	and hydrology. Water	•						
					•		=	
Ī								

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: April 4, 2018	
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 93	
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W	
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2	
Subregion (LRR): LRR-C	Lat: 3	32.55938		Long: -117.01900 Datum: NAD83	
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None	
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)	
Are Vegetation X, Soil , or Hydrology			·		
				(If needed, explain any answers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh					
Hydrophytic Vegetation Present? Yes	No X	No X Is the Sampled Area			
Hydric Soil Present? Yes	No X	ıs u	ne Sampied . nin a Wetland	YAS NO X	
Wetland Hydrology Present? Yes X	No	_ """	iii a vvotian	u.	
does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and	
	Absolute	Dominant	Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species	
1. none				That Are OBL, FACW, or FAC: 2 (A)	
2. 3.				Total Number of Dominant Species Across All Strata: 5 (B)	
				Percent of Dominant Species	
*		= Total Cove	er	That Are OBL, FACW, or FAC: 40% (A/B)	
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index worksheet:	
2.				Total % Cover of: Multiply by:	
3.				OBL species 0 x 1 = 0	
4				FACW species 2 x 2 = 4	
5				FAC species 0 x 3 = 0	
		= Total Cove	er	FACU species 2 x 4 = 8	
Herb Stratum (Plot size:)			= 1 0111	UPL species 1 x 5 = 5	
1. Psilocarphus brevissimus		Y	FACW	Column Totals: 5 (A)17(B)	
Erodium botrys Hordeum murinum	1	Y	FACU	Prevalence Index = B/A = 3.4	
	1	Y	FACU UPL	Hydrophytic Vegetation Indicators:	
Schismus barbatus Plantago elongata		Y	FACW	Dominance Test is >50%	
6				Prevalence Index is ≤3.0¹	
				Morphological Adaptations ¹ (Provide supporting	
8.				data in Remarks or on a separate sheet)	
	5	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)	
Woody Vine Stratum (Plot size:				: 102/01/1840 : 1/4/1947 : 1	
1. none				¹ Indicators of hydric soil and wetland hydrology must	
2.				be present, unless disturbed or problematic.	
	0	= Total Cove	er	Hydrophytic	
% Bare Ground in Herb Stratum95	ver of Biotic	Crust	0	Vegetation Present? Yes No X	
Remarks: Sample area is a vernal pool that receives ru					
predomince of hydrophytic vegetation. It does support to	wo vernal po	ool plant indic	ator species	(Psilocarphus brevissimus and Plantago elongata).	

Profile Desc Depth	ription: (Describe Matrix			ent the inc edox Featu		confirm t	the absence	of indicators.)	
(inches)	Color (moist)	<u> </u>	Color (moist)	%	Type ¹	Loc ²	– Texture	e Remarks	
(ITICITES)	Color (ITIOISI)		Color (ITIOISI)		Турс				
									
1							2		
	ncentration, D=Deple					S. ²		Pore Lining, RC=Root Channel, M=Matrix.	
-	Indicators: (Appl	icable to all LR						rs for Problematic Hydric Soils ³ :	
Histoso	l (A1)		Sandy F	Redox (S5))		1 cm	n Muck (A9) (LRR C)	
Histic E	pipedon (A2)		Stripped	d Matrix (S	6)		2 cm	n Muck (A10) (LRR B)	
Black H	istic (A3)		Loamy	Mucky Min	eral (F1)		Redu	uced Vertic (F18)	
Hydroge	en Sulfide (A4)		Loamy	Gleyed Ma	trix (F2)		Red	Parent Material (TF2)	
Stratifie	d Layers (A5) (LRI	R C)	Deplete	d Matrix (F	3)		Othe	er (Explain in Remarks)	
1 cm M	uck (A9) (LRR D)	•	Redox I	Dark Surfac	ce (F6)			,	
Deplete	d Below Dark Surf	ace (A11)	Deplete	d Dark Sur	face (F7)				
	ark Surface (A12)	,		Depression			3Indicator	rs of hydrophytic vegetation and	
	Mucky Mineral (S1)	١		Pools (F9)	(- /			and hydrology must be present,	
	Gleyed Matrix (S4)			00.0 (1.0)				ss disturbed or problematic.	
								- Problemane.	
Restrictive	Layer (if present):								
Type:			_						
Depth (inc	hes):						Hydric Soil F	Present? Yes No >	<
Damanda, T							4 46 - 6	nytic vegetation standard to be conside	
	rie sampieu area s erefore, no soil pit v						t the hydroph	lytic vegetation standard to be conside	ereu a
welland. The	reiore, no son pit v	vas dug and nyc	inc sons are not c	orisidered	to be blest	CIII.			
HYDROLOG	3Y								
	/drology Indicato	rs.					S	secondary Indicators (2 or more req	uired)
-	icators (minimum o		check all that ann	v)			_	Water Marks (B1) (Riverine)	<u>,</u>
	,	one required,		,					
	Water (A1)		Salt Crus				_	Sediment Deposits (B2) (Riverine)	1
High W	ater Table (A2)		Biotic Cr					Drift Deposits (B3) (Riverine)	
Saturati	ion (A3)		Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)	
Water N	Marks (B1) (Nonri v	rerine)	Hydroge	n Sulfide C	dor (C1)			Dry-Season Water Table (C2)	
Sedime	nt Deposits (B2) (Nonriverine)	Oxidized	Rhizosphe	eres along	Livina Ro	oots (C3)	Thin Muck Surface (C7)	
l —	posits (B3) (Nonri			of Reduc	_	_	(/	Crayfish Burrows (C8)	
l —		verific)			-	-	·e)		· (CO)
	Soil Cracks (B6)			on Reduct		a Solis (C	, ^o) —	Saturation Visible on Aerial Imager	y (C9)
	ion Visible on Aeria	• • • •		k Surface				Shallow Aquitard (D3)	
Water-S	Stained Leaves (B9	9)	Other (E	kplain in Re	emarks)		_	FAC-Neutral Test (D5)	
Field Obser	vations:								
Surface Wat		Voc. N	o V Donth (inc	hoo):					
			o X Depth (inc						
Water Table			o Depth (inc						
Saturation P		Yes N	o Depth (inc	hes):		Wetla	and Hydroloឲຸ	gy Present? Yes X No	
(includes cap									
Describe Rec	orded Data (strear	n gauge, monito	ring well, aerial pl	notos, prev	ious inspe	ctions), if	available: n/a	a	
	-	•						ks indicate that the area ponds water	and
supports wetl	and hydrology. Wa	ter table level ar	nd saturation are	not known	as a soil p	ıt was not	aug.		

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Diego	o, CA Sampling Date: April 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 94
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		 Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	 32.55945	•	Long: -117.01904 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	-	year? Yes	X No	(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology			·	·
				If needed, explain any answers in Remarks.)
				
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poli	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X	_	aa Cammiad	A
Hydric Soil Present? Yes	No X		ne Sampled <i>i</i> nin a Wetland	YAS NO X
Wetland Hydrology Present? Yes X	No	_		
Remarks: The majority of the vegetation on the site ha	s been dist	urbed due to	past land use	s. This feature was sampled during the growing season and
does not meet the wetland criteria.				
VEGETATION III				
VEGETATION – Use scientific names of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species
1. <u>none</u>				That Are OBL, FACW, or FAC:(A)
2				Total Number of Dominant
3				Species Across All Strata: 1 (B)
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)
		= Total Cove	er	(*12)
Sapling/Shrub Stratum (Plot size:)				Providence to decrease the tract
1. <u>none</u> 2.				Prevalence Index worksheet: Total % Cover of: Multiply by:
				OBL species 1 x 1 = 1
				FACW species 2 x 2 = 4
				FAC species 1 x 3 = 3
5		= Total Cove	er	FACU species 12 x 4 = 48
Herb Stratum (Plot size:				UPL species 1 x 5 = 5
1. Hordeum murinum	10	Υ	FACU	Column Totals:17
2. Psilocarphus brevissimus	1	N	FACW	Prevalence Index = B/A = 3.6
3. Erodium botrys	1	N	FACU	Trovalence mask Birt 6.6
4. Plagiobothrys acanthocarpus	1	N	OBL	Hydrophytic Vegetation Indicators:
5. Mesembryanthemum nodiflorum	1	N	FACU	Dominance Test is >50%
6. Spergularia bocconi	1	N	FACW_	Prevalence Index is ≤3.0¹
7. Schismus barbatus		N	UPL	Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
8. Sonchus asper	1	N	FAC	, , ,
Woody Vine Stratum (Plot size:)	17	= Total Cov	/er	Problematic Hydrophytic Vegetation¹ (Explain)
				Indicators of hydric soil and watland hydrology payot
1. none 2.				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2	0	= Total Cove		
		- Total Cove	31	Hydrophytic Vegetation
% Bare Ground in Herb Stratum83	ver of Biotic	Crust	0	Present? Yes No No
Remarks: Sample area is a vernal pool that receives ru				
predomince of hydrophytic vegetation. It does support to				
acanthocarpus).				

Profile Desc Depth	cription: (Describ Matr		needed to docume	ent the indication of the contract of the cont		nfirm th	ne absence of i	ndicators.)
(inches)	Color (moist)	<u>%</u>	Color (moist)			Loc ²	Texture	Remarks
(11101103)	(110151)		COIOI (IIIOISI)		<u>, pc </u>		TOXIG	Romans
								-
								· ———
							_	
1 _{Typo: C=Co}	ncontration D-Donle	ation PM-Poduc	ed Matrix, CS=Covered	Lor Coated San	nd Grains	21	ocation: DI -Poro	Lining, RC=Root Channel, M=Matrix.
			RRs, unless other		iu Giailis.			or Problematic Hydric Soils ³ :
=								•
Histoso	. ,			tedox (S5)				ick (A9) (LRR C)
	pipedon (A2)			Matrix (S6)				ick (A10) (LRR B)
	listic (A3)			/lucky Mineral				d Vertic (F18)
	en Sulfide (A4)			Sleyed Matrix	(F2)			ent Material (TF2)
	d Layers (A5) (LR	,	Depleted	d Matrix (F3)			Other (E	xplain in Remarks)
1 cm M	uck (A9) (LRR D)		Redox D	ark Surface ((F6)			
Deplete	ed Below Dark Sur	face (A11)	Depleted	d Dark Surface	e (F7)			
Thick D	ark Surface (A12))	Redox D	epressions (F	F8)		³ Indicators o	f hydrophytic vegetation and
Sandy I	Mucky Mineral (S1	1)	Vernal F	ools (F9)			wetland h	nydrology must be present,
Sandy (Gleyed Matrix (S4)					unless di	sturbed or problematic.
Restrictive	Layer (if present	١٠						
Type:		,-						
	hoo):						Hydric Soil Pres	oont? Von No V
Depth (inc	s).						riyunc Son Fres	sent? Yes No X
						ot meet	the hydrophytic	vegetation standard to be considered a
wetland. The	erefore, no soil pit	was dug and h	ydric soils are not co	onsidered to b	e present.			
HYDROLO	GY							
Wetland Hy	ydrology Indicate	ors:					Seco	ndary Indicators (2 or more required)
_			d; check all that appl	/)				Vater Marks (B1) (Riverine)
	e Water (A1)	'	Salt Crus	, ,				sediment Deposits (B2) (Riverine)
								. , , , , , , ,
	ater Table (A2)		Biotic Cru					Prift Deposits (B3) (Riverine)
	ion (A3)			vertebrates (l				Prainage Patterns (B10)
Water N	Marks (B1) (Nonri	verine)	Hydroger	Sulfide Odor	r (C1)			ry-Season Water Table (C2)
Sedime	ent Deposits (B2) ((Nonriverine)	Oxidized	Rhizospheres	s along Livi	ing Roo	ots (C3) T	hin Muck Surface (C7)
Drift De	eposits (B3) (Nonr	riverine)	Presence	of Reduced I	Iron (C4)		C	Crayfish Burrows (C8)
X Surface	Soil Cracks (B6)	•	Recent In	on Reduction	in Tilled S	oils (C6	i) — S	aturation Visible on Aerial Imagery (C9)
	tion Visible on Aer			k Surface (C7		(Shallow Aquitard (D3)
	Stained Leaves (E		-		-			
vvaler-s	Stained Leaves (E	9)	Other (Ex	plain in Rema	arks)			AC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat	ter Present?	Yes	No X Depth (incl	nes):				
Water Table	Present?	Yes	No Depth (incl	nes):				
Saturation P	resent?		No Depth (incl			Wetlar	nd Hydrology F	Present? Yes X No
	pillary fringe)							<u></u>
		ım gauge. mon	itoring well, aerial ph	otos, previous	s inspectio	ns), if a	vailable: n/a	
200020 . 100	70. 404 Data (01. 00	gaage,e	g, a.ea. p	5155, p. 51.55.	oop o oo	,,		
Remarks: Alt	though no surface	water was pre	sent at the time of th	e delineation,	, evidence	of surfa	ace soil cracks ir	ndicate that the area ponds water and
	•	•	and saturation are r					·
					-			

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA	Sampling Date: Ap	oril 4, 2018
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 95	j
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R	R01W	
Landform (hillslope, terrace, etc.): mesa top	convex, none): concave	Slope (%): 0-2			
Subregion (LRR): LRR-C	Lat: 3	32.55930		Long: -117.01895	Datum: N	NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classificatio	n: None	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology						X No
Are Vegetation Soil or Hydrology						
SUMMARY OF FINDINGS – Attach site map sh						
Hydrophytic Vegetation Present? Yes	No X	_		A		
Hydric Soil Present? Yes	No X	15 11	ne Sampled <i>i</i> nin a Wetland	VΔC	NoX	_
Wetland Hydrology Present? Yes X	_No	_ """	u vvouu	u :		
Remarks: The majority of the vegetation on the site had does not meet the wetland criteria. VEGETATION – Use scientific names of plants		arbed dde to	past land use	s. This leature was sample	ed during the growing	g season and
	Absolute	Dominant	Indicator	Dominance Test works	heet:	
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Sp		
1. none				That Are OBL, FACW, o		(A)
2. 3.				Total Number of Domina Species Across All Strata	٥٠	(D)
4.				Percent of Dominant Spe	U	(B)
*		= Total Cove		That Are OBL, FACW, o		(A/B)
Sapling/Shrub Stratum (Plot size:)		- 10tai 00V	J1			
1. none				Prevalence Index work	sheet:	
2.				Total % Cover of:	Multiply b	y:
3.				OBL species	x 1 =	
4.				FACW species	x 2 =	
5				FAC species		
		= Total Cove	er	FACU species		
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Psilocarphus brevissimus	1	N	FACW	Column Totals:	(A)	(B)
2. Plantago elongata	1	N	FACW	Prevalence Index	c = B/A =	
3. Hordeum murinum	1	N	FACU	The day wheathe Manager than		
4. Spergularia bocconi 5.	1	N	FACW	Hydrophytic Vegetation		
6				X Dominance Test is Prevalence Index		
7						supporting
8.					aptations¹ (Provide s ‹s or on a separate s	
<u> </u>	4	= Total Cov	/er		ophytic Vegetation¹ (<i>'</i>
Woody Vine Stratum (Plot size:	<u> </u>	10101 001		i Toblematic Hydro	priyuc vegetation ((Explair)
1none				¹ Indicators of hydric soi	l and wetland hydro	logy must
2.				be present, unless distu		
	0	= Total Cove	er	Hydrophytic		
% Bare Ground in Herb Stratum 96 % Co	ver of Biotic		0	Vegetation Present?	es No	x
		-				
Remarks: Sampled during the growing season, but veg pool plant indicator species (Psilocarphus brevissimus a			(iess inan 5%	o) ω be considered hydropi	nyuc. II aoes suppor	t two vernal

Profile Desc Depth	cription: (Describ Matri		needed to docum	ent the inc edox Featu		confirm t	the absence	of indicators.)	
(inches)	Color (moist)	<u>%</u>	Color (moist)	%	Type ¹	Loc ²	– Texture		Remarks
(1101100)			Ocioi (moist)		Турс		_ TOXIGIO		torrianto
							_		
							-		
							_		
¹ Type: C=Co	ncentration, D=Deple	etion, RM=Reduce	d Matrix, CS=Covere	d or Coated	Sand Grain	s. ²	² Location: PL=P	ore Lining, RC=Root Ch	annel, M=Matrix.
Hydric Soil	I Indicators: (App	licable to all LF	RRs, unless other	wise note	d.)		Indicator	s for Problematic H	ydric Soils³:
Histoso	l (A1)		Sandy F	Redox (S5))		1 cm	Muck (A9) (LRR C)	
	pipedon (A2)			d Matrix (S				Muck (A10) (LRR B)	
	listic (A3)			Mucky Min	•			iced Vertic (F18)	
	en Sulfide (A4)			Gleyed Ma	. ,			Parent Material (TF2)	
	ed Layers (A5) (LR	B C\		d Matrix (F				r (Explain in Remarks	
	, , ,	KC)		`	,		01116	i (Explain in Remarks	·)
	uck (A9) (LRR D)	. (844)		Dark Surfac	` '				
	ed Below Dark Sur	, ,		d Dark Sur	. ,		21 11 1		
	ark Surface (A12)			Depression	ıs (F8)			s of hydrophytic vege	
ı —	Mucky Mineral (S1	,	Vernal F	Pools (F9)				nd hydrology must be	
Sandy (Gleyed Matrix (S4))					unles	s disturbed or problen	natic.
Restrictive	Layer (if present)):							
Type:									
	-h\.						Lludaia Cail F	2	Na V
Depth (inc	nes):		_				Hydric Soil F	Present? Yes	No_X
Remarks: T	he sampled area i	s unvegetated a	ind does not meet	the hydrop	hytic vege	tation star	ndard to be co	onsidered a wetland.	Therefore, no soil pit
was dug and	d hydric soils are n	ot considered to	be present.						
HYDROLO	GY								
Wetland Hy	ydrology Indicato	ors:					S	econdary Indicators	(2 or more required)
1			check all that appl	v)			_	Water Marks (B1) (
	,	or one required,		,				_ ` ` ` `	•
	e Water (A1)		Salt Crus					_Sediment Deposits	
High W	ater Table (A2)		Biotic Cr					_ Drift Deposits (B3)	
Saturat	tion (A3)		Aquatic I	nvertebrate	es (B13)			_ Drainage Patterns	(B10)
Water N	Marks (B1) (Nonri	verine)	Hydrogei	n Sulfide C	dor (C1)			Dry-Season Water	Table (C2)
Sedime	ent Deposits (B2) (Nonriverine)	Oxidized	Rhizosphe	eres along	Livina Ro	ots (C3)	Thin Muck Surface	(C7)
	eposits (B3) (Nonr	•		of Reduc	_	_		Crayfish Burrows (
		iverine)			-	-			
	e Soil Cracks (B6)			on Reduct		a Solis (C	·o)		n Aerial Imagery (C9)
	tion Visible on Aer	• • • •	Thin Mud	k Surface	(C7)			_ Shallow Aquitard ([03)
Water-S	Stained Leaves (B	9)	Other (Ex	kplain in Re	emarks)			FAC-Neutral Test (D5)
Field Obser	nyotiono:								
		V N	L. V. D. andla Care	I \					
Surface Wat			No X Depth (inc						
Water Table	Present?		No Depth (inc						
Saturation P	Present?	Yes N	No Depth (inc	hes):		Wetla	and Hydrolog	y Present? Yes	XNo
(includes ca	pillary fringe)								
Describe Rec	corded Data (strea	m gauge, monito	oring well, aerial pl	notos, prev	ious inspe	ctions), if	available: n/a	1	
Remarks: Alt	though no surface	water was prese	ent at the time of th	ne delineat	ion, evider	nce of surf	face soil crack	s indicate that the are	ea ponds water and
	-	•	ınd saturation are ı						

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: April 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 96
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top	ief (concave,	convex, none): concave Slope (%): 0-2		
Subregion (LRR): LRR-C	Lat: 3	32.55926		Long: -117.01899 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes	No X		0 1 1	A
Hydric Soil Present? Yes	No X	ıs u	ne Sampled <i>i</i> nin a Wetland	YAS NO X
Wetland Hydrology Present? Yes X	_No	_ """	u TTOUU	~·
does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	pasi iand use	es. This feature was sampled during the growing season and
	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species
2.				That Are OBL, FACW, or FAC: 0 (A) Total Number of Dominant
3.				Species Across All Strata:1 (B)
4.				Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)
		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				FACW species 0 x 2 = 0
4				FAC species 1 x3 = 3
5		= Total Cove		FACU species 0 x 4 = 0
Herb Stratum (Plot size:		- Total Cove	21	UPL species 1 x 5 = 5
1. Schismus barbatus	1	Υ	UPL	Column Totals: 2 (A) 8 (B)
2. Mesembryanthemum nodiflorum	1	Y	FACU	
3.				Prevalence Index = B/A = 4.0
4.				Hydrophytic Vegetation Indicators:
5.				Dominance Test is >50%
6				Prevalence Index is ≤3.0¹
7				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
8				· ,
Woody Vine Stratum (Plot size:)	2	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must
2. <i>Hone</i>				be present, unless disturbed or problematic.
2		= Total Cove		Hardwark atta
				Hydrophytic Vegetation
	ver of Biotic		0	Present? Yes No X
Remarks: Sample area is a vernal pool that receives ruvegetation cover insufficient (less than 5%) to be considered.				-watershed. Sampled during the growing season, but oll plant indicator species were present within the basin.

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Features				
(inches)	Color (moist)	%	Color (moist)	% Type ¹	Loc ²	Texture	F	Remarks
							-	
71	centration, D=Depletion		,		ns. ² L	ocation: PL=Pore	Lining, RC=Root Ch	annel, M=Matrix.
Hydric Soil	Indicators: (Applica	able to all L	RRs, unless other	wise noted.)		Indicators for	or Problematic H	ydric Soils³:
Histosol	(A1)		Sandy R	edox (S5)		1 cm Mu	ck (A9) (LRR C)	
Histic Ep	oipedon (A2)		Stripped	Matrix (S6)		2 cm Mu	ck (A10) (LRR B)	
Black Hi	stic (A3)		Loamy N	Mucky Mineral (F1)		Reduced	l Vertic (F18)	
Hydroge	en Sulfide (A4)		Loamy (Gleyed Matrix (F2)		Red Pare	ent Material (TF2)	
Stratified	d Layers (A5) (LRR C	;)	Depleted	l Matrix (F3)		Other (E	xplain in Remarks	5)
1 cm Mu	ıck (A9) (LRR D)		Redox D	ark Surface (F6)				
Depleted	d Below Dark Surface	e (A11)	Depleted	l Dark Surface (F7)				
Thick Da	ark Surface (A12)		Redox D	epressions (F8)		³ Indicators of	f hydrophytic vege	tation and
Sandy M	lucky Mineral (S1)		Vernal P	ools (F9)		wetland h	nydrology must be	present,
Sandy G	Gleyed Matrix (S4)					unless di	sturbed or probler	natic.
Restrictive L	ayer (if present):							
Type:	, (, ,-							
Depth (inch	Jes).					Hydric Soil Pres	sent? Yes	No X
Deptil (illei						Tiyano oon Tica		
HYDROLOG								
-	drology Indicators:							(2 or more required)
Primary Indi	cators (minimum of c	ne required	; check all that apply	/)			Vater Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)		s	ediment Deposits	(B2) (Riverine)
High Wa	ater Table (A2)		Biotic Cru	st (B12)		D	rift Deposits (B3)	(Riverine)
Saturati	on (A3)		X Aquatic Ir	vertebrates (B13)		D	rainage Patterns	(B10)
— Water M	Marks (B1) (Nonriver	ine)	Hydroger	Sulfide Odor (C1)		D	ry-Season Water	Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizospheres along	Living Roo	ts (C3) T	hin Muck Surface	(C7)
	posits (B3) (Nonrive i			of Reduced Iron (C		` ' —	rayfish Burrows (` '
	Soil Cracks (B6)	,		on Reduction in Tille	,		,	on Aerial Imagery (C9)
	on Visible on Aerial I	magery (R7		k Surface (C7)	(30		hallow Aquitard ([
	Stained Leaves (B9)			plain in Remarks)			AC-Neutral Test (,
				p.a		·		
Field Observ								
Surface Water			No X Depth (incl					
Water Table	Present? Y	es	No Depth (incl	nes):				
Saturation Pr		es	No Depth (incl	nes):	Wetlar	nd Hydrology F	Present? Yes	XNo
(includes cap	· · · · · ·	-	, , , , , , , ,					
Describe Reco	orded Data (stream g	jauge, moni	toring well, aerial ph	otos, previous insp	ections), if a	vailable: n/a		
Remarks: Alti	hough no surface wa	ter was nres	sent at the time of th	e delineation the n	ool did retai	n water over the	rainy season and	I fairy shrimp surveys
	ed within this pool. Th							
	logy. Water table lev					,	·	

Project/Site: Southwest Village Specific Plan		City/Cou	nty: <u>San Dieg</u>	o, CA	Sampling Date: April 4, 2018
Applicant/Owner: Pardee Homes				State: CA	_Sampling Point: 97
Investigator(s): Beth Procsal, JR Sundberg		Section	, Township, R	ange: Section 31, T18S F	R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	elief (concave,	convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:	32.55929		_Long: <u>-117.01903</u>	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification	n: None
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology	signif	icantly distur	bed? Yes A	Are "Normal Circumstance	s" present? Yes X No
Are Vegetation, Soil, or Hydrology	natura	ally problema	atic? Yes (If needed, explain any ans	swers in Remarks.)
SUMMARY OF FINDINGS – Attach site map st	nowing sa	mpling poi	int locations	s, transects, importan	t features, etc.
Hydrophytic Vegetation Present? Yes	No X	_	u O	A	
Hydric Soil Present? Yes	No X		the Sampled A	Yes	NoX
Wetland Hydrology Present? Yes X	_No	_ ***	inii a wodan		
Remarks: The majority of the vegetation on the site had does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sample	ed during the growing season and
	Absolute	Dominant	Indicator	Dominance Test works	sheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Sp	
1. <u>none</u> 2.				That Are OBL, FACW, o	. ,
3.			·	Total Number of Domina Species Across All Strat	
4.				Percent of Dominant Sp	(D)
T		= Total Cov	rer	That Are OBL, FACW, o	
Sapling/Shrub Stratum (Plot size:)		10101 001	01		
1. none				Prevalence Index work	sheet:
2.				Total % Cover of:	Multiply by:
3.				OBL species 0	x 1 =
4				FACW species2	x 2 =4
5				FAC species 0	x 3 =0
		= Total Cov	er	FACU species5	
Herb Stratum (Plot size:)				UPL species 0	
1. Matricaria discoidea	1	N	FACU	Column Totals:7	(A)(B)
2. Plantago elongata	1	N	FACW	Prevalence Inde	x = B/A = 3.4
3. Hordeum murinum	4	Y	FACU		
4. Spergularia bocconi	1	N	FACW	Hydrophytic Vegetatio	
5. 6.				Dominance Test i	
7				Prevalence Index	
8.					aptations¹ (Provide supporting ks or on a separate sheet)
o	7	= Total Co	wer		ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:		10101 00		Froblematic Hydro	opitytic vegetation (Explain)
1 none				¹ Indicators of hydric so	il and wetland hydrology must
2. <i>Hone</i>				be present, unless dist	
	0	= Total Cov	rer	Hydrophytic	
				Vegetation	
% Bare Ground in Herb Stratum 94 % Co	ver of Biotic	Crust	0	Present? Ye	es No_X
Remarks: Sample area is a vernal pool that receives ru hydrophytic vegetation. It does support one vernal pool					ol does not predominately support

	ription: (Describe to Matrix	the depth nee				confirm t	the absence of	indicators.)
Depth (inches)	Color (moist)	<u></u> % (Color (moist)	edox Featu %	res Type¹	Loc ²	– Texture	Remarks
(ITICHES)	Color (moist)		zoloi (moist)		Туре	LUC	iexture	
							_	
							_	
							_	
							_	
1						2	2	
	ncentration, D=Depletion					S. ²		e Lining, RC=Root Channel, M=Matrix.
_	Indicators: (Application	able to all LRR						for Problematic Hydric Soils ³ :
Histoso				Redox (S5)				luck (A9) (LRR C)
_	pipedon (A2)			d Matrix (Se	,			luck (A10) (LRR B)
	istic (A3)			Mucky Min	. ,			ed Vertic (F18)
	en Sulfide (A4)			Gleyed Ma				arent Material (TF2)
Stratifie	d Layers (A5) (LRR (S)		d Matrix (F	,		Other (Explain in Remarks)
1 cm Mi	uck (A9) (LRR D)		Redox [Dark Surfac	ce (F6)			
Deplete	d Below Dark Surfac	e (A11)	Deplete	d Dark Sur	face (F7)			
Thick D	ark Surface (A12)		Redox [Depression	s (F8)		³ Indicators	of hydrophytic vegetation and
Sandy N	Mucky Mineral (S1)		Vernal F	Pools (F9)			wetland	hydrology must be present,
Sandy 0	Gleyed Matrix (S4)						unless o	disturbed or problematic.
Postrictivo	Layer (if present):							
_	Layer (ii present).							
Type:								
Depth (inc	hes):						Hydric Soil Pre	esent? Yes No X
Remarks: T	he sampled area sup	ports a predomi	nance of upland	d vegetatio	n and does	s not mee	t the hydrophyti	c vegetation standard to be considered a
wetland. The	erefore, no soil pit wa	s dug and hydri	c soils are not c	onsidered t	to be prese	ent.		
HYDROLOG	GY							
Wetland Hy	drology Indicators:						Sec	ondary Indicators (2 or more required)
Primary Ind	icators (minimum of o	one required; ch	eck all that appl	y)				Water Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
	ater Table (A2)		Biotic Cru					Drift Deposits (B3) (Riverine)
					o (D12)			
Saturati				nvertebrate				Drainage Patterns (B10)
	Marks (B1) (Nonriver	=		n Sulfide O	, ,			Dry-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	oots (C3)	Thin Muck Surface (C7)
Drift De	posits (B3) (Nonrive	rine)	Presence	of Reduce	ed Iron (C4	1)		Crayfish Burrows (C8)
_X_Surface	Soil Cracks (B6)		Recent Ir	on Reduct	ion in Tilled	d Soils (C	(6)	Saturation Visible on Aerial Imagery (C9)
Inundat	ion Visible on Aerial I	magery (B7)	Thin Muc	k Surface	(C7)			Shallow Aquitard (D3)
	Stained Leaves (B9)	0 , (,		kplain in Re				FAC-Neutral Test (D5)
	,					1		(
Field Obser								
Surface Wat	er Present? Y	es No	X Depth (inc	hes):		_		
Water Table	Present? Y	es No	Depth (inc	hes):				
Saturation P	resent? Y	es No	Depth (inc	hes):		Wetla	and Hydrology	Present? Yes X No
(includes cap								
Describe Rec	orded Data (stream	gauge, monitorir	ng well, aerial ph	notos, prev	ious insped	ctions), if	available: n/a	
	,		- '	· •	•	,,		
	-	•						indicate that the area ponds water and
supports wetl	and hydrology. Wate	r table level and	saturation are r	not known	as a soil pi	t was not	dug.	
l								

Project/Site: Southwest Village Specific Plan		City/Coun	ty: San Diego	o, CA	Sampling Date: April 4, 2018
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 99
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, Ra	ange: Section 31, T18S F	R01W
Landform (hillslope, terrace, etc.): mesa top		Local reli	ef (concave,	convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55922		Long: -117.01897	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification	on: None
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology				<u></u>	
Are Vegetation , Soil , or Hydrology					
SUMMARY OF FINDINGS – Attach site map sh					
				,	
Hydrophytic Vegetation Present? Yes Hydric Soil Present? Yes		ls th	e Sampled A	Area Yes	No X
Wetland Hydrology Present? Yes X	No X	— with	in a Wetland	i?	
Remarks: The majority of the vegetation on the site ha				. This forthern	
does not meet the wetland criteria. VEGETATION – Use scientific names of plants		and due to p		s. This leature was sample	od dailing the growing season and
	Absolute	Dominant	Indicator	Dominance Test works	sheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Sp	
1. <u>none</u> 2.				That Are OBL, FACW, o	
3				Total Number of Domina Species Across All Strat	
				Percent of Dominant Sp	(D)
T		= Total Cove	r	That Are OBL, FACW, o	
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index work	sheet:
2.				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4.				FACW species	x 2 =
5				FAC species	
		= Total Cove	r	FACU species	
Herb Stratum (Plot size:)				UPL species	x 5 =
1. none				Column Totals:	(B)
2				Prevalence Index	x = B/A =
3				Un educado váis Manadadia	
4. 5.				Hydrophytic Vegetatio	
6				Dominance Test in Prevalence Index	
7					aptations ¹ (Provide supporting
8.					ks or on a separate sheet)
		= Total Cov	 er	Problematic Hydro	ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				rroblematic riyare	spriyao vogotaaori (Explairi)
1none				¹ Indicators of hydric soi	il and wetland hydrology must
2.				be present, unless distr	urbed or problematic.
	0	= Total Cove	r	Hydrophytic	
% Bare Ground in Herb Stratum 100 % Co	ver of Biotic	Crust	0	Vegetation Present? Yes	es No X
Remarks: Sampled during the growing season, but veg indicator species or vegetation of any kind were present			iess than 5%) to be considered hydrop	nytic. No ACOE vernal pool plant

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featι	ires				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Rema	arks
¹ Type: C=Con	 centration, D=Depletion,	RM=Reduced	Matrix CS=Covered	or Coated	Sand Grains	· 21	ocation: PI =Po	ore Lining, RC=Root Channe	l M=Matrix
	Indicators: (Applica		,					s for Problematic Hydric	
=		Die to all Liv						•	
Histosol	` '			edox (S5)				Muck (A9) (LRR C)	
	oipedon (A2)			Matrix (S	-			Muck (A10) (LRR B)	
Black Hi	, ,			lucky Min				ced Vertic (F18)	
	n Sulfide (A4)			Sleyed Ma				Parent Material (TF2)	
	Layers (A5) (LRR C)		l Matrix (F	,		Other	(Explain in Remarks)	
	ck (A9) (LRR D)			ark Surfa	` '				
	l Below Dark Surface	(A11)			rface (F7)				
	ark Surface (A12)			epressior	ns (F8)			s of hydrophytic vegetatio	
	lucky Mineral (S1)		Vernal P	ools (F9)			wetlan	d hydrology must be pres	sent,
Sandy G	leyed Matrix (S4)						unless	disturbed or problemation	: .
Restrictive I	.ayer (if present):								
Type:	ayer (ii present).								
			_				Libraria Onii D		NI- V
Depth (inch	nes):		_				Hydric Soil P	resent? Yes	NoX
HYDROLOG	Υ								
Wetland Hy	drology Indicators:						Se	econdary Indicators (2 o	r more required)
Primary Indi	cators (minimum of o	ne required; o	check all that apply	/)				Water Marks (B1) (Rive	erine)
	Water (A1)		Salt Crust					Sediment Deposits (B2)	•
	` '								
	ater Table (A2)		Biotic Cru		(D40)			_ Drift Deposits (B3) (Riv	
Saturation	` '		Aquatic Ir		` '			_Drainage Patterns (B10	•
Water M	larks (B1) (Nonriveri	ne)	Hydrogen	Sulfide C	Odor (C1)			_Dry-Season Water Tabl	le (C2)
Sedimer	nt Deposits (B2) (Non	riverine)	Oxidized	Rhizosphe	eres along	Living Roo	ots (C3)	Thin Muck Surface (C7))
Drift Dep	oosits (B3) (Nonriver	ine)	Presence	of Reduc	ed Iron (C4	!)		_Crayfish Burrows (C8)	
X Surface	Soil Cracks (B6)		Recent In	on Reduct	tion in Tilled	d Soils (C6	 3)	Saturation Visible on A	erial Imagery (C9)
	on Visible on Aerial Ir	magery (B7)	Thin Mucl			`	· —	Shallow Aquitard (D3)	3 , (,
	tained Leaves (B9)		Other (Ex		` '			FAC-Neutral Test (D5)	
	tairied Leaves (Bo)			piairriirre	emano,				
Field Observ	ations:								
Surface Water			o X Depth (inch			_			
Water Table	Present? Ye	esNo	o Depth (inch	nes):					
Saturation Pr	esent? Ye	es No	Depth (inch	nes):		Wetla	nd Hydrolog	y Present? Yes X	(No
(includes cap			· `	<i>'</i> —		_	, ,		
Describe Reco	orded Data (stream g	auge, monito	ring well, aerial ph	otos, prev	ious inspec	ctions), if a	available: n/a		
	, ,	_				,			
								the rainy season and fair	
							San Diego fair	y shrimp indicate that the	area supports
wetland hydro	logy. Water table leve	el and saturat	ion are not known	as a soil	pit was not	dug.			

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Diego	o, CA Sampling Date: April 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 100
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: <	32.55921		Long: -117.01898 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: Nonel
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ed? Yes	Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology	natura	ally problema	tic? Yes (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poi	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			_
Hydric Soil Present? Yes	No X		he Sampled <i>i</i> nin a Wetland	Yes No X
Wetland Hydrology Present? Yes X	No		iiii a vvetiaiit	и:
Remarks: The majority of the vegetation on the site had does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sampled during the growing season and
Plante	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1. none				That Are OBL, FACW, or FAC: 0 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 1 (B)
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)
Capling/Charle Stratum / Dlat size:		= Total Cove	er	
Sapling/Shrub Stratum (Plot size:) 1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species 1 x 1 = 1
				FACW species 3 x 2 = 6
5.				FAC species 0 x 3 = 0
		= Total Cove		FACU species 10 x 4 = 40
Herb Stratum (Plot size:)				UPL species 3 x 5 = 15
1. Hordeum murinum	10	Υ	FACU	Column Totals: 17 (A) 62 (B)
2. Spergularia bocconi	2	N	FACW	Prevalence Index = B/A = 3.6
3. Chrysanthemum coronarium	2	N	UPL	Prevalence index – B/A – 3.0
4. Psilocarphus brevissimus	1	N	FACW	Hydrophytic Vegetation Indicators:
5. Erodium cicutarium	1	N	UPL	Dominance Test is >50%
6. Plagiobothrys acanthocarpus	1	N	OBL	Prevalence Index is ≤3.0¹
7				Morphological Adaptations ¹ (Provide supporting
8				data in Remarks or on a separate sheet)
	17	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				
1. <u>none</u>				¹ Indicators of hydric soil and wetland hydrology must
2		-		be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 83 % Co	ver of Biotic	Crust		Vegetation Present? Yes No X
			all local micro	-watershed. The vernal pool does not predominately support
hydrophytic vegetation. It does support two vernal pool				

Texture Remarks Type Loc2 Texture Remarks	· -	Matrix			edox Featur			he absence of i	naicators.)
"Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains.	(inches)						Loc ²	- Texture	Remarks
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosoi (A1) Sandy Redox (S5) Histosoi (A2) Black Histic (A3) Loamy Mucky Mineral (F1) Phydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Torm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Gleyed Matrix (S4) Vernal Pools (F9) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Sandy Gleyed Matrix (S4) Wetland Hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be consisted to be present. HYDROLOGY Wetland Hydrology Indicators: Wetland Hydrology Indicators: Firmary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) Sufface Water (A1) High Water Table (A2) Salturation (A3) Aquatic Invertebrates (B13) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B2) (Nonriverine) Aquatic Invertebrates (B13) Surface Soil Cracks (B6) Recent Iron Reduced Iron (C4) Surface Soil Cracks (B6) Recent Iron Reduced Iron (C4) Surface Soil Cracks (B6) Recent Iron Reduced Iron (C4) Saturation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquatard (D3) Water Abard Present? Yes No Depth (inches): Surface Wetland Hydrology Present? Yes No Other (Explain in Remarks) Wetland Hydrology Present? Yes No (includes capillary fringe)	(1101100)	Color (molot)		Color (moloc)		. , , , , , , , , , , , , , , , , , , ,		Toxtaro	Tomano
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Black Histic (A3)	Histosol ((A1)		Sandy I	Redox (S5)			1 cm Mu	ick (A9) (LRR C)
Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR C) Depleted Matrix (F2) Stratified Layers (A5) (LRR D) Depleted Batrix (F3) Depleted Below Dark Surface (A11) Depleted Batrix Surface (F6) Depleted Below Dark Surface (A12) Redox Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes No Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be consisted to be present. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B12) Salturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) In undation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Drift Deposits (B9) Water Pasent? Wes No Depth (inches): Wetland Hydrology Present? Ves No Depth (inches):	Histic Epi	ipedon (A2)		Stripped	d Matrix (S6)		2 cm Mu	ick (A10) (LRR B)
Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Explain in Remarks) 1 orn Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A12) Redox Depressions (F8) 3 Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be consistent. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Recent fron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Sufface Water Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches):	Black His	stic (A3)		Loamy	Mucky Mine	ral (F1)		Reduced	d Vertic (F18)
Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Explain in Remarks) 1 orn Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A12) Redox Depressions (F8) 3 Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be consistent. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Recent fron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Sufface Water Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches):	— Hydroger	n Sulfide (A4)			-				
1 cm Muck (A9) (LRR D)			(C)		-			Other (E	xplain in Remarks)
Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Redox Depressions (F8) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Depth (inches): Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be consisted wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Surface (C1) Surface (C2) Surface Water (A12) Surface (C3) Surface (C3) Surface (C3) Surface (C7) Surface (C7			,	Redox I	Dark Surfac	é (F6)			,
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Sandy Mucky Mineral (S1) Vernal Pools (F9) wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type:	Thick Da	rk Surface (A12)	,			` '		³ Indicators of	f hydrophytic vegetation and
Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes No Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be consisted to be present. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Solic Crust (B12) Prift Deposits (B3) (Riverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Indiadolon Aprila Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table (Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Water Deposits (Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches):		, ,				` ,			
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Type:									· · · · · · · · · · · · · · · · · · ·
Depth (Inches):	_	ayer (ii present):							
Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be considered. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Figh Water Table (A2) Satt Crust (B11) Sediment Deposits (B3) (Riverine) Sediment Deposits (B3) (Riverine) Prift Deposits (B3) (Riverine) Saturation (A3) Aquatic Invertebrates (B13) Water Marks (B1) (Nonriverine) Sediment Deposits (B3) (Riverine) Drift Deposits (B3) (Riverine) Sediment Deposits (B3) (Riverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C1) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Wetland Hydrology Present? Yes X No Includes capillary fringe)				<u> </u>					
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HYDROLOGY Wetland Hydrology Indicators: Secondary Indicators (2 or more reprint of the property of the pro	Remarks: The	e sampled area sı	upports a predo	minance of uplan	d vegetation	and does	s not mee	t the hydrophytic	vegetation standard to be considered
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Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Thin Muck Surface (C7) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Wetland Hydrology Present? Yes X No (includes capillary fringe)	Saturatio	on (A3)		Aquatic I	nvertebrate	s (B13)			rainage Patterns (B10)
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Surface Water Present? Yes No X Depth (inches):	Water-St	tained Leaves (B9)	Other (E	xplain in Re	marks)		F	AC-Neutral Test (D5)
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Saturation Present? Yes NoDepth (inches): Wetland Hydrology Present? YesX _No (includes capillary fringe)	Water Table F						_		
(includes capillary fringe)	Saturation Pre	esent?					— Wetla	and Hydrology F	Present? Yes X No
							_ 110410		
	(includes capi		n gauge, monito	oring well. aerial pl	notos, previ	ous inspe	ctions), if a	available: n/a	
	•		. 33-,	p	, , , , , , , , , , , , , , , , , , , ,		,,		
	•								
Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water	•								
supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug.	Describe Reco	ough no surface v	vater was prese	ent at the time of t	ne delineatio	on. eviden	nce of surf	ace soil cracks ir	ndicate that the area ponds water an
	Describe Reco	•	•						ndicate that the area ponds water an
	Describe Reco	•	•						ndicate that the area ponds water an
	Describe Reco	•	•						ndicate that the area ponds water an

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: April 4, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 101
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top	lief (concave,	, convex, none): concave Slope (%): 0-2		
Subregion (LRR): LRR-C	Lat: 3	32.55921		Long: -117.01898 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes	No X	_	h a Camanda d	A
Hydric Soil Present? Yes	No X	is u	he Sampled hin a Wetlan	YAS NO X
Wetland Hydrology Present? Yes X	No	_ """	a rrottan	.
does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed dde to	past land use	es. This feature was sampled during the growing season and
	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species
				That Are OBL, FACW, or FAC: 3 (A)
3				Total Number of Dominant Species Across All Strata: 7 (B)
				Percent of Dominant Species (B)
4.		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)		. 510 5511		
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species 0 x 1 = 0
4				FACW species 3 x 2 = 6
5				FAC species 0 x 3 = 0
		= Total Cove	er	FACU species 8 x 4 = 32
Herb Stratum (Plot size:)	_		=. O	UPL species 0 x 5 = 0
1. Hordeum murinum	5	Y	FACU	Column Totals:11 (A)38(B)
Spergularia bocconi Mesembryanthemum nodiflorum		Y	FACW	Prevalence Index = B/A = 3.5
		Y	FACU FACW	Hydrophytic Vegetation Indicators:
Psilocarphus brevissimus Matricaria discoidea		Y	FACU	
6. Plantago elongata		Y	FACW	Dominance Test is >50% Prevalence Index is ≤3.0¹
7. Salsola tragus	<u> </u>	Y	FACU	Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	11	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:				(
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic Vegetation
% Bare Ground in Herb Stratum89	ver of Biotic	Crust		Present? Yes No X
Remarks: Sample area is a vernal pool that receives ruprevalence of hydrophytic vegetation, it does support two				

Depth	Matrix			dox Features		_	
(inches)	Color (moist)	%	Color (moist)	%Тур	e ¹ Loc ²	Texture	Remarks
D-18	10YR 4/3	100				sandy clay	
						_	
						_	
							_
Type: C=Cor	ncentration, D=Depletion	n, RM=Reduce	ed Matrix, CS=Covered	d or Coated Sand (Grains.	² Location: PL=Po	re Lining, RC=Root Channel, M=Matrix.
lydric Soil	Indicators: (Applic	able to all L	RRs, unless other	wise noted.)			for Problematic Hydric Soils ³ :
Histosol				redox (S5)			Muck (A9) (LRR C)
	pipedon (A2)			Matrix (S6)			Muck (A10) (LRR B)
	istic (A3)			Лиску Mineral (F	=1)		ed Vertic (F18)
	en Sulfide (A4)			Gleyed Matrix (F.			arent Material (TF2)
	d Layers (A5) (LRR	C)		d Matrix (F3)	,		(Explain in Remarks)
	uck (A9) (LRR D)	,		ark Surface (F6	i)		,
	d Below Dark Surfac		d Dark Surface (,			
	ark Surface (A12)	,		epressions (F8)		3Indicators	of hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)			d hydrology must be present,
	Gleyed Matrix (S4)		, ,			disturbed or problematic.	
Postrictivo I	Layer (if present):						
_	Layer (ii present).						
Type:						Hydric Soil Pr	10
Depth (incl							resent? Yes No x
Remarks: no	o hydric soils indicat	ors observed	I			Trydic con T	
	,	ors observed	 			Trydne con T	
YDROLO0	,						condary Indicators (2 or more require
YDROLOG Wetland Hy	GY odrology Indicators	»:	; check all that apply	y)			
YDROLOG Wetland Hy Primary Indi	GY /drology Indicators icators (minimum of	»:	l; check all that apply				condary Indicators (2 or more require Water Marks (B1) (Riverine)
YDROLOG Wetland Hy Primary IndiSurface	GY vdrology Indicators icators (minimum of Water (A1)	»:	i; check all that apply	t (B11)			condary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
YDROLOG Wetland Hy Primary IndiSurfaceHigh Wa	GY /drology Indicators icators (minimum of Water (A1) ater Table (A2)	»:	l; check all that apply Salt Crust Biotic Cru	t (B11) st (B12)	3)		Condary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati	drology Indicators (minimum of Water (A1) ater Table (A2) on (A3)	s: one required	l; check all that apply Salt Crust Biotic Cru Aquatic Ir	t (B11) st (B12) nvertebrates (B1			Condary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water M	GY /drology Indicators icators (minimum of Water (A1) ater Table (A2) ion (A3) //darks (B1) (Nonrive	s: one required rine)	i; check all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen	t (B11) ist (B12) nvertebrates (B1 n Sulfide Odor (C	C1)	Sec	Condary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water M	rdrology Indicators icators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No	s: one required rine) onriverine)	i; check all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized	t (B11) ist (B12) nvertebrates (B1 i Sulfide Odor (C Rhizospheres a	C1) long Living Ro	Sec	Condary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimee	rdrology Indicators icators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (Nonposits (B3) (Nonrive	s: one required rine) onriverine)	; check all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized	t (B11) list (B12) nvertebrates (B1 n Sulfide Odor (C Rhizospheres al n of Reduced Iro	C1) long Living Ro n (C4)	Seconds (C3)	Condary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedime Drift De X Surface	rdrology Indicators rdators (minimum of Water (A1) ater Table (A2) fon (A3) Marks (B1) (Nonrive nt Deposits (B2) (Nonrive Soil Cracks (B6)	s: one required rine) onriverine) erine)	l; check all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ire	t (B11) list (B12) nvertebrates (B1 n Sulfide Odor (C Rhizospheres al of Reduced Iron on Reduction in	C1) long Living Ro n (C4)	Seconds (C3)	Condary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C
YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedime Drift De X Surface Inundati	drology Indicators (cators (minimum of Water (A1) ater Table (A2) fon (A3) Marks (B1) (Nonrive nt Deposits (B2) (Nonrive Soil Cracks (B6) ion Visible on Aerial	one required rine) conriverine) erine)	l; check all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ird	t (B11) Ist (B12) Invertebrates (B1 Invertebrates (B1) In	C1) long Living Ro n (C4) Tilled Soils (C	Seconds (C3)	Condary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3)
YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedime Drift De X Surface	rdrology Indicators rdators (minimum of Water (A1) ater Table (A2) fon (A3) Marks (B1) (Nonrive nt Deposits (B2) (Nonrive Soil Cracks (B6)	one required rine) conriverine) erine)	l; check all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ird	t (B11) list (B12) nvertebrates (B1 n Sulfide Odor (C Rhizospheres al of Reduced Iron on Reduction in	C1) long Living Ro n (C4) Tilled Soils (C	Seconds (C3)	Condary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C
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YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedime Drift De X Surface Inundati Water-S	rdrology Indicators icators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations:	one required rine) onriverine) erine) Imagery (B7	l; check all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ird	t (B11) ist (B12) invertebrates (B1 in Sulfide Odor (Communication of Reduced Iron ion Reduction in the Surface (C7) ixplain in Remark	C1) long Living Ron (C4) Tilled Soils (C	Seconds (C3)	Condary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3)
YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedime Drift De X Surface Inundati Water-S	rdrology Indicators rectors (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present?	cine) conriverine) erine) Imagery (B7	; check all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ird Other (Ex	t (B11) Ist (B12) Invertebrates (B1 In Sulfide Odor (Communication Reduced Iron Its Surface (C7) Its Surface	C1) long Living Ro n (C4) Tilled Soils (C	Seconds (C3)	Condary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3)
YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water N Sedime Drift De X Surface Inundati Water-S Field Observ Surface Water	rdrology Indicators rdrology Indicators rectors (minimum of Water (A1) rdret Table (A2) rdret (B1) (Nonrive rdret (B2) (Nonrive rdret (B3) (Nonrive rdret (B3) (Nonrive rdret (B4) rdret (B	one required rine) conriverine) erine) Imagery (B7	scheck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Other (Ex	t (B11) Ist (B12) Invertebrates (B1 In Sulfide Odor (Communication of Reduced Iron Interpretation on Reduction in the Surface (C7) Isplain in Remark Interpretation of Reduced Iron Interpretation of Ir	C1) long Living Ron (C4) Tilled Soils (Cs)	Seconds (C3)	Condary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedime Drift De X Surface	Adrology Indicators icators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (No posits (B3) (Nonrive is Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present?	crine) conriverine) crine) lmagery (B7	; check all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex	t (B11) Ist (B12) Invertebrates (B1 In Sulfide Odor (Communication of Reduced Iron Interpretation on Reduction in the Surface (C7) Isplain in Remark Interpretation of Reduced Iron Interpretation of Ir	C1) long Living Ron (C4) Tilled Soils (Cs)	Sec. ————————————————————————————————————	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hy Primary Indi Surface High Wa Saturati Water N Sedime Drift De X Surface Inundati Water-S Field Observ Surface Water Vater Table Saturation Pr (includes cap	Archology Indicators (icators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (Nonrive is Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present? interval in the property of the property is present? interval in the property of the property is present?	one required rine) conriverine) erine) Imagery (B7	; check all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex	t (B11) Ist (B12) Invertebrates (B1 In Sulfide Odor (Control Reduced Iron In Reduction in the Surface (C7) Isplain in Remark Ines): Ines): Ines):	C1) long Living Ro n (C4) Tilled Soils (C s) Wetl	oots (C3)	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)
YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water N Sedime Drift De X Surface Inundati Water-S Field Observ Surface Water Vater Table Saturation Princludes cap	Archology Indicators (icators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (Nonrive is Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present? interval in the property of the property is present? interval in the property of the property is present?	one required rine) conriverine) erine) Imagery (B7	; check all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex	t (B11) Ist (B12) Invertebrates (B1 In Sulfide Odor (Control Reduced Iron In Reduction in the Surface (C7) Isplain in Remark Ines): Ines): Ines):	C1) long Living Ro n (C4) Tilled Soils (C s) Wetl	oots (C3)	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)
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YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water N Sedimel Drift Del X Surface Inundati Water-S Field Observ Surface Water Vater Table Saturation Pr includes car escribe Reco	Archology Indicators icators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (No posits (B3) (Nonrive is Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present? present? ionidation of the control of the control ionidation of the cont	one required rine) conriverine) erine) Imagery (B7 Yes Yes Yes gauge, monit	; check all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Other (Ex No X Depth (inch No Depth (inch No Depth (inch Toring well, aerial ph	t (B11) Ist (B12) Invertebrates (B1 In Sulfide Odor (Control Reduced Iron In Reduction in the Surface (C7) Isplain in Remark Ines): Ines): Ines): Inotos, previous in	C1) long Living Ron (C4) Tilled Soils (Cas) Wetlesspections), if	oots (C3)	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)
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YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimel Drift Del X Surface Inundati Water-S Grield Observ Surface Water Vater Table Saturation Princludes cap escribe Recommendation	Archology Indicators icators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (No posits (B3) (Nonrive is Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present? present? ionidation of the posits (B3) orded Data (stream	one required rine) conriverine) erine) Imagery (B7 Yes Yes Yes gauge, monit	; check all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Other (Ex No X Depth (inch No Depth (inch No Depth (inch Toring well, aerial ph	t (B11) Ist (B12) Invertebrates (B1 In Sulfide Odor (Control Reduced Iron In Reduction in the Surface (C7) Isplain in Remark Ines): Ines): Ines): Inotos, previous in	C1) long Living Ron (C4) Tilled Soils (Cas) Wetlesspections), if	oots (C3)	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)

Project/Site: Southwest Village Specific Plan City/County: San Diego, CA Sampling Date: April 4, 2018									
Applicant/Owner: Pardee Homes State: CA Sampling Point: 102									
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W					
Landform (hillslope, terrace, etc.): mesa top			ief (concave,	, convex, none): concave Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat:		•	Long: -117.01900 Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s									
Are climatic / hydrologic conditions on the site typical fo									
			·	Are "Normal Circumstances" present? Yes X No					
				(If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map sl									
Hydrophytic Vegetation Present? Yes X	_No	le th	ne Sampled	Arna					
Hydric Soil Present? Yes X	_No		ie Sampieu iin a Wetlan	YAS X NO					
Wetland Hydrology Present? Yes X	_No	_							
meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to p	past land usc	es. This feature was sampled during the growing season and					
Trae Stratum (Diet size:	Absolute	Dominant Species?	Indicator	Dominance Test worksheet:					
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)					
2.				Total Number of Dominant					
3.				Species Across All Strata: 2 (B) Percent of Dominant Species					
4				That Are OBL, FACW, or FAC: 50% (A/B)					
Sapling/Shrub Stratum (Plot size:)		= Total Cove	er						
1. none				Prevalence Index worksheet:					
				Total % Cover of: Multiply by:					
3				OBL species 1 x 1 = 1					
4.				FACW species 23 x 2 = 46					
5.				FAC species0 x 3 =0					
		= Total Cove	er	FACU species 8 x 4 = 32					
Herb Stratum (Plot size:)				UPL species1 x 5 = 5					
1. Hordeum murinum	8	Y	FACU	Column Totals:33 (A)84(B)					
2. Spergularia bocconi	2	N	FACW	Prevalence Index = B/A = 2.5					
3. Chrysanthemum coronarium	1	N	UPL						
4. Psilocarphus brevissimus	15	Y	FACW	Hydrophytic Vegetation Indicators:					
5. Plagiobothrys acanthocarpus		N	OBL	Dominance Test is >50%					
Plantago elongata Lepidium latipes		N	FACW FACW	X Prevalence Index is ≤3.0¹					
8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)					
o	33	= Total Cov		Problematic Hydrophytic Vegetation ¹ (Explain)					
Woody Vine Stratum (Plot size:)		rotal Gov	.01	Froblematic Hydrophytic Vegetation (Explain)					
1. none				¹ Indicators of hydric soil and wetland hydrology must					
2.				be present, unless disturbed or problematic.					
		= Total Cove	er	Hydrophytic					
% Bare Ground in Herb Stratum 70 % Cc	ver of Biotic	: Crust		Vegetation Present? Yes X No					
Remarks: Sample area is a vernal pool that receives ru	unoff from a	relatively sma	all local micro	-watershed. In addition to the vernal pool consisting					
				cies (Plagiobothrys acanthocarpus, Plantago elongata, and					

Depth	(Describe to the Matrix			edox Featı			4200110	- 01 111			
(inches) Colo	r (moist)	% Co	olor (moist)	%	Type ¹	Loc ²	Textu	re		Rema	arks
0-12 10YR 4	/3 10	00					sandy cla	ıy	no redox		
12-18 10YR 4	/3 9	98 7.5YF	R 4/4	2	С	М	sandy cla	ay			
¹ Type: C=Concentration							² Location: PL=				
Hydric Soil Indicate	ors: (Applicable t	to all LRRs,			•					atic Hydrid	c Soils ³ :
Histosol (A1) Histic Epipedon ((42)			Redox (S5 d Matrix (S	•				k (A9) (LF k (A10) (L		
Black Histic (A3)	. ,			Mucky Mir	,				Vertic (F1	,	
Hydrogen Sulfide				Gleyed Ma	` '				nt Materia	,	
Stratified Layers				d Matrix (F					plain in Re		
1 cm Muck (A9)	(LRR D)			Dark Surfa	` '						
	Dark Surface (A1	1)			rface (F7)		2	_			
Thick Dark Surfa				Depression						c vegetatio	
Sandy Mucky Mi Sandy Gleyed M	` '		vernai i	Pools (F9)				-		nust be pres problematic	
									idi bod oi	or object hade	•
Restrictive Layer (if Type:	present):										
Depth (inches):							Hydric Soi	l Droce	ont?	res X	No
Remarks: redox feat											
to strong indicators of indicators due to limit											
HYDROLOGY											
Wetland Hydrology											r more required
Primary Indicators (n		equired; che		,						(B1) (Rive	
Surface Water (A	,		Salt Crus	, ,			-				(Riverine)
High Water Tabl	e (A2)		Biotic Cru	` '	(D40)		-			s (B3) (Riv	•
Saturation (A3)	I) (Nonriverine)			nvertebrat	, ,		-			tterns (B10	
Water Marks (B1	sits (B2) (Nonrive	rino\		n Sulfide (eres along l	ivina Pa	ote (C3)		-	Water Tabl urface (C7)	
	3) (Nonriverine)	iiiie)		•	ced Iron (C4	-				rows (C8))
X Surface Soil Cra	, ,				tion in Tilled		(6)		-		erial Imagery (C9)
	e on Aerial Image	erv (B7)		k Surface			-			itard (D3)	aago.y (00)
Water-Stained L	_	, ,		kplain in R	, ,		_			Test (D5)	
Field Observations:											
Surface Water Preser	nt? Yes	No :	X_Depth (inc	hes):							
Water Table Present?	_		 Depth (inc			_					
	Yes	No	Depth (inc	hes):		Wetl	and Hydrol	ogy Pı	esent?	Yes_X	(No
Saturation Present?	\										
(includes capillary frin	-										
(includes capillary frin	-	e, monitoring	well, aerial pl	notos, prev	vious inspec	tions), if	available: n	ı/a			
(includes capillary frin	-	e, monitoring	ı well, aerial ph	notos, prev	vious inspec	tions), if	available: n	ı/a			
(includes capillary frin Describe Recorded Da	ata (stream gauge								dicate that	the area po	onds water and
(includes capillary frin	ata (stream gauge								dicate that	the area po	onds water and
(includes capillary frin Describe Recorded Da Remarks: Although no	ata (stream gauge								dicate that	the area po	onds water and

Project/Site: Southwest Village Specific Plan City/County: San Diego, CA Sampling Date: March 4, 2018										
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 103					
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S F	R01W					
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave	Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat:	32.55867		Long: -117.01920	Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification	on: None					
Are climatic / hydrologic conditions on the site typical fo	r this time of	f year? Yes	X No	o (If no, explain in	Remarks.)					
Are Vegetation X, Soil , or Hydrology										
Are Vegetation, SoilX, or Hydrology	 natura	ally problema	tic? Yes	(If needed, explain any ans	swers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map si	nowing sa	mpling poli	nt locations	s, transects, importan	t teatures, etc.					
Hydrophytic Vegetation Present? Yes X	_No	_ 1-41	0 1 1	A						
Hydric Soil Present? Yes X	_No		he Sampled nin a Wetlan	YAC X	X No					
Wetland Hydrology Present? Yes X	_No	_ """	iiii a rrotiaii	u .						
Remarks: The majority of the vegetation on the site has	as been dist	urbed due to	past land use	es. This feature was sample	ed during the growing season and					
meets the wetland criteria.		'	•	·	0 0					
VEGETATION – Use scientific names of plants		Daminant	la di a atau	Dominance Test works	a ha a ti					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status							
1. none				Number of Dominant Sp That Are OBL, FACW, of						
2.				Total Number of Domina	. ,					
3.				Species Across All Strat	(D)					
4				Percent of Dominant Sp						
		= Total Cove	er	That Are OBL, FACW, o	or FAC: <u>100%</u> (A/B)					
Sapling/Shrub Stratum (Plot size:)										
1. none				Prevalence Index work						
2.				Total % Cover of:	Multiply by:					
3.				OBL species	x 1 =					
4				FACW species						
5				FAC species FACU species						
Herb Stratum (Plot size:)		= Total Cove	31	UPL species	x 5 =					
1. Psilocarphus brevissimus	20	Y	FACW	Column Totals:	(A) (B)					
Deinandra fasciculata	2	N	FACU							
3. Plagiobothrys acanthocarpus		N	OBL	Prevalence Inde	x = B/A =					
4. Hordeum murinum	1	N	FACU	Hydrophytic Vegetatio	n Indicators:					
5. Spergularia bocconi	1	N	FACW	X Dominance Test i	s >50%					
6. Crassula aquatica	1	N	OBL	Prevalence Index						
7. Plantago elongata	1	N	FACW	Morphological Ad	aptations ¹ (Provide supporting					
8.				data in Remark	ks or on a separate sheet)					
	28	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)					
Woody Vine Stratum (Plot size:)										
1. <u>none</u>					il and wetland hydrology must					
2				be present, unless dist	urbed or problematic.					
	0	= Total Cove	er	Hydrophytic						
% Bare Ground in Herb Stratum 72 % Co	over of Biotic	Cruet	0	Vegetation Yesent? Yes	es X No					
		-								
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does support										
Crassula aquatica, and Plantago elongata).		1 P. SI IV III	spoon	, 3. p 2. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	,					

Depth	Ma [*]		h needed to docum Ro	edox Featu						
(inches)	Color (moist) %	Color (moist)	%	Type ¹	Loc ²	Texture	_	Remarks	
0-3	10YR 3/2						sandy clay	no redox		
3-18	10YR 4/4						sandy clay	no redox		
-	-			-	· 		- <u> </u>			
	-						-			
	-						-			
	-									
	-						_			
¹ Type: C=Co	oncentration, D=Dep	letion, RM=Redu	iced Matrix, CS=Covere	d or Coated	Sand Grains.	2	Location: PL=Por	e Lining, RC=F	Root Channel, M	=Matrix.
Hydric So	il Indicators: (Ap	plicable to all	LRRs, unless other	wise note	d.)		Indicators	for Problem	atic Hydric So	oils³:
Histoso	ol (A1)		Sandy I	Redox (S5))		1 cm M	luck (A9) (LF	RR C)	
	Epipedon (A2)			d Matrix (S	,			luck (A10) (L	,	
	Histic (A3)			Mucky Min	` '			ed Vertic (F1	,	
	gen Sulfide (A4)	BB C\		Gleyed Ma d Matrix (F				arent Materia Explain in Re	. ,	
	ed Layers (A5) (L ⁄luck (A9) (LRR D			u Mailix (F Dark Surfa	,		Other (Explain in Re	emarks)	
	ed Below Dark Su	,		d Dark Su	` '					
	Dark Surface (A12		 Redox	Depression	ns (F8)		³ Indicators	of hydrophyti	c vegetation a	nd
Sandy	Mucky Mineral (S	S1)	Vernal l	Pools (F9)			wetland	hydrology m	nust be present	t,
Sandy	Gleyed Matrix (S	4)					unless	disturbed or p	oroblematic.	
Restrictive	Layer (if presen	t):								
Type:										
Depth (in	ches):						Hydric Soil Pr	esent?	res X	No
seasonally caused dist	ponded and may urbance.		to strong indicators of indicators due to lim							
HYDROLO										
	lydrology Indica						Sec		cators (2 or m	
	,	n of one require	ed; check all that app						(B1) (Riverin	
	e Water (A1)		Salt Crus	, ,					eposits (B2) (R	•
•	Vater Table (A2)		X Biotic Cr	` ,	(5.46)				s (B3) (Riverir	ie)
	ition (A3)			nvertebrat	, ,			Drainage Pa		20)
	Marks (B1) (Non	•	<u> </u>	n Sulfide C	, ,	i da a Da		•	Water Table (0	52)
	ent Deposits (B2)				eres along L	_	ots (C3)	Thin Muck S		
	eposits (B3) (Nor e Soil Cracks (B6	,			ed Iron (C4)		e)	Crayfish Bur		Imagany (C0)
	ation Visible on A	•		k Surface	tion in Tilled	Solis (C		Shallow Aqu	isible on Aerial	illiagery (C9)
	Stained Leaves (· —	xplain in R	. ,			FAC-Neutral		
			(()	
Field Obse	rvations: ater Present?	Voc	No. V. Donth (inc	hoo):						
Water Table			No X Depth (inc			-				
Saturation F			No Depth (inc			- Wetls	and Hydrology	Present?	Yes X	No
	apillary fringe)		NoBepar (inc			-	ina riyarology	110301111	103 <u>X</u>	
Describe Re	corded Data (stre	am gauge, mo	nitoring well, aerial p	notos, prev	ious inspect	ions), if	available: n/a			
							. ,	111.0		
	Ithough no surfact and supports we		esent at the time of t	ne delineat	ion, evidenc	e of surf	ace soil cracks	and biotic cr	ust indicate tha	at the area
portus water	and supports we	uanu nyunulugy	-							

Project/Site: Southwest Village Specific Plan City/County: San Diego, CA Sampling Date: March 4, 2018										
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 104					
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S I	 R01W					
Landform (hillslope, terrace, etc.): mesa top				-	Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat: :		*	Long: -117.01913						
Soil Map Unit Name:					on: Freshwater Emergent Wet	 tland				
Are climatic / hydrologic conditions on the site typical fo	r this time of	vear? Ves	X No			-tiarra				
Are Vegetation X, Soil , or Hydrology										
Are Vegetation, Soil, or Hydrology										
Are vegetation, JoinX,Oi Tryurology		ally problema	uc: 165	(ii riceded, explain any an	swers in itematics.)					
SUMMARY OF FINDINGS – Attach site map sl	nowing sa	mpling poi	nt locations	s, transects, importan	t features, etc.					
Hydrophytic Vegetation Present? Yes X	No									
Hydric Soil Present? Yes X	_No	-	ne Sampled	VAC 1	X No					
Wetland Hydrology Present? Yes X	No	— with	nin a Wetlan	d?						
Remarks: The majority of the vegetation on the site ha		urbod due to	noot land use	on This facture was sample	and during the growing econon	and				
meets the wetland criteria.	as been disti	urbed due to	past land use	es. This leature was sampl	ed during the growing season	and				
VEGETATION - Use scientific names of plants	S.									
	Absolute	Dominant	Indicator	Dominance Test work	sheet:					
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Sp						
1. none				That Are OBL, FACW, o	, ,	۱)				
2. 3.				Total Number of Domina Species Across All Strategies	to.					
				Percent of Dominant Sp	را (ا	')				
4		= Total Cove		That Are OBL, FACW, of		VB)				
Sapling/Shrub Stratum (Plot size:)		- Total Cove	31							
1. none				Prevalence Index worl	ksheet:					
2				Total % Cover of:	Multiply by:					
2				OBL species	x 1 =					
				FACW species						
5.				FAC species	•					
		= Total Cove	er	FACU species						
Herb Stratum (Plot size:				UPL species	x 5 =					
Psilocarphus brevissimus	20	Υ	FACW	Column Totals:	(A)(B)					
2. Deinandra fasciculata	2	N	FACU	Prevalence Inde	ex = B/A =					
3. Plagiobothrys acanthocarpus	2	N	OBL	Frevalence inde	X - B/A					
4. Spergularia bocconi	10	Υ	FACW	Hydrophytic Vegetation	on Indicators:					
5. Erodium botrys	1	N	FACU	_X_ Dominance Test	is >50%					
6. Lolium perenne	5	N	FAC	Prevalence Index	(is ≤3.0 ¹					
7. Plantago elongata	1	N	FACW		laptations¹ (Provide supporting	g				
8. Hordeum murinum	4	N	FACU	data in Remar	ks or on a separate sheet)					
	45	= Total Cov	/er	Problematic Hydr	rophytic Vegetation¹ (Explain)					
Woody Vine Stratum (Plot size:)										
1. <u>none</u>					oil and wetland hydrology must	t				
2				be present, unless dist	urbed or problematic.					
	0	= Total Cove	er	Hydrophytic						
% Bare Ground in Herb Stratum 55 % Co	ver of Biotic	Cruet	0	Vegetation Yesent? Yes	es X No					
		-								
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does support										
acanthocarpus, and Plantago elongata).	JO VOITE	poor plant 1		(. 5554) ÞI 145 ÞI 6415511	,					

Depth	. ` Matrix		n needed to docur	Redox Featur	es			•		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remark	s
0-3	10YR 3/2						sandy clay	no redox		
3-18	10YR 4/4						sandy clay	no redox		
				·						
				<u> </u>				_		
¹ Type: C=Conc	entration. D=Depleti	on. RM=Redu	ced Matrix, CS=Cover	ed or Coated S	Band Grains.	² l	Location: PL=Pore	Lining, RC=	Root Channel. I	M=Matrix.
			LRRs, unless othe						atic Hydric	
Histosol (A1)		Sandy	Redox (S5)			1 cm M	uck (A9) (LF	RR C)	
	pedon (A2)		Strippe	ed Matrix (S6)			uck (A10) (L		
Black His			Loamy	Mucky Mine	ral (F1)			d Vertic (F1		
Hydrogen	Sulfide (A4)		Loamy	Gleyed Mati	rix (F2)			rent Materia		
	Layers (A5) (LRR	(C)		ed Matrix (F3			X Other (E	Explain in R	emarks)	
	k (A9) (LRR D)	,	Redox	Dark Surface	é (F6)			•	,	
 Depleted	Below Dark Surfa	ice (A11)		ed Dark Surf						
Thick Dar	k Surface (A12)	, ,	Redox	Depressions	(F8)		³ Indicators of	of hydrophyt	ic vegetation	and
Sandy Mu	ucky Mineral (S1)			Pools (F9)	, ,		wetland	hydrology n	nust be prese	nt,
Sandy Gl	eyed Matrix (S4)			, ,			unless d	isturbed or	oroblematic.	
Restrictive La	ayer (if present):									
Туре:										
Depth (inche	es):						Hydric Soil Pre	sent?	Yes X	No
	nded and may lac pance.		to strong indicators indicators due to lin							
	rology Indicator	s·					Sec	ondary Indi	cators (2 or	more required
_			d; check all that app	oly)					(B1) (Riveri	
	Vater (A1)	r ono roquiro		ıst (B11)					eposits (B2) (*
	` ,			, ,						,
<u> </u>	er Table (A2)			rust (B12)	- (D40)			•	s (B3) (River	iiie)
Saturation	` '	\		Invertebrates	,				itterns (B10)	(00)
	arks (B1) (Nonrive		<u> </u>	en Sulfide Od	, ,			-	Water Table	(C2)
	t Deposits (B2) (N	-		d Rhizosphei	•	ving Roo	· /	Thin Muck S	,	
	osits (B3) (Nonriv	erine)		e of Reduce				Crayfish Bur		
	Soil Cracks (B6)			Iron Reduction		Soils (C6				al Imagery (C9
Inundatio	n Visible on Aeria	I Imagery (B	7)Thin Mu	ick Surface (C7)			Shallow Aqu	itard (D3)	
Water-Sta	ained Leaves (B9)	Other (E	Explain in Re	marks)			FAC-Neutra	Test (D5)	
Field Observa										
Surface Water		Yes	No X Depth (in			-				
Water Table P	resent?	Yes	No Depth (in	· —		_				
Saturation Pre (includes capil		Yes	No Depth (in	ches):		_ Wetla	nd Hydrology	Present?	Yes X	_No
		n gauge, mor	nitoring well, aerial p	hotos, previo	ous inspecti	ions), if a	available: n/a			
								p , , ,		
	•	vater was pre	esent at the time of	the delineation	on, evidenc	e of surfa	ace soil cracks i	ndicate that	the area pon	ds water and
supports wetlar	nd hydrology.									

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: April 4, 2018					
Applicant/Owner: Pardee Homes State: CA Sampling Point: 105									
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W					
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat: <u>3</u>	32.55853		Long: -117.01868 Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent si	lopes			NWI classification: None					
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o(If no, explain in Remarks.)					
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ed? Yes	Are "Normal Circumstances" present? Yes X No					
Are Vegetation, Soil, or Hydrology	natura	ally problema	tic? Yes ((If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poi	nt locations	s, transects, important features, etc.					
Hydrophytic Vegetation Present? Yes	No X								
Hydric Soil Present? Yes	No X	I	ne Sampled <i>i</i> nin a Wetland	Yes No X					
Wetland Hydrology Present? Yes X	No		iii a vvetiain	u:					
Remarks: The majority of the vegetation on the site hadoes not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and					
	Absolute	Dominant	Indicator	Dominance Test worksheet:					
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species					
1. none				That Are OBL, FACW, or FAC: 0 (A)					
2. 3.				Total Number of Dominant Species Across All Strata: 0 (B)					
4.				Percent of Dominant Species					
Spaling/Shruk Stratum /Distaires		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)					
Sapling/Shrub Stratum (Plot size:) 1. none				Prevalence Index worksheet:					
2.				Total % Cover of: Multiply by:					
3.				OBL species 0 x 1 = 0					
				FACW species 0 x 2 = 0					
5.				FAC species 0 x 3 = 0					
		= Total Cove	er	FACU species 2 x 4 = 8					
Herb Stratum (Plot size:)				UPL species0 x 5 =0					
Matricaria discoidea	1	N	FACU	Column Totals: 2 (A) 8 (B)					
Mesembryanthemum nodiflorum 3.	1	N	FACU_	Prevalence Index = B/A = 4					
4				Hydrophytic Vegetation Indicators:					
5.				Dominance Test is >50%					
6				Prevalence Index is ≤3.0¹					
7. 8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)					
0		= Total Cov	/Ar	Problematic Hydrophytic Vegetation¹ (Explain)					
Woody Vine Stratum (Plot size:)		- Total Ook	, CI	Problematic Hydrophytic Vegetation (Explain)					
1none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.					
2									
0/ Page County in Hart Otratium 00 0/ Cou		= Total Cove		Hydrophytic Vegetation					
	ver of Biotic		0	Present? Yes No X					
Remarks: Sample area is a vernal pool that receives ru vegetation cover insufficient (less than 5%) to be consid				-watershed. Sampled during the growing season, but oll plant indicator species were present within the basin.					

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Feati	ıres						
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks			
				<u></u>							
							_				
							-				
							_				
¹ Type: C=Co	ncentration, D=Depletion	RM=Reduced	Matrix, CS=Covere	d or Coated	Sand Grains	s. ²	Location: PL=Po	ore Lining, RC=Root Channel, M=Matrix.			
Hydric Soil	Indicators: (Applica	ble to all LR	Rs, unless other	wise note	ed.)		Indicators	s for Problematic Hydric Soils ³ :			
Histoso	I (A1)		Sandy F	Redox (S5)		1 cm i	Muck (A9) (LRR C)			
	pipedon (A2)			d Matrix (S				Muck (A10) (LRR B)			
	istic (A3)			Mucky Mir	,			ced Vertic (F18)			
	en Sulfide (A4)			Gleyed Ma				Parent Material (TF2)			
	d Layers (A5) (LRR C)		d Matrix (F	, ,			(Explain in Remarks)			
	uck (A9) (LRR D)	,		Dark Surfa	,			(27pairin terraine)			
	d Below Dark Surface	(A11)		d Dark Su	` '						
	ark Surface (A12)	(/ () ()		Depression	, ,		3Indicators	s of hydrophytic vegetation and			
	Mucky Mineral (S1)			Pools (F9)	10 (1 0)			d hydrology must be present,			
	Gleyed Matrix (S4)		vcman	0013 (1 3)				s disturbed or problematic.			
							unicoo	distarbed of problematic.			
Restrictive	Layer (if present):										
Type:			_								
Depth (inc	hes):		<u>-</u>				Hydric Soil P	resent? Yes No X			
Damanda, T							4 4 la a la calmana la c	/tic vegetation standard to be considered a			
	erefore, no soil pit was						it tile riyuropriy	ric vegetation standard to be considered a			
wettarid. Trie	stelote, tio soil pit was	dug and nyu	inc sons are not o	orisidered	to be prese	iii.					
HYDROLO	2V										
_	drology Indicators:						Se	econdary Indicators (2 or more required)			
Primary Ind	icators (minimum of o	ne required; c	check all that appl	y)				_Water Marks (B1) (Riverine)			
Surface	Water (A1)		Salt Crus	st (B11)				_Sediment Deposits (B2) (Riverine)			
High W	ater Table (A2)		Biotic Cr	ust (B12)				Drift Deposits (B3) (Riverine)			
Saturat	ion (A3)		Aguatic I	nvertebrat	es (B13)			Drainage Patterns (B10)			
	Marks (B1) (Nonriveri	ne)		n Sulfide (` '		Drainage Fatterns (B10) Dry-Season Water Table (C2)				
	ent Deposits (B2) (Nor	,			eres along	Livina Po		Thin Muck Surface (C7)			
		•		-	_	-	OIS (C3)				
	posits (B3) (Nonriver	ine)			ced Iron (C4	•		_ Crayfish Burrows (C8)			
	Soil Cracks (B6)		Recent Ir	on Reduc	tion in Tilled	d Soils (C	6)	_Saturation Visible on Aerial Imagery (C9)			
Inundat	ion Visible on Aerial Iı	nagery (B7)	Thin Muc	k Surface	(C7)			_ Shallow Aquitard (D3)			
Water-S	Stained Leaves (B9)		Other (Ex	Other (Explain in Remarks)				_FAC-Neutral Test (D5)			
Field Obser	vations:										
Surface Wat		se N	o V Donth (inc	hoc):							
			Depth (inc			-					
Water Table			Depth (inc								
Saturation P		es No	Depth (inc	hes):		_ Wetla	and Hydrolog	y Present? Yes X No			
(includes ca	, ,			4 -	d *	-41					
Describe Rec	orded Data (stream g	auge, monito	ring well, aerial pl	notos, prev	ious inspe	ctions), if	available: n/a				
								the rainy season and fairy shrimp surveys			
	ed witnin this pool. Tr blogy. Water table leve						mmature rairy	shrimp indicate that the area supports			
ouana nyun	nogy. Traici lable levi	, una saluial	ion are not known	. 45 4 5011	אונ זייםט ווטנ	aug.					

Project/Site: Southwest Village Specific Plan City/County: San Diego, CA Sampling Date: April 4, 2018										
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 106					
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S F	R01W					
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave	Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat: 3	32.55835		Long: -117.01871	Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classificatio						
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in	Remarks.)					
Are Vegetation X, Soil , or Hydrology										
Are Vegetation X, Soil , or Hydrology										
										
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poli	nt locations	s, transects, important	t teatures, etc.					
Hydrophytic Vegetation Present? Yes X	_No	_ 1-41	0 1 1	A						
Hydric Soil Present? Yes X	No		he Sampled nin a Wetlan	ΥΔς X	X No					
Wetland Hydrology Present? Yes X	No	_ """	iiii a vvotiaii	u.						
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	es. This feature was sample	ed during the growing season ar					
meets the wetland criteria.		'	•	'	3 3 3					
VEGETATION – Use scientific names of plants										
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works						
1. none	70 OOVCI	Орсоюз:	<u>Otatus</u>	Number of Dominant Sp That Are OBL, FACW, o						
2.				Total Number of Domina	. ,					
3.				Species Across All Strat						
4.				Percent of Dominant Sp	pecies					
		= Total Cove	er	That Are OBL, FACW, o	or FAC: 71 (A/B)					
Sapling/Shrub Stratum (Plot size:)										
1. none				Prevalence Index work	sheet:					
2				Total % Cover of:	Multiply by:					
3				OBL species	x 1 =					
4				FACW species						
5				FAC species						
		= Total Cove	er	FACU species						
Herb Stratum (Plot size:)				UPL species	x 5 =					
1. Matricaria discoidea	1	Y	FACU	Column Totals:	(B)					
2. Psilocarphus brevissimus	2	Y	FACW	Prevalence Index	x = B/A =					
3. Lythrum hyssopifolia	1	Y	OBL							
4. Plantago elongata		Y	FACW	Hydrophytic Vegetatio						
5. Plagiobothrys acanthocarpus	1	Y	OBL	X Dominance Test is						
6. Hordeum murinum	1	Y	FACU	Prevalence Index						
7. Spergularia bocconi 8.		r	FACW		aptations¹ (Provide supporting ks or on a separate sheet)					
0	8	= Total Cov	·or		•					
Woody Vine Stratum (Plot size:)		- Total Cov	/GI	Problematic Hydro	ophytic Vegetation¹ (Explain)					
1. none				¹ Indicators of hydric soi	il and wetland hydrology must					
2.				be present, unless dist						
	0	= Total Cove		I hadaa ahadia						
		- Total Cove	5 1	Hydrophytic Vegetation						
% Bare Ground in Herb Stratum92	ver of Biotic	Crust	0	Present? Ye	es X No					
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro	_ ∪-watershed. The sample ar	rea supports a					
predomince of hydrophytic vegetation, and it also support										
Plagiobothrys acanthocarpus).										

Depth	iption: (Describe to Matrix	- ale depui ile		edox Featur		U	42301106 01			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks		
0-3	10YR 3/2	100					sandy clay	no redox		
3-18	10Yr 4/4	10					sandy clay	no redox		
								-		
				· ——				_		
								_		
								_		
¹ Type: C=Cond	centration, D=Depletion	n, RM=Reduced I	Matrix, CS=Covere	d or Coated	Sand Grains.	² l	Location: PL=Pore	Lining, RC=Root Channel, M=Matrix.		
Hydric Soil I	ndicators: (Applic	able to all LRR	Rs, unless othe	rwise noted	d.)		Indicators f	or Problematic Hydric Soils ³ :		
Histosol ((A1)		Sandy	Redox (S5)			1 cm Mi	uck (A9) (LRR C)		
Histic Epi	pedon (A2)		Strippe	d Matrix (S6	5)		2 cm Mu	uck (A10) (LRR B)		
Black His	` '			Mucky Mine				d Vertic (F18)		
	n Sulfide (A4)			Gleyed Mat	, ,			rent Material (TF2)		
	Layers (A5) (LRR (C)		d Matrix (F	,		X Other (E	Explain in Remarks)		
	ck (A9) (LRR D)			Dark Surfac	` '					
	Below Dark Surfac	e (A11)		ed Dark Surf	` '		31	flooder by discount discount		
	rk Surface (A12)			Depressions	S (F8)			of hydrophytic vegetation and		
	Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4)		vernai	Pools (F9)		wetland hydrology must be present, unless disturbed or problematic.				
·	. , ,						uniess u	isturbed or problematic.		
_	ayer (if present):									
Туре:			-							
Depth (inche	es):		-				Hydric Soil Pre	sent? Yes X No No		
HYDROLOG	Y									
	rology Indicators	•					Seco	ondary Indicators (2 or more required		
_	ators (minimum of		heck all that app	lv)				Vater Marks (B1) (Riverine)		
	Nater (A1)		Salt Cru					Sediment Deposits (B2) (Riverine)		
	ter Table (A2)		X Biotic Cr					Orift Deposits (B3) (Riverine)		
Saturatio	` '			nvertebrate	s (B13)			Orainage Patterns (B10)		
	arks (B1) (Nonrive i	rine)	 ·	n Sulfide O	` ,			Dry-Season Water Table (C2)		
	t Deposits (B2) (No	,		Rhizosphe		vina Roc		Thin Muck Surface (C7)		
	osits (B3) (Nonrive	•		e of Reduce	_	villig i tot		Crayfish Burrows (C8)		
	Soil Cracks (B6)			ron Reducti		Soils (Cé		Saturation Visible on Aerial Imagery (CS		
	on Visible on Aerial	Imagery (B7)		ck Surface (000 (00		Shallow Aquitard (D3)		
	ained Leaves (B9)	inagery (B1)		xplain in Re				FAC-Neutral Test (D5)		
				zpiaii ii i to	marroj		<u> </u>	7.0 1.0di.di. 1.001 (2.0)		
Field Observa		/ NI-	V Double Go	.l \						
Surface Water			XDepth (inc			-				
Water Table F			Depth (inc			- \	and the dual arms	Dunganta Van V Na		
0-4		'es No	Depth (inc	nes):		- vvetia	nd Hydrology	Present? Yes X No		
Saturation Pre	llary fringe)									
(includes capil	• • • •	nauge monitori	ing well, aerial n	hotos nrevi	ous inspect	ions) if a	availahle n/a			
(includes capil	llary fringe) rded Data (stream (gauge, monitori	ing well, aerial p	hotos, previ	ous inspect	ions), if a	available: n/a			
(includes capil	• • • •	gauge, monitori	ing well, aerial p	hotos, previ	ous inspect	ions), if a	available: n/a			
(includes capil Describe Reco	rded Data (stream ough no surface wa	ater was presen		·				and biotic crusts indicate that the area		
(includes capil Describe Reco	rded Data (stream (ater was presen		·				and biotic crusts indicate that the area		
(includes capil Describe Reco	rded Data (stream ough no surface wa	ater was presen		·				and biotic crusts indicate that the area		
(includes capil Describe Reco	rded Data (stream ough no surface wa	ater was presen		·				and biotic crusts indicate that the area		

Project/Site: Southwest Village City/County: San Diego, CA Sampling Date: April 11, 20:									
Applicant/Owner: Pardee Homes State: CA Sampling Point: 107									
Investigator(s): Beth Procsal, Kayo Valenti		Section,	Township, R	ange: Section 31, T18S	R01W				
Landform (hillslope, terrace, etc.): mesa top	Local relief (concave, convex, none): concave Slope (%): 0-2								
Subregion (LRR): LRR-C	Lat: 32.55660 Long: -117.02716 Datum: NAD83								
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification	on: None				
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	o (If no, explain in	Remarks.)				
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ed? Yes	Are "Normal Circumstance	es" present? Y	'es X	No		
Are Vegetation, Soil, or Hydrology	 natura	ally problemat	ic? Yes	(If needed, explain any an	swers in Rema	arks.)			
SUMMARY OF FINDINGS – Attach site map s									
Hydrophytic Vegetation Present? Yes	No X								
	No X	IS tr	ie Sampled . in a Wetlan	YAC	No	X			
Wetland Hydrology Present? Yes X		With	iii a vveudii	ur —					
Remarks: The majority of the vegetation on the site h does not meet the wetland criteria. VEGETATION – Use scientific names of plant		arbed due to p	Jast land use	s. This leature was sampl	ed during the	growing se	ason and		
	Absolute	Dominant	Indicator	Dominance Test work	sheet:				
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Sp					
1. none				That Are OBL, FACW, o		0	(A)		
2				Total Number of Domin Species Across All Stra					
3				Percent of Dominant Sp		1	(B)		
4				That Are OBL, FACW,		0	(A/B)		
Sapling/Shrub Stratum (Plot size:)		= Total Cove	91						
1. none				Prevalence Index wor	ksheet:				
2				Total % Cover of:		ultiply by:			
3.				OBL species 0	x 1 =	0	_		
4.				FACW species 0	x 2 =	0			
5.				FAC species 2	x 3 = _	6	_		
		= Total Cove	er	FACU species 9	x 4 =	36	_		
Herb Stratum (Plot size:)				UPL species 2	x 5 = _	10	_		
1. Sonchus asper	1	N	FAC	Column Totals: 13	(A)	52	(B)		
2. Salsola tragus	1	N	FACU	Prevalence Inde	ex = B/A = 4.0				
3. Lepidium nitidum	1	N	FAC						
4. Chrysanthemum coronarium	2	N	UPL	Hydrophytic Vegetation	on Indicators:				
5. Mesembryanthemum nodiflorum	8	Y	FACU	Dominance Test					
6.				Prevalence Index					
7. 8.	-			Morphological Add					
0	13	= Total Cov	or	Problematic Hydr	•		,		
Woody Vine Stratum (Plot size:)		10101 001	OI .	Froblematic riyul	opriyuc vegeu	alion (Exp	iaiii)		
1. none				¹ Indicators of hydric so	oil and wetland	hvdrology	must		
				be present, unless dist					
2.		= Total Cove	er	Hydrophytic Vegetation					
% Bare Ground in Herb Stratum89	over of Biotic	Crust		Present? Y	es	NoX			
Remarks:									

Profile Desc Depth	cription: (Describ Matri		needed to docum	ent the indedox Feature		confirm t	he absence o	of indicators.)
(inches)	Color (moist)	<u>^</u>	Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
(1101100)	Color (moist)		Color (moiot)		Турс	LOO	- TOXIGIO	
							_	
								
							_	
¹ Type: C=Co	ncentration, D=Deple	tion, RM=Reduce	d Matrix, CS=Covere	d or Coated	Sand Grain	s. ²	Location: PL=P	Pore Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (App	licable to all LF	RRs, unless other	wise noted	d.)		Indicators	rs for Problematic Hydric Soils ³ :
Histoso	I (A1)		Sandy F	Redox (S5)			1 cm	Muck (A9) (LRR C)
	pipedon (A2)			l Matrix (S6	3)			Muck (A10) (LRR B)
_	listic (A3)			Mucky Mine	,			uced Vertic (F18)
	en Sulfide (A4)			Gleyed Mat				Parent Material (TF2)
	d Layers (A5) (LR	B C\		d Matrix (F				r (Explain in Remarks)
l —	, , ,	KC)		a Maurix (F. Dark Surfac	,		Other	(Explain in Remarks)
	uck (A9) (LRR D)	F (A 4 4)			` '			
	d Below Dark Sur	, ,		d Dark Sur			2	
	ark Surface (A12)			Depression	s (F8)			rs of hydrophytic vegetation and
	Mucky Mineral (S1	,	Vernal F	Pools (F9)				nd hydrology must be present,
Sandy (Gleyed Matrix (S4))					unless	s disturbed or problematic.
Restrictive	Layer (if present)							
Type:	.,							
	l= = = \.		_				Lhudaia Cail D	Dunnamid Van Na V
Depth (inc	:nes):		_				Hydric Soil P	Present? Yes No X
Remarks: T	he sampled area	supports a predo	ominance of upland	l vegetatio	n and does	s not meet	t the hydrophy	ytic vegetation standard to be considered
wetland. The	erefore, no soil pit	was dug and hy	dric soils are not c	onsidered t	o be prese	ent.		
HYDROLO	GY							
Wetland Hy	ydrology Indicato	rs:					Se	econdary Indicators (2 or more require
1			check all that appl	v)				Water Marks (B1) (Riverine)
		ono roquirou,		,,				
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cr					Drift Deposits (B3) (Riverine)
Saturat	ion (A3)		Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)
Water N	Marks (B1) (Nonri	verine)	Hydrogei	Sulfide O	dor (C1)			Dry-Season Water Table (C2)
	ent Deposits (B2) (· ·		Rhizosphe		Livina Ro	ots (C3)	Thin Muck Surface (C7)
	eposits (B3) (Nonr i			of Reduce	_	_		Crayfish Burrows (C8)
		verille)			-	-		_ ` ` ` ` `
	Soil Cracks (B6)			on Reducti		a Solis (Ci	o) <u> </u>	Saturation Visible on Aerial Imagery (CS
	tion Visible on Aeri			k Surface (Shallow Aquitard (D3)
Water-9	Stained Leaves (B	9)	Other (E	oplain in Re	emarks)			FAC-Neutral Test (D5)
Field Obser	votiono:							
1								
Surface Wat			No X Depth (inc					
Water Table	Present?	Yes N	No Depth (inc	hes):		_		
Saturation P	resent?	Yes N	No Depth (inc	hes):		Wetla	and Hydrolog	gy Present? Yes X No
(includes ca	pillary fringe)		_ · `			_		
Describe Rec	corded Data (strea	m gauge, monit	oring well, aerial pl	otos, previ	ous inspe	ctions), if a	available: n/a	a
	,			·	•	,		
Remarks: Alf	though no surface	water was pres	ent at the time of the	ne delineati	on. evider	nce of surf	ace soil crack	ks indicate that the area ponds water and
			vel and saturation					
' ' ' ' ' ' ' '	. , 3					,	J.	

Project/Site: Southwest Village Specific Plan			City/Cour	nty: <u>San Dieg</u>	o, CA	Sam	pling Date:	April 4,	2018
Applicant/Owner: Pardee Homes					State: 0	CA_Sam	pling Point:	108	
Investigator(s): Beth Procsal, JR Sundberg			Section,	Township, R	ange: Section 31, 7	Γ18S R01W			
Landform (hillslope, terrace, etc.): mesa top			Local re	lief (concave,	convex, none): con	cave	Slop	oe (%): <u>(</u>	0-2
Subregion (LRR): LRR-C		Lat:	32.55949		_Long: <u>-117.01899</u>)	Datur	m: <u>NAD8</u>	33
Soil Map Unit Name: Huerhuero loam, 2 to 9	percent slo	opes			NWI class	ification: No	one		
Are climatic / hydrologic conditions on the site	typical for	this time of	year? Yes	X No	(If no, exp	lain in Rema	arks.)		
Are Vegetation X, Soil , or Hy	drology	signif	icantly disturb	oed? Yes	Are "Normal Circums	stances" pre	sent? Yes	X	No
Are Vegetation, Soil, or Hy	drology	natur	ally problema	tic? Yes (If needed, explain a	ny answers	in Remarks	s.)	
SUMMARY OF FINDINGS – Attach sit	e map sh	owing sa	mpling poi	nt locations	s, transects, impo	ortant feat	ures, etc	•	
Hydrophytic Vegetation Present? Ye	5	No X							
Hydric Soil Present? Ye	3	No X		he Sampled <i>i</i> hin a Wetland	Ye	s	No X		
Wetland Hydrology Present? Ye	X	No	_ """	inii a wonan					
Remarks: The majority of the vegetation on does not meet the wetland criteria. VEGETATION – Use scientific names			urbed due to	past land use	s. This feature was s	sampled dui	ring the gro	wing sea	ason and
	от ришие	Absolute	Dominant	Indicator	Dominance Test	worksheet	:		
Tree Stratum (Plot size:	_)	% Cover	Species?	Status	Number of Domin	ant Species			
1. none					That Are OBL, FA	CW, or FAC):	1	(A)
2.					Total Number of D Species Across A				
3.					Percent of Domina			2	(B)
4			= Total Cov		That Are OBL, FA	•		50	(A/B)
Sapling/Shrub Stratum (Plot size:	,		- Total Cov	ei					
1. none	′				Prevalence Index	workshee	t:		
2.					Total % Cove			oly by:	
3.					OBL species	0	x 1 =	0	_
4.					FACW species	6	x 2 =	12	_
5.					FAC species	0	x 3 =	0	_
			= Total Cov	er	FACU species	5	x 4 =	20	_
Herb Stratum (Plot size:	_)				UPL species	1	x 5 =	5	_
Psilocarphus brevissimus		5	Y	FACW	Column Totals:	11	(A)	37	_(B)
2. Hordeum murinum		4	Y	FACU	Prevalence	e Index = B/	A = <u>3.4</u>		_
3. Schismus barbatus		1	N	UPL_					
4. Salsola tragus		1	N	FACU	Hydrophytic Veg				
5. Plantago elongata	·	1	N	FACW		Test is >50			
6. 7.						Index is ≤3.			
8.					Morphologic	cai Adaptatio Remarks or o	`		
o		11	= Total Cov	ver	Problemation		-		·
Woody Vine Stratum (Plot size:)		Total Go	VOI	FIODIEITIALIC	, i iyalopiiyu	c vegetatic	лі (шхрі	alii)
1. none					¹ Indicators of hyd	dric soil and	wetland hv	droloav i	must
2.					be present, unles				
		0	= Total Cov	er	Hydrophytic			_	_
					Vegetation				
% Bare Ground in Herb Stratum89	_	er of Biotic		0	Present?	Yes	No		
Remarks: Sample area is a vernal pool that hydrophytic vegetation. It does support two v								ominately	y support

Profile Desc Depth	ription: (Describe to Matrix	the depth nee		ent the inc		confirm t	the absence of	indicators.)
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
(ITICITES)	Color (moist)		zoloi (moist)		туре .	LUC	Texture	
								_
							-	-
							_	
							-	
¹ Type: C=Co	ncentration, D=Depletion	RM=Reduced M	latrix CS=Covere	d or Coated	Sand Grains	s 2	l ocation: PI =Por	re Lining, RC=Root Channel, M=Matrix.
	Indicators: (Application					J.		for Problematic Hydric Soils ³ :
_		able to all Livin						•
Histoso				Redox (S5)				Muck (A9) (LRR C)
_	pipedon (A2)			Matrix (Se	,			Muck (A10) (LRR B)
	istic (A3)			Mucky Min	. ,			ed Vertic (F18)
	en Sulfide (A4)	• `		Gleyed Ma				arent Material (TF2)
	d Layers (A5) (LRR (خ)		d Matrix (F	,		Other (Explain in Remarks)
	uck (A9) (LRR D)	(* 4 4)		Dark Surfac	` '			
	d Below Dark Surfac	e (A11)		d Dark Sur			31 11 1	
	ark Surface (A12)			Depression	s (F8)			of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal F	Pools (F9)				hydrology must be present,
Sandy 0	Gleyed Matrix (S4)						unless	disturbed or problematic.
Restrictive	Layer (if present):							
Type:								
Depth (inc	hes):						Hydric Soil Pre	esent? Yes No X
							t the hydrophyt	ic vegetation standard to be considered a
welland. The	erefore, no soil pit wa	s dug and nydri	c soils are not c	onsidered i	to be prese	ent.		
HYDROLOG	rv.							
	/drology Indicators:						Soc	condary Indicators (2 or more required)
-			ank all that appl)				
	cators (minimum of o	one requirea; cn		,				Water Marks (B1) (Riverine)
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)
Saturati	on (A3)		Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)			Dry-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	Thin Muck Surface (C7)
	posits (B3) (Nonrive	•		of Reduce	_			Crayfish Burrows (C8)
	Soil Cracks (B6)			on Reduct	-			Saturation Visible on Aerial Imagery (C9)
						u Solis (C		
	ion Visible on Aerial I	magery (B7)		k Surface				Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	oplain in Re	emarks)			FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		es No	X Depth (inc	hes)·				
Water Table			Depth (inc			_		
Saturation P			Depth (inc			_ ı	and Hydrology	Present? Vos V No
(includes cap		es NO.	Deptil (inc	nes)		_ wella	and Hydrology	Present? Yes X No
,	orded Data (stream o	nauge monitorin	ng well aerial n	notos prev	ioue inena	ctions) if	available: n/a	
Describe Nec	orded Data (Stream (gauge, monitorii	ig well, aeriai pi	iolos, prev	ious irispe	cuoris), ii d	avaliable. 11/a	
Remarks: Alt	hough no surface wa	ter was procent	at the time of the	ne delinacti	ion eviden	nce of curf	face soil cracks	indicate that the area ponds water and
	and hydrology. Wate							mulcate that the area polius water and
Sapporto Well	ii, ai ology. vvale	iovoi ailu	- Saturation are I	.5. 14104411	a oon pi		g.	

Project/Site: Southwest Village Specific Plan		City/Cour	nty: <u>San Dieg</u>	o, CA	Sampling Date: April 4, 2	2018
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 109	
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R	k01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave	, convex, none): concave	Slope (%): 0-	2
Subregion (LRR): LRR-C	Lat:	32.55893		Long: -117.01896	Datum: NAD83	
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent				NWI classification	n: None	
Are climatic / hydrologic conditions on the site typical f	or this time o	f year? Yes	X No	o (If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology						lo
Are Vegetation Soil X, or Hydrology						
SUMMARY OF FINDINGS – Attach site map s	snowing sa	mpling poi	nt location	s, transects, important	teatures, etc.	
Hydrophytic Vegetation Present? Yes X	No		0	A		
Hydric Soil Present? Yes X	No		he Sampled nin a Wetlan	VAC X	. No	
Wetland Hydrology Present? Yes X	No	_ ****	iiii a vvotiaii	u.		
Remarks: The majority of the vegetation on the site I	nas been dist	urbed due to	past land use	es. This feature was sample	ed during the growing seas	on and
meets the wetland criteria.			,			
VEGETATION – Use scientific names of plan	ts.					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works		
Tree Stratum (Plot size:) 1. none	70 COVEL	Species?	Status	Number of Dominant Sports Are OBL, FACW, or		_(A)
				Total Number of Domina	<u></u>	(A)
				Species Across All Strata	••	(B)
				Percent of Dominant Spe		_(D)
4		= Total Cove		That Are OBL, FACW, or	r FAC: <u>67</u>	_(A/B)
Sapling/Shrub Stratum (Plot size:						
1. none				Prevalence Index work	sheet:	
2.				Total % Cover of:	Multiply by:	
3.				OBL species	x 1 =	
4.				FACW species	x 2 =	
5.				FAC species		
		= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
Plantago elongata	2	Y	FACW	Column Totals:	(A)((B)
2. Matricaria discoidea	1	N	FACU	Prevalence Index	c = B/A =	
3. Psilocarphus brevissimus	5	Y	FACW			
4. Mesembryanthemum nodiflorum	2	Y	FACU	Hydrophytic Vegetation	n Indicators:	
5. Plagiobothrys acanthocarpus	1	N	OBL	X Dominance Test is	s >50%	
6. Deinandra fasciculata	1	N	FACU_	Prevalence Index		
7.					aptations ¹ (Provide support	
8					ss or on a separate sheet)	
Manda Vina Otratana (Diataina	12	= Total Cov	/er	Problematic Hydro	phytic Vegetation¹ (Explai	n)
Woody Vine Stratum (Plot size:				1		
1. none				be present, unless distu	l and wetland hydrology murbed or problematic	ust
2				' '		
	0	= Total Cove	er	Hydrophytic Vegetation		
% Bare Ground in Herb Stratum 88 % C	over of Biotic	Crust	0	Present? Ye	s X No	
Remarks: Sample area is a vernal pool that receives	runoff from a	relatively sma	all local micro	 n-watershed In addition to the		•
predominately of hydrophytic vegetation, it does support						
acanthocarpus, and Plantago elongata). Last year's P					•	

Depth _	Matrix			Red		1100		_				
(inches)	Color (moist)	%	Color (moist)	%	_Type ¹	Loc ²	Textu	ire		Remarks	S
0-18 1	10YR 4/3	100						clay loan	า			
	_											
							2					
	entration, D=Depletion						² 1		=Pore Lining, I			
-	ndicators: (Applica	ible to all l	LRRs, unle			•			ors for Prob		•	oils³:
Histosol (A				_Sandy R	•	,			m Muck (A9)			
	pedon (A2)			_Stripped	,	,			m Muck (A1		3)	
Black Hist	Sulfide (A4)			Loamy IV Loamy G	-	neral (F1)			duced Vertic d Parent Ma		2)	
_ · ·	Layers (A5) (LRR C	•)		_ Loainy G Depleted	-				u Farentiwa ner (Explain i	,	,	
	k (A9) (LRR D)	•)		Redox D	,	,		<u></u>	ici (Expiaii)	iii i (Ciliali	(3)	
	Below Dark Surface	e (A11)		_		rface (F7)						
	k Surface (A12)	()		Redox D		` '		3Indicat	ors of hydro	phytic vec	etation a	ind
	ıcky Mineral (S1)			– Vernal P				wet	land hydrolo	gy must b	e presen	t,
Sandy Gle	eyed Matrix (S4)			_	, ,			unle	ess disturbed	d or proble	ematic.	
Restrictive La	yer (if present):											
. 1001010	iyor (ii proconty)											
Type:												
assumed here	es): efirst 1" of soil has ras problematic due ay lack hydric soil in	to strong i	indicators o	of hydrophy	ytic veget	tation and we	tland hy	drology. Th	soil indicator. nis feature is	a vernal p	r, hydric s bool that	is seasonally
Depth (inche Remarks: The assumed here ponded and m disturbance.	e first 1" of soil has r as problematic due ay lack hydric soil in	to strong i	indicators o	of hydrophy	ytic veget	tation and we	tland hy	et a hydric s drology. Th	soil indicator. nis feature is	However a vernal p	r, hydric s bool that	soils are is seasonally
Depth (inche Remarks: The assumed here ponded and m disturbance.	e first 1" of soil has r as problematic due ay lack hydric soil ii	e to strong i ndicators d	indicators o	of hydrophy	ytic veget	tation and we	tland hy	et a hydric s drology. Th	soil indicator. nis feature is rs, which ma	Howevel a vernal py include	r, hydric s pool that human-c	soils are is seasonally aused
Depth (inche Remarks: The assumed here ponded and m disturbance.	e first 1" of soil has r as problematic due ay lack hydric soil ii Y rology Indicators:	e to strong i	indicators of ue to limite	of hydrophy ed saturatio	ytic veget on depth,	tation and we	tland hy	et a hydric s drology. Th	soil indicator. iis feature is s, which ma	However a vernal p y include	r, hydric s bool that human-c	soils are is seasonally aused
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Depth (inche Remarks: The assumed here ponded and m disturbance. IYDROLOGY Wetland Hyd Primary Indica	e first 1" of soil has reas problematic due as problematic due ay lack hydric soil in a reason of the reason of th	e to strong i	indicators of ue to limite	of hydrophy d saturation I that apply Salt Crust	ytic veget on depth,	tation and we	tland hy	et a hydric s drology. Th	soil indicator. his feature is res, which ma Secondary Water M Sedimer	However a vernal p y include Indicator Iarks (B1)	r, hydric s cool that human-c	soils are is seasonally aused nore require ie) Riverine)
Depth (inche Remarks: The assumed here ponded and m disturbance. IYDROLOGY Wetland Hyd Primary Indica Surface V High Wate	e first 1" of soil has reas problematic due as problematic due ay lack hydric soil in a problematic first fi	e to strong i	indicators of ue to limite	of hydrophyd saturation I that apply Salt Crust Biotic Crus	ytic veget on depth, y) (B11) st (B12)	tation and we saline condi	tland hy	et a hydric s drology. Th	soil indicator. his feature is rs, which ma Secondary Water M Sedimer Drift Dep	However a vernal py include Indicator Iarks (B1) at Deposite the posite of the posite (B3)	r, hydric s pool that human-c	soils are is seasonally aused nore require ie) Riverine)
Depth (inche Remarks: The assumed here ponded and m disturbance. HYDROLOGY Wetland Hyd Primary Indica Surface V High Wate Saturation	e first 1" of soil has reas problematic due as problematic due ay lack hydric soil in a reason of the first soil of the	e to strong indicators d	indicators of ue to limite	of hydrophyd saturation I that apply Salt Crust Biotic Crust Aquatic In	ytic veget on depth, (y) (B11) st (B12) vertebrat	tation and we saline condi	tland hy	et a hydric s drology. Th	soil indicator. is feature is s, which ma Secondary Water M Sedimel Drift Dep Drainag	However a vernal py include Indicator larks (B1) nt Deposits (B3) e Patterns	r, hydric s pool that human-c	nore required (se) (se) (se) (se) (se) (se) (se) (se)
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Depth (inche Remarks: The assumed here ponded and m disturbance. HYDROLOG) Wetland Hyd Primary Indica Surface V High Wate Saturatior Water Ma Sediment	e first 1" of soil has reas problematic due ay lack hydric soil in a problematic due ay lack hydric soil in a problematic due ay lack hydric soil in a problematic first	e to strong indicators di indicators di ine required ine)	indicators of	of hydrophyd saturation I that apply Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized I	vic veget on depth, v) (B11) st (B12) vertebrat Sulfide (Rhizosph	tation and we saline condition and we saline condition to the saline condition	otland hy ions, or o	t a hydric s drology. Th other factor	Secondary Water M Sedimer Drift Dep Drainag Dry-Sea Thin Mu	However a vernal py include Indicator larks (B1) nt Depositionsits (B3) e Patternstancy	r, hydric spool that human-constant (2 or not respectively) (Rivering the second of th	nore required (a) (b) (c) (c) (d) (d) (d)
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Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA Sampling Date: April 4, 2018				
olicant/Owner: Pardee Homes State: CA Sampling Point: 110								
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	tange: Section 31, T18S R01W				
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave Slope (%): 0-2				
Subregion (LRR): LRR-C	Lat: 3	32.55895		Long: -117.01867 Datum: NAD83				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None				
Are climatic / hydrologic conditions on the site typical for		vear? Yes	X No	O (If no. explain in Remarks.)				
Are Vegetation X, Soil , or Hydrology _								
				(If needed, explain any answers in Remarks.)				
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poi	nt locations	s, transects, important features, etc.				
Hydrophytic Vegetation Present? Yes X	_No							
Hydric Soil Present? Yes X	No		he Sampled hin a Wetlan	YAS X NA				
Wetland Hydrology Present? Yes X	No	_ ₩1	illi a vvetiali	u:				
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	es. This feature was sampled during the growing season and				
meets the wetland criteria.		,						
VEGETATION – Use scientific names of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:				
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species				
1. none				That Are OBL, FACW, or FAC:1 (A)				
2				Total Number of Dominant				
3				Species Across All Strata:1 (B)				
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)				
		= Total Cove	er	That Are OBL, FACW, OF FAC.				
Sapling/Shrub Stratum (Plot size:)								
1. none				Prevalence Index worksheet:				
2				Total % Cover of: Multiply by: OBL species x 1 =				
3								
4. 5.				FACW species x 2 = FAC species x 3 =				
0		= Total Cove		FACU species x 4 =				
Herb Stratum (Plot size:		- Total Oov	OI.	UPL species x 5 =				
1. Psilocarphus brevissimus	1	N	FACW	Column Totals: (A) (B)				
2. Lythrum hyssopifolia	1	N	OBL					
3. Chrysanthemum coronarium	1	N	UPL	Prevalence Index = B/A =				
4. Plagiobothrys acanthocarpus	1	N	OBL	Hydrophytic Vegetation Indicators:				
5. Plantago elongata	1	N	FACW	_X Dominance Test is >50%				
6. Anagallis arvensis	30	Υ	FAC	Prevalence Index is ≤3.0¹				
7. Spergularia bocconi	5	N	FACW	Morphological Adaptations ¹ (Provide supporting				
8. Rumex crispus	3	N	FAC	data in Remarks or on a separate sheet)				
	43	= Total Cov	ver	Problematic Hydrophytic Vegetation ¹ (Explain)				
Woody Vine Stratum (Plot size:)								
1. none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.				
2				be present, unless disturbed or problematic.				
	0	= Total Cove	er	Hydrophytic				
% Bare Ground in Herb Stratum 57 % Co	ver of Biotic	Crust	0	Vegetation Present? Yes X No				
Remarks: Sample area is a vernal pool that receives ru		-						
predominately of hydrophytic vegetation, it does suppor acanthocarpus, and Plantago elongata). Leaf litter preso	t three verna	al pool plant i						

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix	•	Re	dox Featu	ires					
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	<u> </u>	Remarks	
0-6	7.5YR 4/2	100					sandy clay			
6-18	10YR 4/2	98	7.5YR 3/4			M	sandy clay			
0-10	10111 4/2		7.011\ 0/4			IVI	Salluy Clay			
					· -					
	ncentration, D=Depletion					s. ²			=Root Channel, M=	
Hydric Soil	Indicators: (Applica	able to all I	_RRs, unless other	wise note	d.)		Indicator	rs for Proble	matic Hydric So	oils³:
Histoso	` '			edox (S5)				Muck (A9) (L		
	pipedon (A2)			Matrix (S	,			Muck (A10) (
	istic (A3)			lucky Min				uced Vertic (F		
	en Sulfide (A4)	•\		Sleyed Ma				Parent Materi		
	d Layers (A5) (LRR (uck (A9) (LRR D)	•)	X Depleted	l Matrix (F ark Surfa	,		Othe	r (Explain in F	kemarks)	
	uck (A9) (LRR D) d Below Dark Surfac	e (Δ11)			rface (F7)					
	ark Surface (A12)	~ (/ \		epressior	` '		³ Indicator	s of hydronh	rtic vegetation ar	nd
	Mucky Mineral (S1)			ools (F9)	()				must be present	
	Gleyed Matrix (S4)			(- 5)				s disturbed or		•
	Layer (if present):									
Type:	Layer (ii pieseiii).									
Depth (inc	hes):						Hydric Soil F	Present?	Yes X	No
	edox concentrations of						r tydric ddir i	icaciii:	163 <u>X</u>	
HYDROLOG	GY									
	/drology Indicators:						Si	econdary Inc	licators (2 or m	ore required)
_	icators (minimum of c		d: check all that annly	Λ			<u> </u>		s (B1) (Riverin	
	Water (A1)	nie requirec	Salt Crust	,					. , .	•
	` ,		X Biotic Crus						Deposits (B2) (R i	•
	ater Table (A2) ion (A3)		Aguatic Ir	, ,	oo (D12)		-		its (B3) (Riverin atterns (B10)	e)
	Marks (B1) (Nonriver	ino)			,				, ,	22)
	ent Deposits (B2) (No	•	Hydrogen		eres along	Livina Bo	oto (C2)		n Water Table (0 Surface (C7)	,2)
	eposits (B3) (Nonrive	-			ed Iron (C4	_	OIS (C3)	Crayfish Bu	` ,	
	e Soil Cracks (B6)	11116)			tion in Tilled		6)	_	Visible on Aerial	Imageny (CQ)
	ion Visible on Aerial I	magery (R7				a Solis (Ct	_	Shallow Aq		inagery (C9)
	Stained Leaves (B9)	magery (D	Other (Ex					FAC-Neutr	. ,	
				FIG.11 11 1X	-manaj				1551 (50)	
Field Obser			N- V B # # *							
Surface Wat			No X Depth (inch			_				
Water Table			No X Depth (inch				المسلما المسلم	Dues 40	V V	NI-
Saturation P (includes cap		es	No X Depth (inch	ies):		_ wetla	and Hydrolog	gy Present?	Yes X	NO
	corded Data (stream o	gauge, mon	itoring well, aerial nh	otos. prev	ious inspec	ctions). if a	available: n/a	 a		
	(, 5,	J ., p	, μ. σ.		-,,				
	hough no surface wa	ter was pre	sent at the time of th	e delineat	ion, eviden	ce of bioti	ic crusts indic	ate that the a	rea ponds water	and supports
wetland hydro	ology.									

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Diego	o, CA Sampling Date: April 6, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 111
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:	32.55441		Long: -117.02396 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	slopes			NWI classification: None
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology	signif	icantly disturb	ed? Yes	Are "Normal Circumstances" present? Yes X No
				If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sl	nowing sa	mpling poi	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	_No			_
Hydric Soil Present? Yes X	No		he Sampled <i>i</i> hin a Wetland	Yes X NO
Wetland Hydrology Present? Yes X	No	_ """	iiii a vvotiaii	••
Remarks: The majority of the vegetation on the site had meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sampled during the growing season and
	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1. <u>none</u> 2.				That Are OBL, FACW, or FAC: 1 (A)
3.				Total Number of Dominant Species Across All Strata:
4.				Percent of Dominant Species(B)
T		= Total Cove		That Are OBL, FACW, or FAC:50(A/B)
Sapling/Shrub Stratum (Plot size:)		rotal Cove	0 1	
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species 1 x 1 = 1
4.				FACW species4 x 2 =8
5				FAC species 0 x 3 = 0
		= Total Cove	er	FACU species3 x 4 =12
Herb Stratum (Plot size:)				UPL species1 x 5 =5
1. Psilocarphus brevissimus	3	<u> </u>	FACW	Column Totals:9 (A)26 (B)
2. Plagiobothrys acanthocarpus	1	N	OBL	Prevalence Index = B/A = 2.9
3. Bromus madritensis	1	N	UPL_	
4. Erodium botrys	1	Y	FACU	Hydrophytic Vegetation Indicators:
5. Plantago elongata	1	N	FACU	Dominance Test is >50%
6. Bromus hordeaceus 7.		N	FACU_	x Prevalence Index is ≤3.0¹
8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
o	9	= Total Cov	/er	Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)		rotal oo	701	Froblematic Hydrophytic vegetation (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
	0	= Total Cove		Hydrophytic
				Vegetation
% Bare Ground in Herb Stratum 91 % Co	ver of Biotic	Crust	0	Present? Yes x No No
Remarks: Sample area is a vernal pool that receives rupredomince of hydrophytic vegetation, it does support t acanthocarpus). Last year's leaf litter is present.				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		RE	dox Featu	res		_			
(IIIOIICO)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu	re	Rema	rks
0-4	10YR 4/2	97	7.5YR 4/4	3	С	M/RC	clay			
4-18	10YR 3/2	100					clay			
										_
1										
	ncentration, D=Depletion					S. ²			RC=Root Channel	
=	Indicators: (Applica	ible to all			d.)				blematic Hydric	: Soils*:
Histosol	` '			Redox (S5)	• •			m Muck (A9		
	pipedon (A2) istic (A3)			Matrix (Se	,			m Muck (A1		
	en Sulfide (A4)			Mucky Mine Gleyed Mat				duced Vertion d Parent Ma		
	d Layers (A5) (LRR C	:)	X Deplete	-					in Remarks)	
	uck (A9) (LRR D)	·)		Dark Surfac	,		0"	ioi (Explairi	iii rteirianto)	
	d Below Dark Surface	e (A11)		d Dark Sur	` '					
	ark Surface (A12)	,	Redox D	Depression	s (F8)		³ Indicat	ors of hydro	phytic vegetation	n and
Sandy M	/lucky Mineral (S1)		Vernal F	Pools (F9)			wet	and hydrolo	gy must be pres	ent,
Sandy G	Gleyed Matrix (S4)						unle	ess disturbe	d or problematic	
Restrictive L	Layer (if present):									
Type:	, , ,									
Depth (incl	hes):						Hydric Soi	I Present?	Yes X	No
	epleted matrix observ						1			
HYDROL OG	3Y									
HYDROLOG								Secondary	Indicators (2 o	r more required)
Wetland Hy	drology Indicators:	ne require	nd: check all that anni	w)						r more required)
Wetland Hy Primary Indi	rdrology Indicators: cators (minimum of o	ne require		• /				Water N	/larks (B1) (Rive	rine)
Wetland Hy Primary Indi	rdrology Indicators: cators (minimum of o Water (A1)	ne require	Salt Crus	t (B11)				Water N Sedime	Marks (B1) (Rive nt Deposits (B2)	rine) (Riverine)
Wetland Hy Primary India Surface High Wa	rdrology Indicators: cators (minimum of o Water (A1) ater Table (A2)	ne require	Salt Crus Biotic Cru	t (B11) ust (B12)	ne (R13)			Water N Sedime Drift De	Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive	rine) (Riverine) erine)
Wetland Hy Primary India Surface High Wa	rdrology Indicators: cators (minimum of o Water (A1) ater Table (A2) on (A3)	•	Salt Crus Biotic Cru Aquatic I	t (B11) ust (B12) nvertebrate	,			Water N Sedime Drift De Drainag	Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive le Patterns (B10)	rine) (Riverine) erine))
Wetland Hy Primary India Surface High Wa Saturatia Water M	rdrology Indicators: cators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver	ne)	Salt Crus Biotic Cru Aquatic II Hydroger	t (B11) ust (B12) nvertebrate n Sulfide O	dor (C1)	Living Po	·	Water M Sedime Drift De Drainag Dry-Sea	Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive le Patterns (B10 ason Water Tabl	rine) (Riverine) erine)) e (C2)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimen	rdrology Indicators: cators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriveri nt Deposits (B2) (Nor	ne) nriverine)	Salt Crus Biotic Cru Aquatic Iu Hydroger Oxidized	t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe	dor (C1) res along	_	·	Water M Sedime Drift De Drainag Dry-Sea Thin Mu	Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive le Patterns (B10) ason Water Tablack Surface (C7)	rine) (Riverine) erine)) e (C2)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimen Drift De	rdrology Indicators: cators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (Non posits (B3) (Nonriver	ne) nriverine)	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence	t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe	dor (C1) res along ed Iron (C	4)	ots (C3)	Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish	Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive te Patterns (B10) ason Water Tablack Surface (C7) in Burrows (C8)	rine) (Riverine) erine)) e (C2)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimen Drift Dep X Surface	rdrology Indicators: cators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (Non posits (B3) (Nonriver Soil Cracks (B6)	ne) nriverine) rine)	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir	t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduce on Reducti	dor (C1) res along ed Iron (Co on in Tille	4)	ots (C3)	Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati	Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive le Patterns (B10) ason Water Tabla lick Surface (C7) in Burrows (C8) on Visible on Ae	rine) (Riverine) erine)) e (C2)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimed Drift Dep X Surface Inundati	rdrology Indicators: cators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver int Deposits (B2) (Non posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial I	ne) nriverine) rine)	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc	t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduce on Reducti k Surface (dor (C1) res along ed Iron (Ca on in Tille (C7)	4)	ots (C3)	Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow	Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive le Patterns (B10) ason Water Table lick Surface (C7) in Burrows (C8) on Visible on Ae	rine) (Riverine) erine)) e (C2)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimed Drift Dep X Surface Inundati	rdrology Indicators: cators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (Non posits (B3) (Nonriver Soil Cracks (B6)	ne) nriverine) rine)	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc	t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduce on Reducti	dor (C1) res along ed Iron (Ca on in Tille (C7)	4)	ots (C3)	Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow	Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive le Patterns (B10) ason Water Tabla lick Surface (C7) in Burrows (C8) on Visible on Ae	rine) (Riverine) erine)) e (C2)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimen Drift Del X Surface Inundatia Water-S	rdrology Indicators: cators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver int Deposits (B2) (Non posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) vations:	ne) nriverine) rine) magery (B	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduce on Reducti k Surface (xplain in Re	dor (C1) res along ed Iron (Ca on in Tille (C7)	4)	ots (C3)	Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow	Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive le Patterns (B10) ason Water Table lick Surface (C7) in Burrows (C8) on Visible on Ae	rine) (Riverine) erine)) e (C2)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimen Drift Dep X Surface Inundatia Water-S Field Observ Surface Water	rdrology Indicators: cators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver int Deposits (B2) (Non posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) vations: er Present?	ne) nriverine) rine) magery (B	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir 7) Thin Muc Other (Ex	t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduce on Reducti k Surface (xplain in Re	dor (C1) res along ed Iron (Ci on in Tille (C7) emarks)	4) d Soils (Co	ots (C3)	Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow	Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive le Patterns (B10) ason Water Table lick Surface (C7) in Burrows (C8) on Visible on Ae	rine) (Riverine) erine)) e (C2)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimen Drift Dep X Surface Inundatia Water-S Field Observ Surface Water	rdrology Indicators: cators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver int Deposits (B2) (Non posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) vations: er Present? Ye	ne) nriverine) rine) magery (B	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir 7) Thin Muc Other (Ex	t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduce on Reducti k Surface (xplain in Re hes): hes):	dor (C1) res along ed Iron (Ci on in Tille (C7) emarks)	4) d Soils (Co	ots (C3)	Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow FAC-Ne	Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive le Patterns (B10) ason Water Table lick Surface (C7) in Burrows (C8) on Visible on Ae or Aquitard (D3) eutral Test (D5)	rine) (Riverine) erine)) e (C2)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimen Drift Dep X Surface Inundatia Water-S Field Observ Surface Water Vater Table Saturation Pr	rdrology Indicators: cators (minimum of of of water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverint Deposits (B2) (Nonrivering Soil Cracks (B6) ion Visible on Aerial Instance Leaves (B9) vations: er Present? Present? Yeresent?	ne) nriverine) rine) magery (B	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir 7) Thin Muc Other (Ex	t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduce on Reducti k Surface (xplain in Re hes): hes):	dor (C1) res along ed Iron (Ci on in Tille (C7) emarks)	4) d Soils (Co	ots (C3)	Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow	Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive le Patterns (B10) ason Water Table lick Surface (C7) in Burrows (C8) on Visible on Ae or Aquitard (D3) eutral Test (D5)	rine) (Riverine) erine)) e (C2) erial Imagery (C9)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimen Drift Dep X Surface Inundatia Water-S Field Observ Surface Water Table Saturation Pr (includes cap	rdrology Indicators: cators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver int Deposits (B2) (Non posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) vations: er Present? Present? Yeresent? Yeresent? Yeresent?	ne) nriverine) rine) magery (B eseseseses	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir 7) Thin Muc Other (Ex No X Depth (inci No Depth (inci	t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reducti k Surface (xplain in Re hes): hes):	dor (C1) res along ed Iron (C- on in Tille (C7) emarks)	4) d Soils (Co	ots (C3) 6)	Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow FAC-Ne	Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive le Patterns (B10) ason Water Table lick Surface (C7) in Burrows (C8) on Visible on Ae or Aquitard (D3) eutral Test (D5)	rine) (Riverine) erine)) e (C2) erial Imagery (C9)
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Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimen Drift Dep X Surface Inundatia Water-S Field Observ Surface Water Table Saturation Pr (includes cap	rdrology Indicators: cators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver int Deposits (B2) (Non posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) vations: er Present? Present? Yeresent? Yeresent? Yeresent?	ne) nriverine) rine) magery (B eseseseses	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir 7) Thin Muc Other (Ex No X Depth (inci No Depth (inci	t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reducti k Surface (xplain in Re hes): hes):	dor (C1) res along ed Iron (C- on in Tille (C7) emarks)	4) d Soils (Co	ots (C3) 6)	Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow FAC-Ne	Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive le Patterns (B10) ason Water Table lick Surface (C7) in Burrows (C8) on Visible on Ae or Aquitard (D3) eutral Test (D5)	rine) (Riverine) erine)) e (C2) erial Imagery (C9)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimen Drift Dep X Surface Inundatia Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap Describe Reco	rdrology Indicators: cators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver int Deposits (B2) (Non posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) vations: er Present? Present? Yeresent? Yeresent? Yeresent?	ne) nriverine) rine) magery (B es es auge, mor	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex No X Depth (inci No Depth (inci nitoring well, aerial ph	t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reducti on Reducti k Surface (xplain in Re hes): hes): hes):	dor (C1) res along ed Iron (C- on in Tille (C7) emarks)	4) d Soils (Co	ots (C3) 6) and Hydroleavailable: r	Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow FAC-Ne	Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive le Patterns (B10) ason Water Table lock Surface (C7) in Burrows (C8) on Visible on Ae Aquitard (D3) eutral Test (D5)	rine) (Riverine) erine)) e (C2) erial Imagery (C9)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimen Drift Dep X Surface Inundatia Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap Describe Reco	rdrology Indicators: cators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriveri nt Deposits (B2) (Non posits (B3) (Nonriveri Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) vations: er Present? Present? Ye present?	ne) nriverine) rine) magery (B es es auge, mor	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex No X Depth (inci No Depth (inci nitoring well, aerial ph	t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reducti on Reducti k Surface (xplain in Re hes): hes): hes):	dor (C1) res along ed Iron (C- on in Tille (C7) emarks)	4) d Soils (Co	ots (C3) 6) and Hydroleavailable: r	Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow FAC-Ne	Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive le Patterns (B10) ason Water Table lock Surface (C7) in Burrows (C8) on Visible on Ae Aquitard (D3) eutral Test (D5)	rine) (Riverine) erine)) e (C2) erial Imagery (C9)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimel Drift Del X Surface Inundati Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap Describe Reco	rdrology Indicators: cators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriveri nt Deposits (B2) (Non posits (B3) (Nonriveri Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) vations: er Present? Present? Ye present?	ne) nriverine) rine) magery (B es es auge, mor	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex No X Depth (inci No Depth (inci nitoring well, aerial ph	t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reducti on Reducti k Surface (xplain in Re hes): hes): hes):	dor (C1) res along ed Iron (C- on in Tille (C7) emarks)	4) d Soils (Co	ots (C3) 6) and Hydroleavailable: r	Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow FAC-Ne	Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive le Patterns (B10) ason Water Table lock Surface (C7) in Burrows (C8) on Visible on Ae Aquitard (D3) eutral Test (D5)	rine) (Riverine) erine)) e (C2) erial Imagery (C9)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimel Drift Del X Surface Inundati Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap Describe Reco	rdrology Indicators: cators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriveri nt Deposits (B2) (Non posits (B3) (Nonriveri Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) vations: er Present? Present? Ye present?	ne) nriverine) rine) magery (B es es auge, mor	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex No X Depth (inci No Depth (inci nitoring well, aerial ph	t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reducti on Reducti k Surface (xplain in Re hes): hes): hes):	dor (C1) res along ed Iron (C- on in Tille (C7) emarks)	4) d Soils (Co	ots (C3) 6) and Hydroleavailable: r	Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow FAC-Ne	Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive le Patterns (B10) ason Water Table lock Surface (C7) in Burrows (C8) on Visible on Ae Aquitard (D3) eutral Test (D5)	rine) (Riverine) erine)) e (C2) erial Imagery (C9)

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA	Sampling Date: April 6, 2018			
State: CA Sampling Point: 112								
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	tange: Section 31, T18S R	01W			
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slope (%): 0-2			
Subregion (LRR): LRR-C	Lat:	 32.55444	•	Long: -117.02391	Datum: NAD83			
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classificatio	n: None			
Are climatic / hydrologic conditions on the site typical fo		vear? Yes	X No					
Are Vegetation X, Soil , or Hydrology				· 				
Are Vegetation , Soil X, or Hydrology					· · · · · · · · · · · · · · · · · · ·			
SUMMARY OF FINDINGS – Attach site map si	nowing sa	mpling poi	nt locations	s, transects, important	features, etc.			
Hydrophytic Vegetation Present? Yes X	_No							
Hydric Soil Present? Yes X	No		he Sampled	VAC X	(No			
Wetland Hydrology Present? Yes X	No	— witi	hin a Wetlan	a? —				
Remarks: The majority of the vegetation on the site h	as been dist	urbed due to	nast land use	s This feature was sample	ed during the growing season and			
meets the wetland criteria.	ao boon dist	urbed dde to	past laria asc	o. This locators was sumple	a during the growing socion and			
VEGETATION – Use scientific names of plant								
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works				
1. none	70 OOVCI	Орсоюз:		Number of Dominant Sp That Are OBL, FACW, o				
2.				Total Number of Domina	,			
3.				Species Across All Strata				
4.				Percent of Dominant Spe	ecies			
		= Total Cove	er	That Are OBL, FACW, o	r FAC: 100 (A/B)			
Sapling/Shrub Stratum (Plot size:)								
1. none				Prevalence Index work	sheet:			
2.				Total % Cover of:	Multiply by:			
3				OBL species	x 1 =			
4				FACW species	x 2 =			
5				FAC species				
		= Total Cove	er	FACU species				
Herb Stratum (Plot size:)				UPL species	x 5 =			
Psilocarphus brevissimus	10	Y	FACW	Column Totals:	(A)(B)			
2. Plagiobothrys acanthocarpus	1	N	OBL	Prevalence Index	c = B/A =			
3. Bromus madritensis	1	N	UPL					
4. Lepidium nitidum	1	N	FAC	Hydrophytic Vegetation				
5. Hordeum murinum	1	N	FACU	X Dominance Test is				
6. Lepidium latipes	1	N	FACW	Prevalence Index				
7. Mesembryanthemum nodiflorum	1	N	FACU		aptations¹ (Provide supporting s or on a separate sheet)			
8. Plantago elongata	1	N Tabal Oas	FACW		,			
Woody Vine Stratum (Plot size:)	17	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)			
				1 Indicators of budris soil	l and watland budralagu must			
1. none				be present, unless distu	l and wetland hydrology must urbed or problematic.			
2		- Total Caus			 -			
	0	= Total Cove	er	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum 83 % Co	ver of Biotic	Crust	0	Present? Ye	s X No			
Remarks: Sample area is a vernal pool that receives re	unoff from a	relatively sma	all local micro	watershed. In addition to t	he vernal pool consisting			
predominately of hydrophytic vegetation, it does suppo								
acanthocarpus, and Plantago elongata).								

Profile Desc	ription: (Describe to Matrix	the depth nee		ent the inc		confirm t	he absence of i	indicators.)
(inches)	Color (moist)	——————————————————————————————————————	color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
			oloi (moist)		Туре	LOC		
0-18	10YR 4/2						sandy clay	no redox
								- <u> </u>
							-	
							-	
							-	
1								
	ncentration, D=Depletion Indicators: (Application							Lining, RC=Root Channel, M=Matrix. for Problematic Hydric Soils³:
Histosol				Redox (S5)				uck (A9) (LRR C)
	oipedon (A2)			l Matrix (S6				uck (A10) (LRR B)
	istic (A3)			Mucky Min	,			d Vertic (F18)
	en Sulfide (A4)			Gleyed Ma	` '			rent Material (TF2)
	d Layers (A5) (LRR C	:)		d Matrix (F				Explain in Remarks)
	uck (A9) (LRR D)	7)		Dark Surfac	,		Culci (L	er paritir in Contaction
	d Below Dark Surface	e (A11)		d Dark Sur	` '			
	ark Surface (A12)	()		Depression			³ Indicators o	of hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)	(- /			hydrology must be present,
	Gleyed Matrix (S4)			(- /				isturbed or problematic.
Restrictive I	_ayer (if present):							
Type:	7 (P 7							
Depth (incl	hes).						Hydric Soil Pre	sent? Yes X No
, ,	· -							
wetland hydr		a vernal pool th	at is seasonally	ponded a				ndicators of hydrophytic vegetation and e to limited saturation depth, saline
HYDROLOG	SY							
Wetland Hy	drology Indicators:						Seco	ondary Indicators (2 or more required)
_	cators (minimum of o		eck all that appl	v)				Water Marks (B1) (Riverine)
	Water (A1)	· · · · ·	Salt Crus	• /				Sediment Deposits (B2) (Riverine)
	ater Table (A2)		Biotic Cru	, ,				Orift Deposits (B3) (Riverine)
Saturati	` '			nvertebrate	oc (R13)			Orainage Patterns (B10)
		(ma)			, ,			
	Marks (B1) (Nonriveri	-		n Sulfide O		is discording		Ory-Season Water Table (C2)
	nt Deposits (B2) (No				eres along L	-	· /	Thin Muck Surface (C7)
	posits (B3) (Nonrive	ine)			ed Iron (C4			Crayfish Burrows (C8)
	Soil Cracks (B6)				ion in Tilled	Soils (C	· —	Saturation Visible on Aerial Imagery (C9)
	ion Visible on Aerial I	magery (B7)		k Surface	. ,			Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	oplain in Re	emarks)		F	FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Water	er Present? Y	es No_	X Depth (inc	hes):		_		
Water Table	Present? Y	es No _	Depth (inc	hes):		_		
Saturation P		es No	Depth (inc	hes):		Wetla	and Hydrology I	Present? Yes X No
(includes cap			ا الشجم المبيية	otos ===	laua lasas	tions\ 'C	ovoiloklas /-	
Describe Rec	orded Data (stream g	auge, monitorin	g well, aerial pr	iotos, prev	ious inspec	tions), if	available: n/a	
Remarks: Alt	hough no surface wa	ter was present	at the time of th	ne delineati	ion. eviden	ce of surf	ace soil cracks i	ndicate that the area ponds water and
	and hydrology.				,	2411		
	. 0,							

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: April 6, 2018				
licant/Owner: Pardee Homes State: CA Sampling Point: 113								
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W				
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2				
Subregion (LRR): LRR-C	Lat: 3	32.55437		Long: -117.02323 Datum: NAD83				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None				
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)				
Are Vegetation X, Soil , or Hydrology								
				(If needed, explain any answers in Remarks.)				
SUMMARY OF FINDINGS – Attach site map sh								
SUMMART OF FINDINGS - Attach site map si	lowing sa		it iocations	s, transects, important leatures, etc.				
Hydrophytic Vegetation Present? Yes X	No	_ le ti	ne Sampled	Λroa				
Hydric Soil Present? Yes X	_No		nin a Wetlan	YAS X NO				
Wetland Hydrology Present? Yes X	No	_						
Remarks: The majority of the vegetation on the site hameets the wetland criteria.	is been disti	urbed due to	past land use	es. This feature was sampled during the growing season and				
VEGETATION – Use scientific names of plants	5.							
	Absolute	Dominant	Indicator	Dominance Test worksheet:				
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species				
				That Are OBL, FACW, or FAC: 1 (A)				
				Total Number of Dominant Species Across All Strata: 1 (B)				
				Percent of Dominant Species				
4		= Total Cove	er	That Are OBL, FACW, or FAC: 100 (A/B)				
Sapling/Shrub Stratum (Plot size:)		. 510 5511						
1. none				Prevalence Index worksheet:				
2.				Total % Cover of: Multiply by:				
3.				OBL species x 1 =				
4.				FACW species x 2 =				
5				FAC species x 3 =				
		= Total Cove	er	FACU species x 4 =				
Herb Stratum (Plot size:)				UPL species x 5 =				
1. Psilocarphus brevissimus	1	N	FACW	Column Totals: (A)(B)				
2. Plantago elongata	1	N	FACW	Prevalence Index = B/A =				
3. Erodium botrys	1	N	FACU					
4. Hordeum murinum	1	N	FACU	Hydrophytic Vegetation Indicators:				
5. Lolium perenne	10	Y	FAC	X Dominance Test is >50%				
Lepidium nitidum Plagiobothrys acanthocarpus	$\frac{1}{1}$	N	— FAC OBL	Prevalence Index is ≤3.0¹				
8.	i		— OBL	Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)				
0	16	= Total Cov		Problematic Hydrophytic Vegetation¹ (Explain)				
Woody Vine Stratum (Plot size:		rotal Got		Troblematic Hydrophytic vegetation (Explain)				
1. none				¹ Indicators of hydric soil and wetland hydrology must				
2.				be present, unless disturbed or problematic.				
	0	= Total Cove	er	Hydrophytic				
				Vegetation				
	ver of Biotic	-	0	Present? Yes X No No No				
Remarks: Sample area is a vernal pool that receives ru predominately of hydrophytic vegetation, it does suppor acanthocarpus, and Plantago elongata).								

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featur	res		_	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-4	10YR 4/2	97	7.5YR 4/4	3	С	M/RC	clay	
4-18	10YR 4/3	100					sandy clay	no redox here
	-						-	
	. —							
			ced Matrix, CS=Covered			ıs. ²		re Lining, RC=Root Channel, M=Matrix.
-		cable to all	LRRs, unless other		1.)			for Problematic Hydric Soils ³ :
Histoso	Epipedon (A2)			Redox (S5) I Matrix (S6	;)			Лиск (A9) (LRR C) Лиск (A10) (LRR B)
	listic (A3)			Mucky Mine	,			ed Vertic (F18)
	en Sulfide (A4)			Sleyed Mat				arent Material (TF2)
Stratifie	ed Layers (A5) (LRR	(C)	Depleted	d Matrix (F	3)			(Explain in Remarks)
	uck (A9) (LRR D)			ark Surfac	, ,			
	ed Below Dark Surfa	ice (A11)		d Dark Surf			2	
	Park Surface (A12)			epressions	s (F8)			of hydrophytic vegetation and
	Mucky Mineral (S1) Gleyed Matrix (S4)		vernai F	Pools (F9)				d hydrology must be present, disturbed or problematic.
							4111000	dictarged of problemate.
Type:	Layer (if present):							
Depth (inc	shes):						Hydric Soil Pr	resent? Yes X No
	lepleted matrix obse						Tiyane con Ti	CSCIR: TCS X NO
HYDROLO								
	ydrology Indicator						Sec	condary Indicators (2 or more required)
	•	f one require	d; check all that appl					.Water Marks (B1) (Riverine)
	e Water (A1)		Salt Crus	, ,				Sediment Deposits (B2) (Riverine)
	/ater Table (A2)		Biotic Cru	` ,	(D40)			Drift Deposits (B3) (Riverine)
	tion (A3)			nvertebrate n Sulfide O	` ,			Drainage Patterns (B10)
	Marks (B1) (Nonriv e ent Deposits (B2) (N	,	<u> </u>		, ,	Living Do	-to (C3)	Dry-Season Water Table (C2) Thin Muck Surface (C7)
_	ent Deposits (B2) (Nonriv eposits (B3) (Nonriv	-		Rhizosphe of Reduce	_	-	JIS (C3)	Crayfish Burrows (C8)
	e Soil Cracks (B6)	cilio)		on Reducti	`	,	3)	Saturation Visible on Aerial Imagery (C9)
	tion Visible on Aeria	I Imagery (B		k Surface (u 00.10 (01		Shallow Aquitard (D3)
	Stained Leaves (B9	• • • • • • • • • • • • • • • • • • • •	<i></i>	plain in Re	'			FAC-Neutral Test (D5)
Field Obser	nyatione:		<u> </u>					• • • • •
	ter Present?	Yes	No X Depth (inc	nes).				
Water Table		Yes				_		
Saturation F		Yes				Wetla	nd Hydrology	Present? Yes X No
,	pillary fringe)					\	21.1.1	
Describe Red	corded Data (stream	n gauge, mor	nitoring well, aerial ph	iotos, previ	ous inspe	ections), if a	available: n/a	
	•	vater was pre	esent at the time of th	e delineati	on, evide	nce of surf	ace soil cracks	indicate that the area ponds water and
supports wet	land hydrology.							

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA Sampling Date: July 9, 2018				
Applicant/Owner: Pardee Homes State: CA Sampling Point: 114								
Investigator(s): Beth Procsal, Mark Dodero		Section,	Township, R	Range: Section 31, T18S R01W				
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave Slope (%): 0-2				
Subregion (LRR): LRR-C	Lat: 3	32.55525		Long: -117.02469 Datum: NAD83				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None				
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	(If no, explain in Remarks.)				
Are Vegetation X, Soil , or Hydrology								
				(If needed, explain any answers in Remarks.)				
SUMMARY OF FINDINGS – Attach site map sl								
			in location.	s, transects, important reatures, etc.				
Hydrophytic Vegetation Present? Yes X	_No	_ ∣ ls ti	he Sampled	Area				
Hydric Soil Present? Yes X	_	I	nin a Wetlan	YAS X NO				
Wetland Hydrology Present? Yes X	_No	_						
Remarks: The majority of the vegetation on the site had meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and				
VEGETATION – Ose scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:				
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species				
1. <u>none</u>				That Are OBL, FACW, or FAC:1(A)				
2. 3.				Total Number of Dominant Species Across All Strata: 1 (B)				
				Percent of Dominant Species				
4		= Total Cove	 er	That Are OBL, FACW, or FAC: 100% (A/B)				
Sapling/Shrub Stratum (Plot size:)								
1. none				Prevalence Index worksheet:				
2.				Total % Cover of: Multiply by:				
3.				OBL species x 1 =				
4.				FACW species x 2 =				
5				FAC species x 3 =				
		= Total Cove	er	FACU species x 4 =				
Herb Stratum (Plot size:)				UPL species x 5 =				
Psilocarphus brevissimus	1	N	FACW	Column Totals: (A)(B)				
2. Rumex crispus	5	Y	FAC	Prevalence Index = B/A =				
3				Hydrophytic Vocatation Indicators				
4. 5.				Hydrophytic Vegetation Indicators:				
6				X Dominance Test is >50% Prevalence Index is ≤3.0¹				
7				Morphological Adaptations ¹ (Provide supporting				
8.				data in Remarks or on a separate sheet)				
	4	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)				
Woody Vine Stratum (Plot size:				(Explain)				
1. <u>none</u>				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.				
2								
	0	= Total Cove	er	Hydrophytic Vegetation				
	ver of Biotic	-	0	Present? Yes X No				
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does support								

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			dox Featu	res		_	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-6	10YR 3/2	95	5YR 4/4	5	C	М	sandy clay	_
6-18	10YR 4/3	99	5YR 4/4	1	С	М	sandy clay	other soil inclusions
-	-							
¹ Type: C=C	oncentration, D=Depletion	n, RM=Reduce	ed Matrix, CS=Covered	or Coated	Sand Grains	3. ²	Location: PL=Pore	E Lining, RC=Root Channel, M=Matrix.
Hydric So	il Indicators: (Applic	able to all L	RRs, unless otherv	vise note	d.)			or Problematic Hydric Soils ³ :
Histos	ol (A1)		Sandy R	edox (S5)			1 cm M	uck (A9) (LRR C)
Histic I	Epipedon (A2)			Matrix (Se	,			uck (A10) (LRR B)
	Histic (A3)			lucky Min				d Vertic (F18)
	gen Sulfide (A4)	_`		Sleyed Ma	, ,			rent Material (TF2)
	ed Layers (A5) (LRR	C)		Matrix (F	•		Other (E	Explain in Remarks)
	/luck (A9) (LRR D) ed Below Dark Surfac	· (Δ11)	X Redox D	ark Suriad I Dark Sur	. ,			
	ed Below Bark Surfac Dark Surface (A12)	æ (ATT)		epression	` '		³ Indicators o	of hydrophytic vegetation and
	Mucky Mineral (S1)			ools (F9)	3 (1 0)			hydrology must be present,
	Gleyed Matrix (S4)			00.0 (. 0)				isturbed or problematic.
	Layer (if present):							i
Type:	Layer (ii present).							
Depth (in	ches):						Hydric Soil Pre	sent? Yes X No
	redox dark surface inc		-				.,	
HYDROLO								
	lydrology Indicators							ondary Indicators (2 or more required)
	dicators (minimum of	one required						Water Marks (B1) (Riverine)
	ce Water (A1)		Salt Crust					Sediment Deposits (B2) (Riverine)
	Vater Table (A2)		X Biotic Cru	, ,	(0.40)			Orift Deposits (B3) (Riverine)
	ation (A3)		Aquatic In		,			Orainage Patterns (B10)
	Marks (B1) (Nonrive		Hydrogen		eres along	Livina Do		Ory-Season Water Table (C2)
	ent Deposits (B2) (No eposits (B3) (Nonrive	-			eres along ed Iron (C4	-	· · · —	Thin Muck Surface (C7) Crayfish Burrows (C8)
	e Soil Cracks (B6)	erine)			ion in Tille			Saturation Visible on Aerial Imagery (C9)
	ation Visible on Aerial	Imagery (R7)				a Solis (C		Shallow Aquitard (D3)
	-Stained Leaves (B9)	inagery (D7)	Other (Ex					FAC-Neutral Test (D5)
				<u> </u>	,			
Field Obse		/oc	No X Depth (inch	,oc).				
Water Tabl			No X Depth (incl			_		
Saturation			No X Depth (inch			— Wetla	and Hydrology	Present? Yes X No
l .	apillary fringe)		NO X Bepair (inci			_	and riyarology	103 <u>X</u> NO
Describe Re	corded Data (stream	gauge, monit	oring well, aerial ph	otos, prev	ious inspe	ctions), if	available: n/a	
D A	M			1 - 1' 4'				and his fire and the fire fire the state of
	although no surface was and supports wetland	•	ent at the time of th	e delineati	ion, eviden	ce of surf	ace soil cracks a	and biotic crusts indicate that the area
Porido Water	and oupports welland	a riyarology.						
LIC Arms / Co	orns of Engineers							Arid West - Version 2.0

US Army Corps of Engineers

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 4, 2018				
Applicant/Owner: Pardee Homes State: CA Sampling Point: 115								
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W				
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave Slope (%): 0-2				
Subregion (LRR): LRR-C	Lat: 3	32.55835		Long: -117.01874 Datum: NAD83				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None				
Are climatic / hydrologic conditions on the site typical fo	r this time of	f year? Yes	X No	o (If no, explain in Remarks.)				
Are Vegetation X, Soil , or Hydrology								
				(If needed, explain any answers in Remarks.)				
SUMMARY OF FINDINGS – Attach site map sl								
	-		in location.	s, transcots, important routures, etc.				
	_NoX	─ Is th	he Sampled	Area				
Hydric Soil Present? Yes	No X	— with	nin a Wetlan	d? Yes No x				
Wetland Hydrology Present? Yes X	_No	_						
does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and				
	Absolute	Dominant	Indicator	Dominance Test worksheet:				
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species				
1. none				That Are OBL, FACW, or FAC:1(A)				
2. 3.				Total Number of Dominant Species Across All Strata:				
				Percent of Dominant Species (B)				
T		= Total Cove	er	That Are OBL, FACW, or FAC: 17 (A/B)				
Sapling/Shrub Stratum (Plot size:		. 510 5511						
1. none				Prevalence Index worksheet:				
2.				Total % Cover of: Multiply by:				
3.				OBL species x 1 =				
4.				FACW species 2 x 2 = 4				
5				FAC species 0 x 3 = 0				
		= Total Cove	er	FACU species 4 x 4 = 16				
Herb Stratum (Plot size:)				UPL species 1 x 5 = 5				
1. Psilocarphus brevissimus		Y	FACW	Column Totals: 7 (A) 25 (B)				
2. Salsola tragus		Y	FACU	Prevalence Index = B/A = 3.6				
3. Deinandra fasciculata	1	Y	FACU	Hadron de de Verretetten India tenne				
4. Bromus hordeaceus	1	Y	FACU_ UPL	Hydrophytic Vegetation Indicators:				
Bromus madritensis Matricaria discoidea		<u> </u>	FACU	Dominance Test is >50%				
7.				Prevalence Index is ≤3.0¹ Morphological Adaptations¹ (Provide supporting				
8.				data in Remarks or on a separate sheet)				
<u> </u>	7	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)				
Woody Vine Stratum (Plot size:		rotal Got		Troblematic rrydrophytic vegetation (Explain)				
1. none				¹ Indicators of hydric soil and wetland hydrology must				
2.				be present, unless disturbed or problematic.				
	·	= Total Cove	er	Hydrophytic				
% Bare Ground in Herb Stratum 93 % Co	over of Biotic		0	Vegetation Present? Yes No X				
		-						
Remarks: Sample area is a vernal pool that receives rudoes contain one vernal pool plant indicator species (Ps				e-watershed. It does not support hydrophtic vegetation. It				
	·	,						

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features			
(inches)	Color (moist)	%	Color (moist) % Type ¹	Loc ²	Texture	Remarks
0-2	10YR 3/2	100			sandy clay	no redox
2-18	10YR 4/3	100			sandy clay	no redox
¹ Type: C=Cor	ncentration, D=Depletion	n, RM=Reduced	Matrix, CS=Covered or Coated Sand Grains.		ocation: PL=Pore	Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applic	able to all LR	Rs, unless otherwise noted.)			or Problematic Hydric Soils ³ :
Histosol			Sandy Redox (S5)		1 cm Mu	ck (A9) (LRR C)
Histic E	pipedon (A2)		Stripped Matrix (S6)			ck (A10) (LRR B)
Black H	istic (A3)		Loamy Mucky Mineral (F1)		Reduced	l Vertic (F18)
Hydroge	en Sulfide (A4)		Loamy Gleyed Matrix (F2)		Red Pare	ent Material (TF2)
Stratified	d Layers (A5) (LRR (C)	Depleted Matrix (F3)		Other (E	xplain in Remarks)
	uck (A9) (LRR D)		Redox Dark Surface (F6)			
	d Below Dark Surfac	e (A11)	Depleted Dark Surface (F7)			
	ark Surface (A12)		Redox Depressions (F8)			hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal Pools (F9)			ydrology must be present,
Sandy C	Gleyed Matrix (S4)				unless di	sturbed or problematic.
Restrictive I	Layer (if present):					
Type:			<u></u>			
Depth (inc	hes):		_	H	Hydric Soil Pres	ent? Yes No X
Remarks: no	o hydric soil indicator	rs observed				
	,					
HYDROLOG						
Wetland Hy	drology Indicators					ndary Indicators (2 or more required)
Wetland Hy			check all that apply)			ndary Indicators (2 or more required) /ater Marks (B1) (Riverine)
Wetland Hy Primary Indi	drology Indicators		Salt Crust (B11)			
Wetland Hy Primary Indi Surface	drology Indicators icators (minimum of					/ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine)
Wetland Hy Primary Indi Surface High Wa	ydrology Indicators icators (minimum of o water (A1)		Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13)			/ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine)
Wetland Hy Primary Indi Surface High Wi	ydrology Indicators icators (minimum of o water (A1) ater Table (A2)	one required;	Salt Crust (B11) X Biotic Crust (B12)			/ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine)
Wetland Hy Primary Indi Surface High Water N	ydrology Indicators icators (minimum of o water (A1) ater Table (A2) ion (A3)	one required;	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13)	.iving Root		/ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10)
Wetland Hy Primary Indi Surface High Water M Water M Sedime	ydrology Indicators icators (minimum of of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver	one required; rine) onriverine)	Salt Crust (B11) X Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1)	•		/ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2)
Wetland Hy Primary Indi Surface High Water M Sedime Drift De	ydrology Indicators icators (minimum of of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No	one required; rine) onriverine)	Salt Crust (B11) X Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along L)		/ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) hin Muck Surface (C7)
Wetland Hy Primary Indi Surface High Water M Sedime Drift De X Surface	ydrology Indicators icators (minimum of o water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver ant Deposits (B2) (No eposits (B3) (Nonriver	rine) prine) prine)	Salt Crust (B11) X Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along L Presence of Reduced Iron (C4))	S (C3) T C C	/ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) hin Muck Surface (C7) rayfish Burrows (C8)
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Wetland Hy Primary Indi Surface High Water M Sedime Drift De X Surface Inundat Water-S	ydrology Indicators icators (minimum of of the Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver the Deposits (B2) (Norriver the Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9)	rine) prine) prine)	Salt Crust (B11) X Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along L Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Thin Muck Surface (C7))	S (C3) T C S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) hin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) hallow Aquitard (D3)
Wetland Hy Primary Indi Surface High Water M Sedime Drift De X Surface Inundat Water-S	ydrology Indicators icators (minimum of or water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver the Deposits (B2) (No reposits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9)	rine) prriverine) prine) Imagery (B7)	Salt Crust (B11) X Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along L Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Thin Muck Surface (C7) Other (Explain in Remarks))	S (C3) T C S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) hin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) hallow Aquitard (D3)
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Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 29, 2018				
Applicant/Owner: Pardee Homes State: CA Sampling Point: 116								
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W				
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2				
Subregion (LRR): LRR-C	Lat: 3	32.55659		Long: -117.02701 Datum: NAD83				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None				
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)				
Are Vegetation X, Soil , or Hydrology			·					
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SUMMARY OF FINDINGS – Attach site map sh								
Hydrophytic Vegetation Present? Yes	No X		0 1 1	A				
Hydric Soil Present? Yes	No X	is u	ne Sampled . nin a Wetland	YAS NO X				
Wetland Hydrology Present? Yes X	No	_ ****	iii a vvetiaii	u:				
does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and				
	Absolute	Dominant	Indicator	Dominance Test worksheet:				
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species				
1. none				That Are OBL, FACW, or FAC: 2 (A)				
2. 3.				Total Number of Dominant Species Across All Strata: 5 (B)				
				Percent of Dominant Species (B)				
4.		= Total Cove	er	That Are OBL, FACW, or FAC: 40 (A/B)				
Sapling/Shrub Stratum (Plot size:)		. 510 5511						
1. none				Prevalence Index worksheet:				
2.				Total % Cover of: Multiply by:				
3.				OBL species 0 x 1 = 0				
4				FACW species 2 x 2 = 4				
5				FAC species 0 x 3 = 0				
		= Total Cove	er	FACU species 4 x 4 = 16				
Herb Stratum (Plot size:)				UPL species 1 x 5 = 5				
1. Spergularia bocconi	1	Y	FACW	Column Totals: 7 (A) 25 (B)				
2. Erodium botrys	1	Y	FACU_ UPL	Prevalence Index = B/A = 3.6				
Erodium moschatum Deinandra fasciculata		Y	FACU	Lively and the Managerian Indicators				
Deinandra fasciculata Plantago elongata		Y	FACU	Hydrophytic Vegetation Indicators:				
6		<u>-</u>		Dominance Test is >50% Prevalence Index is ≤3.0¹				
				Morphological Adaptations ¹ (Provide supporting				
8.				data in Remarks or on a separate sheet)				
	7	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)				
Woody Vine Stratum (Plot size:				: iosioniado: i, diopriyao i egotado: (Explani)				
1. none				¹ Indicators of hydric soil and wetland hydrology must				
2.				be present, unless disturbed or problematic.				
	0	= Total Cove	er	Hydrophytic				
% Bare Ground in Herb Stratum93	ver of Biotic	Crust	0	Vegetation Present? Yes NoX				
Remarks: Sample area is a vernal pool that receives ru								
predomince of hydrophytic vegetation, it does support o	ne vernal po	ool plant indic	ator species	(Plantago elongata).				

Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No Depth (inches):	(inches)	Color (moist)	% Co	olor (moist)	%	Type ¹	Loc ²	Texture	Remarks
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosci (A1) Sandy Redox (S5) Histosci (A1) Sandy Redox (S5) Black Histo (A2) Stripped Matrix (S6) Black Histo (A3) Loamy Mucky Mineral (F1) Hydrogen Suffice (A4) Loamy Gleyed Matrix (F2) Stralified Layers (A5) (LRR C) Depleted Matrix (F3) Torm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Setrictive Layer (If present): Type: Depth (inches): Hydric Soil Present? Yes No X Primary Indicators (minimum of one required; check all that apply) Water Marks (B1) (Nonriverine) Surface Water (A1) Saturation (A3) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) High Water Table (A2) Saduration (A3) Saturation (A3) X Aquatic Invertebrates (B13) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Drift Deposits (B2) (Nonriverine) Hydrogen Sulfide Codor (C1) Drift Deposits (B3) (Nonriverine) Hydrogen Sulfide Codor (C1) Drift Deposits (B3) (Nonriverine) Hydrogen Sulfide Codor (C1) Presence of Reduced Iron (C4) Sulface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Think Oxfortine (B1) Water Present? Yes No Depth (inches): Water Table (A2) Sulface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Think Muck Surface (C7) Shallow Aquitard (D3) Water Present? Yes No Depth (inches): Water Table (A2) Saturation Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Wate									
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosci (A1) Sandy Redox (S5) Histosci (A1) Sandy Redox (S5) Sitripped Matrix (S6) Eliack Histic (A3) Loamy Mucky Mineral (F1) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A7) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Bark Surface (F6) Depleted Below Dark Surface (A11) Depleted Bark Surface (F7) Thick Dark Surface (A12) Redox Derk Surface (F7) Redox Derk Surface (F7) Sandy Mucky Mineral (S1) Water Marks (B1) (Riverine) Surface Water (A1) Salf Crust (B11) Sand (S1) Sandra Mucky Mu		·							
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosci (A1) Sandy Redox (S5) Histosci (A1) Sandy Redox (S5) Black Histo (A2) Black Histo (A3) Loamy Mucky Mineral (F1) Hydrogen Suffice (A4) Loamy Gleyed Matrix (S6) Popleted Below Dark Surface (A10) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Redox Derk Surface (F6) Depleted Below Dark Surface (A11) Sandy Mucky Mineral (F1) Sandy Gleyed Matrix (S4) Setrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes No X Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Surface Water (A1) Salt Crust (B12) Saturation (A3) X Aquatic Invertebrates (B13) Drainage Patterns (B10) Dry-Season Water Table (A2) Salturation (A3) Surface Salt Crust (B12) Surface Salt Crust (B12) Surface Salt Crust (B10) Dry-Season Mater Table (A2) Salturation (Valter (B1) Surface Soil Cracks (B6) Recent fron Reduction in Tilled Soils (C6) Ininundation Visible on Aerial Imagery (87) Thin Muck Surface (C7) Shallow Aquitard (D3) Water Present? Yes No Depth (inches): Salturation Present? Yes No Depth (inches									
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Sandy Redox (S5) Histosol (A1) Sandy Redox (S5) Black Histic (A3) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Bleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) 1 cm Muck (A9) (LRR D) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (F1) Sandy Gleyed Matrix (F2) Redox Depressions (F8) "Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Westrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes No X Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be considere vertand. Therefore, no soil pit was dug and hydric soils are not considered to be present. YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Salt Crust (B11) Salt Crust (B12) Salturation (A3) X Aquatic Invertebrates (B13) Drainage Patterns (B10) Drainage Patterns (B10) Drainage Patterns (B10) Dry Season Water Table (A2) Salturation (Pack) (B0) Salturation (Pack) (B0) Salturation (Visible on Aerial Imagery (F7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water Table Present? Yes No Eech Iron Reduction in Tilled Soils (C6) Shallow Aquitard (D3) Water Table Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Water Table Present? Yes No D									
Histosol (A1)									
Histic Epipedon (A2) Stripped Matrix (S6)	•	`	to all LRRS,			•			•
Black Histic (A3)		` '			, ,				
Hydrogen Sulfide (A4)									
Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Explain in Remarks) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A12) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Perman Far Be sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be considere vetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. YPROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B12) Saturation (A3) Saturation (A3) Saturation (A3) Saturation (A3) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Drift Deposits (B2) (Nonriverine) Hydrogen Sulfide Odor (C1) Drift Deposits (B2) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (6) Innuation Visible on Aerial Imagery (B7) Water Table Present? Ves No Depth (inches): Wetland Hydrology Present? Ves No Depth (in		` '			-				
1 cm Muck (A9) (LRR D)					-		•		* *
Depleted Below Dark Surface (A11)		• , , ,			•	,	•		(Explain in Remarks)
Thick Dark Surface (A12)		, , , ,	1)						
Sandy Mucky Mineral (S1)		,	.,			, ,		3Indicators	s of hydrophytic vegetation and
Sandy Gleyed Matrix (\$4) Restrictive Layer (if present): Type: Depth (inches): Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be considered wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. YPROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B3) (Riverine) Saturation (A3) Water Marks (B1) (Nonriverine) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Fresence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Inundation Visible on Aerial Imagery (B7) Water Table (Layers) Water Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches)		, ,			•	,			
Type:		• • • •			, ,				
Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be considered vetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. Value		Layer (if present):							
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Wetland Hydrology Indicators: Secondary Indicators (2 or more require Primary Indicators (minimum of one required; check all that apply) Water Marks (B1) (Riverine) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Sutration (A3) X Aquatic Invertebrates (B13) Drainage Patterns (B10) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B3) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations:	Depth (In	cnes):					Пу	aric Soil P	resent? Yes No _X
Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Saturation (A3) X Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a emarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks and San Diego fairy shrimp indical	YDROLO	GY							
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Saturation (A3) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) Field Observations: Surface Water Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Semarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks and San Diego fairy shrimp indica	· j	dicators (minimum of one re	equired; che	ck all that apply	/)			<u>Se</u>	
Water Marks (B1) (Nonriverine)		•	equired; che					<u>Se</u>	_ Water Marks (B1) (Riverine) _ Sediment Deposits (B2) (Riverine)
Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) X Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Thin Muck Surface (C7) Other (Explain in Remarks) Teld Observations: Surface Water Present? Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Secrical Reduced Iron (C4) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5) Wetland Hydrology Present? Yes X No Includes capillary fringe) Secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a	Surfac	e Water (A1)	equired; che	Salt Crust	t (B11)			<u>Se</u>	_ Water Marks (B1) (Riverine) _ Sediment Deposits (B2) (Riverine)
Drift Deposits (B3) (Nonriverine)	Surfac High W	e Water (A1) Vater Table (A2)	equired; che	Salt Crusi	t (B11) st (B12)	es (B13)		<u>Se</u>	_ Water Marks (B1) (Riverine) _ Sediment Deposits (B2) (Riverine) _ Drift Deposits (B3) (Riverine)
X Surface Soil Cracks (B6)	Surfac High V Satura	e Water (A1) Vater Table (A2) tion (A3)	equired; che	Salt Crus Biotic Cru X Aquatic Ir	t (B11) st (B12) overtebrate			<u>Se</u>	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Inundation Visible on Aerial Imagery (B7)	Surfac High W Satura Water	e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonriverine)		Salt Crusi Biotic Cru X Aquatic Ir Hydrogen	t (B11) est (B12) nvertebrate s Sulfide O	dor (C1)	Living Roots	 _ _ _	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Seturation Present? Yes X	Surfac High W Satura Water Sedime	e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonriverine) ent Deposits (B2) (Nonrive		Salt Crusi Biotic Cru X Aquatic Ir Hydrogen Oxidized	t (B11) ist (B12) nvertebrate i Sulfide O Rhizosphe	dor (C1) eres along l	_	 _ _ _	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Field Observations: Surface Water Present? Yes NoX Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Security of the delineation, the presence of surface soil cracks and San Diego fairy shrimp indical photos.	Surfac High V Satura Water Sedime	e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonriverine) ent Deposits (B2) (Nonrive eposits (B3) (Nonriverine)		Salt Crusi Biotic Cru X Aquatic Ir Hydrogen Oxidized Presence	t (B11) ist (B12) nvertebrate Sulfide O Rhizosphe of Reduce	dor (C1) eres along l ed Iron (C4	!)	 _ _ _	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Surface Water Present? Yes NoX _ Depth (inches):	Surfac High V Satura Water Sedim Drift Do X Surfac	e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonriverine) ent Deposits (B2) (Nonrive eposits (B3) (Nonriverine) e Soil Cracks (B6)	rine)	Salt Crust Biotic Cru X Aquatic Ir Hydrogen Oxidized Presence Recent Ir	t (B11) ust (B12) uvertebrate u Sulfide O Rhizosphe of Reduct on Reduct	dor (C1) eres along l ed Iron (C4 ion in Tilled	!)	 _ _ _	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C
Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Wetland Hydrology Present? Yes X No Saturation Prese	Surfac High W Satura Water Sedim Drift Do X Surfac Inunda	e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonriverine) ent Deposits (B2) (Nonrive eposits (B3) (Nonriverine) e Soil Cracks (B6) tion Visible on Aerial Image	rine)	Salt Crust Biotic Cru X Aquatic Ir Hydrogen Oxidized Presence Recent Ird Thin Muci	t (B11) ust (B12) uvertebrate Sulfide O Rhizosphe of Reduct R Surface	dor (C1) eres along led Iron (C4 ion in Tilled (C7)	!)	 _ _ _	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3)
Saturation Present? Yes NoDepth (inches): Wetland Hydrology Present? YesXNo	Surfac High W Satura Water Sedim Drift Do X Surfac Inunda Water-	e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonriverine) ent Deposits (B2) (Nonrive eposits (B3) (Nonriverine) e Soil Cracks (B6) tion Visible on Aerial Image Stained Leaves (B9) rvations:	rine) ery (B7)	Salt Crust Biotic Cru X Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex	t (B11) st (B12) nvertebrate Sulfide O Rhizosphe of Reduct on Reduct k Surface	dor (C1) eres along led Iron (C4 ion in Tilled (C7)	!)	 _ _ _	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3)
(includes capillary fringe) escribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a emarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks and San Diego fairy shrimp indica	Surfac High W Satura Water Sedim Drift D X Surfac Inunda Water- Field Obse Surface Wa	e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonriverine) ent Deposits (B2) (Nonrive eposits (B3) (Nonriverine) e Soil Cracks (B6) tion Visible on Aerial Image Stained Leaves (B9) rvations: tter Present? Yes	rine) ery (B7)	Salt Crust Biotic Cru X Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Muci Other (Ex	t (B11) st (B12) nvertebrate s Sulfide O Rhizosphe of Reduct on Reduct k Surface plain in Re	dor (C1) Pres along led Iron (C4 On in Tilled (C7) Omarks)	!)	 _ _ _	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Canada and Canada and Can
emarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks and San Diego fairy shrimp indica	Surfac High W Satura Water Sedim Drift D X Surfac Inunda Water- Field Obse Surface Wa Water Table	e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonriverine) ent Deposits (B2) (Nonrive eposits (B3) (Nonriverine) e Soil Cracks (B6) tion Visible on Aerial Image Stained Leaves (B9) rvations: ter Present? Persent? Ves e Present?	rine) ery (B7) No No	Salt Crust Biotic Cru X Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Muci Other (Ex X Depth (inch	t (B11) Ist (B12) Invertebrate I Sulfide O Rhizosphe of Reduct on Reduct k Surface plain in Re Ines): Ines): Ines):	dor (C1) bres along I bed Iron (C4 ion in Tilled (C7) bemarks)	d Soils (C6)	(C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3) FAC-Neutral Test (D5)
emarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks and San Diego fairy shrimp indica at the area supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug.	Surfac High W Satura Water Sedim Drift D X Surfac Inunda Water- Field Obse Surface Wa Water Table Saturation F	e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonriverine) ent Deposits (B2) (Nonrive eposits (B3) (Nonriverine) e Soil Cracks (B6) tition Visible on Aerial Image Stained Leaves (B9) rvations: ter Present? Present? Yes Present? Yes Present? Yes Present? Yes Present? Yes Present? Yes	rine) ery (B7) No No	Salt Crust Biotic Cru X Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Muci Other (Ex X Depth (inch	t (B11) Ist (B12) Invertebrate I Sulfide O Rhizosphe of Reduct on Reduct k Surface plain in Re Ines): Ines): Ines):	dor (C1) bres along I bed Iron (C4 ion in Tilled (C7) bemarks)	d Soils (C6)	(C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3) FAC-Neutral Test (D5)
emarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks and San Diego fairy shrimp indicate at the area supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug.	Surfac High W Satura Water Sedim Drift D X Surfac Inunda Water- Field Obse Surface Wa Water Table Saturation F (includes ca	e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonriverine) ent Deposits (B2) (Nonrive eposits (B3) (Nonriverine) e Soil Cracks (B6) tion Visible on Aerial Image Stained Leaves (B9) rvations: ter Present? Present? Present? Yes Present? Yes Present? Yes Present? Yes Present? Yes Present? Yes Present?	rine) ery (B7)	Salt Crust Biotic Cru X Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Muci Other (Ex X Depth (inch Depth (inch	t (B11) Ist (B12) Invertebrate I Sulfide O Rhizosphe of Reduct on Reduct K Surface plain in Re Ines): Ines): Ines): Ines):	dor (C1) eres along led Iron (C4 ion in Tilled (C7) emarks)	d Soils (C6) Wetland	(C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3) FAC-Neutral Test (D5)
at the area supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug.	Surfac High W Satura Water Sedim Drift D X Surfac Inunda Water- Field Obse Surface Wa Water Table Saturation F (includes ca	e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonriverine) ent Deposits (B2) (Nonrive eposits (B3) (Nonriverine) e Soil Cracks (B6) tion Visible on Aerial Image Stained Leaves (B9) rvations: ter Present? Present? Present? Yes Present? Yes Present? Yes Present? Yes Present? Yes Present? Yes Present?	rine) ery (B7)	Salt Crust Biotic Cru X Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Muci Other (Ex X Depth (inch Depth (inch	t (B11) Ist (B12) Invertebrate I Sulfide O Rhizosphe of Reduct on Reduct K Surface plain in Re Ines): Ines): Ines): Ines):	dor (C1) eres along led Iron (C4 ion in Tilled (C7) emarks)	d Soils (C6) Wetland	(C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)
	Surfac High W Satura Water Sedim Drift Dr X Surfac Inunda Water- Field Obse Surface Wa Water Table Saturation F (includes callescribe Re	e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonriverine) ent Deposits (B2) (Nonrive eposits (B3) (Nonriverine) e Soil Cracks (B6) tion Visible on Aerial Image Stained Leaves (B9) rvations: ter Present? Present? Present? Yes Present? Yes pillary fringe) corded Data (stream gauge	rine) ery (B7) No No e, monitoring	Salt Crust Biotic Cru X Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Muci Other (Ex X Depth (inch Depth (inch Depth (inch well, aerial ph	t (B11) Ist (B12) Invertebrate I Sulfide O Rhizosphe of Reduct on Reduct on Reduct on Reduct on Reduct on Resolute plain in Re Ines): Ines): Ines): Ines): Inesolute I	dor (C1) tres along I ted Iron (C4 tion in Tilled (C7) temarks)	Wetland	(C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)
	Surfac High W Satura Water Sedim Drift Dr X Surfac Inunda Water- Field Obse Surface Wa Water Table Saturation Fincludes ca escribe Re	e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonriverine) ent Deposits (B2) (Nonrive eposits (B3) (Nonriverine) e Soil Cracks (B6) tion Visible on Aerial Image Stained Leaves (B9) rvations: eter Present? Present? Present? Yes Present? Yes prightly Yes pr	rine) ery (B7) No No no e, monitoring	Salt Crust Biotic Cru X Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Muci Other (Ex X Depth (inch Depth (inch Depth (inch well, aerial ph	t (B11) st (B12) nvertebrate Sulfide O Rhizosphe of Reduct on Reduct k Surface plain in Re nes): nes): otos, prev	dor (C1) eres along led Iron (C4) ion in Tilled (C7) emarks) ious inspection, the pre-	Wetland ctions), if availables	(C3) Hydrolog llable: n/a	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5) y Present? Yes X No
	Surfac High W Satura Water Sedim Drift Dr X Surfac Inunda Water- Field Obse Surface Wa Nater Table Saturation Fincludes ca escribe Re	e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonriverine) ent Deposits (B2) (Nonrive eposits (B3) (Nonriverine) e Soil Cracks (B6) tion Visible on Aerial Image Stained Leaves (B9) rvations: eter Present? Present? Present? Yes Present? Yes prightly Yes pr	rine) ery (B7) No No no e, monitoring	Salt Crust Biotic Cru X Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Muci Other (Ex X Depth (inch Depth (inch Depth (inch well, aerial ph	t (B11) st (B12) nvertebrate Sulfide O Rhizosphe of Reduct on Reduct k Surface plain in Re nes): nes): otos, prev	dor (C1) eres along led Iron (C4) ion in Tilled (C7) emarks) ious inspection, the pre-	Wetland ctions), if availables	(C3) Hydrolog llable: n/a	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) FAC-Neutral Test (D5) y Present? Yes X No

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 29, 2018				
Applicant/Owner: Pardee Homes State: CA Sampling Point: 117								
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W				
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2				
Subregion (LRR): LRR-C	Lat: 3	32.55604		Long: -117.02523 Datum: NAD83				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None				
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)				
Are Vegetation X, Soil , or Hydrology			·	· 				
				(If needed, explain any answers in Remarks.)				
SUMMARY OF FINDINGS – Attach site map sh								
				,,,,,				
Hydrophytic Vegetation Present? Yes Hydric Soil Present? Yes	No X	ls th	ne Sampled	Area Yes No X				
Wetland Hydrology Present? Yes X	No A	— with	nin a Wetland	d? Yes No X				
				s. This feature was sampled during the growing season and				
does not meet the wetland criteria. VEGETATION – Use scientific names of plants				gg				
Tree Charles (Districts)	Absolute	Dominant	Indicator	Dominance Test worksheet:				
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species				
				That Are OBL, FACW, or FAC: 3 (A)				
3				Total Number of Dominant Species Across All Strata: 6 (B)				
				Percent of Dominant Species				
4.		= Total Cove	er	That Are OBL, FACW, or FAC:(A/B)				
Sapling/Shrub Stratum (Plot size:)								
1. none				Prevalence Index worksheet:				
2.				Total % Cover of: Multiply by:				
3.				OBL species1 x 1 =1				
4				FACW species 3 x 2 = 6				
5				FAC species 0 x 3 = 0				
		= Total Cove	er	FACU species 2 x 4 = 8				
Herb Stratum (Plot size:)			0.51	UPL species 2 x 5 = 10				
1. Plagiobothrys acanthocarpus		Y	OBL	Column Totals:8 (A)25 (B)				
2. Logfia gallica	$\frac{1}{2}$	Y	UPL	Prevalence Index = B/A = 3.1				
Spergularia bocconi Dittrichia graveolens	1	Y	FACW UPL	Hydrophytic Vegetation Indicators:				
Dittrichia graveolens Psilocarphus brevissimus	<u> </u>	Y	FACW	Dominance Test is >50%				
6. Deinandra fasciculata	2	Y	FACU	Prevalence Index is ≤3.0¹				
7.				Morphological Adaptations ¹ (Provide supporting				
8.				data in Remarks or on a separate sheet)				
	8	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)				
Woody Vine Stratum (Plot size:)				Trobiniano riyaropriyno vegetanom (Explain)				
1. none				¹ Indicators of hydric soil and wetland hydrology must				
2.				be present, unless disturbed or problematic.				
	0	= Total Cove	er	Hydrophytic				
W Para Crayand in Harb Stratura 04 07 07	vor of Distin			Vegetation				
	ver of Biotic		0	Present? Yes No X				
Remarks: Sample area is a vernal pool that receives rupredomince of hydrophytic vegetation, it does support to brevissimus).								

Profile Desc Depth	cription: (Describe Matrix			ent the in edox Featı		confirm	the absence of	of indicators.)
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
()								
				-				
	-						_	
								<u> </u>
1_ 0 0							21	
	ncentration, D=Depleti					is.		ore Lining, RC=Root Channel, M=Matrix.
-	I Indicators: (Appli	cable to all LR	•		•			rs for Problematic Hydric Soils ³ :
Histoso				Redox (S5				Muck (A9) (LRR C)
_	pipedon (A2)			d Matrix (S	,			Muck (A10) (LRR B)
	listic (A3)			Mucky Mir				ced Vertic (F18)
	en Sulfide (A4)	`		Gleyed Ma				Parent Material (TF2)
	d Layers (A5) (LRR	. C)		ed Matrix (F	,		Other	r (Explain in Remarks)
	uck (A9) (LRR D)	(8.4.4)		Dark Surfa	, ,			
	ed Below Dark Surfa	ce (A11)		ed Dark Su	` ,		31	- Albandon bakka an makakkan anad
	Park Surface (A12)			Depression				s of hydrophytic vegetation and
	Mucky Mineral (S1)		vernal	Pools (F9)				nd hydrology must be present,
Sandy	Gleyed Matrix (S4)						unless	s disturbed or problematic.
Restrictive	Layer (if present):							
Type:			_					
Depth (inc	ches):						Hydric Soil P	Present? Yes No X
Domorko, T	he compled area of	innarta a nradar	minanaa afuulan	d voqototic		a nat ma	at the budraphy	ytic vegetation standard to be considered
	erefore, no soil pit w						et tile flydiopfly	ylic vegetation standard to be considered a
Wodana. Tri	orororo, no con pic vi	ao aag ana ny a	no cono are not c	, o i i o i o o i	10 DO P100	OTTE.		
HYDROLO	GY							
Wetland H	ydrology Indicator	s:					<u>Se</u>	econdary Indicators (2 or more required
Primary Ind	licators (minimum o	one required; c	heck all that app	oly)				Water Marks (B1) (Riverine)
	e Water (A1)		Salt Cru					Sediment Deposits (B2) (Riverine)
	/ater Table (A2)			rust (B12)				Drift Deposits (B3) (Riverine)
•	tion (A3)			Invertebrat	oc (B13)			_ Drainage Patterns (B10)
		awima\					-	
	Marks (B1) (Nonrive	*	<u> </u>	n Sulfide C	` '	5	- (00)	_ Dry-Season Water Table (C2)
_	ent Deposits (B2) (N			l Rhizosph	_		oots (C3)	_ Thin Muck Surface (C7)
	eposits (B3) (Nonriv	erine)		e of Reduc	,	,	_	_Crayfish Burrows (C8)
X Surface	e Soil Cracks (B6)		Recent I	ron Reduc	tion in Tille	ed Soils (C	C6) <u> </u>	_ Saturation Visible on Aerial Imagery (C9
Inundat	tion Visible on Aeria	l Imagery (B7)	Thin Mu	ck Surface	(C7)			_ Shallow Aquitard (D3)
Water-	Stained Leaves (B9)	Other (E	xplain in R	emarks)			_FAC-Neutral Test (D5)
Field Obser	vations:							
		Yes No	Depth (inc	ches).				
Water Table								
			Depth (inc			— \	land Hydrolog	w Dragont? Voc V No
Saturation P	pillary fringe)	Yes No	Depth (inc			— weii	iano nyorolog	yy Present? Yes X No
•	corded Data (stream	nauge monitor	ring well aerial n	hotos nrev	inus insne	ections) if	f available n/a	
Describe Nec	orded Data (Stream	gauge, monitor	ing wen, acriai p	notos, pro	rious irispe	,cuori <i>3)</i> , ii	ravallabic. 11/a	•
Remarks: Al	though no surface v	ater was preser	nt at the time of t	he delinea	tion, evide	nce of su	rface soil crack	s indicate that the area supports wetland
hydrology. W	ater table level and	saturation are n	ot known as a so	oil pit was r	not dug.			

Project/Site: Southwest Village Specific Plan	Project/Site: Southwest Village Specific Plan City/County: San Diego, CA Sampling Date: March 29, 2019								
Applicant/Owner: Pardee Homes State: CA Sampling Point: 118									
Investigator(s): Beth Procsal, JR Sundberg		Section, Township,	Range: Section 31, T18S R01W						
Landform (hillslope, terrace, etc.): mesa top		Local relief (concav	e, convex, none): concave Slope (%): 0-2						
Subregion (LRR): LRR-C	Lat: 3	32.555228	Long: -117.023736 Datum: NAD83						
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s			NWI classification: None						
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes X N	No (If no, explain in Remarks.)						
		· · · · · · · · · · · · · · · · · · ·	Are "Normal Circumstances" present? Yes X No						
			(If needed, explain any answers in Remarks.)						
SUMMARY OF FINDINGS – Attach site map sh									
Hydrophytic Vegetation Present? Yes			,						
Hydric Soil Present? Yes		is the Sample	YAS NO X						
Wetland Hydrology Present? Yes X	No No	— within a Wetla	nd?						
			ses. This feature was sampled during the growing season and						
does not meet the wetland criteria. VEGETATION – Use scientific names of plants			3						
To a Otratago (Districtor	Absolute	Dominant Indicator	Dominance Test worksheet:						
Tree Stratum (Plot size:) 1. none	% Cover	Species? Status	Number of Dominant Species						
2.			That Are OBL, FACW, or FAC: (A) Total Number of Dominant						
3			Species Across All Strata:(B)						
4			Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)						
Sapling/Shrub Stratum (Plot size:)		= Total Cover	THAT ARE OBE, I ACW, OI FAC.						
1. none			Prevalence Index worksheet:						
2			Total % Cover of: Multiply by:						
3.			OBL species x 1 =						
4.			FACW species x 2 =						
5.			FAC species x 3 =						
		= Total Cover	FACU species x 4 =						
Herb Stratum (Plot size:)			UPL species x 5 =						
1. <u>none</u>			Column Totals: (A)(B)						
2			Prevalence Index = B/A =						
3. 4.			Hydrophytic Vegetation Indicators:						
5			Dominance Test is >50%						
6.			Prevalence Index is ≤3.01						
7.			Morphological Adaptations¹ (Provide supporting						
8.			data in Remarks or on a separate sheet)						
		= Total Cover	Problematic Hydrophytic Vegetation ¹ (Explain)						
Woody Vine Stratum (Plot size:									
1. <u>none</u>			¹Indicators of hydric soil and wetland hydrology must						
2			be present, unless disturbed or problematic.						
	0	= Total Cover	Hydrophytic Vegetation						
	ver of Biotic		Present? Yes No X						
	noff from a	relatively small local micr	ro-watershed. No ACOE vernal pool plant indicator species						
were present within the basin.									

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Features			
(inches)	Color (moist)	%	Color (moist)	% Type ¹	Loc ²	Texture	Remarks
					· -		
¹ Type: C=Con	 ncentration, D=Depletion	RM=Reduc	ed Matrix CS=Covered	or Coated Sand Grai	ins ² l or	cation: PI =Pore I ini	ing, RC=Root Channel, M=Matrix.
71	Indicators: (Applica	,	,				Problematic Hydric Soils ³ :
Histosol		abic to un E		edox (S5)			(A9) (LRR C)
	oipedon (A2)			Matrix (S6)			(A10) (LRR B)
	istic (A3)			Mucky Mineral (F1)		Reduced Ve	
	en Sulfide (A4)			Gleyed Matrix (F2)			Material (TF2)
	d Layers (A5) (LRR 0	2)		Matrix (F3)			ain in Remarks)
	uck (A9) (LRR D)	- /		ark Surface (F6)			,
	d Below Dark Surface	e (A11)		Dark Surface (F7))		
Thick Da	ark Surface (A12)	,	Redox D	epressions (F8)		3Indicators of hy	drophytic vegetation and
	Mucky Mineral (S1)		Vernal P	ools (F9)		-	rology must be present,
	Gleyed Matrix (S4)			, ,			rbed or problematic.
Restrictive I	_ayer (if present):						
Type:	Layer (ii present).						
Depth (inch	poe).				L	lydric Soil Presen	t? Yes No x
Deptil (ilici					' '	iyunc 30ii Fresen	t? Yes No <u>x</u>
HYDROLOG							
-	drology Indicators:						ary Indicators (2 or more required)
-	cators (minimum of c	ne required					er Marks (B1) (Riverine)
	Water (A1)		Salt Crus	` '			iment Deposits (B2) (Riverine)
High Wa	ater Table (A2)		Biotic Cru	st (B12)			Deposits (B3) (Riverine)
Saturation	` '			vertebrates (B13)			nage Patterns (B10)
	larks (B1) (Nonriver		Hydrogen	Sulfide Odor (C1)		Dry-	Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizospheres alon	g Living Roots	s (C3) Thin	Muck Surface (C7)
Drift De	posits (B3) (Nonrive)	rine)	Presence	of Reduced Iron (0	C4)	Cray	fish Burrows (C8)
Surface	Soil Cracks (B6)		Recent Ire	on Reduction in Till	ed Soils (C6)	Satu	ıration Visible on Aerial Imagery (C9)
Inundati	ion Visible on Aerial I	magery (B7)Thin Muc	k Surface (C7)		Shal	llow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	plain in Remarks)		FAC	-Neutral Test (D5)
Field Observ	vations:						
Surface Water		es	No X Depth (inch	nes).			
Water Table		es		nes):			
Saturation Pr			No Depth (inch	<i>'</i>	— Wetland	d Hydrology Pres	sent? Yes X No
(includes cap			Dopur (mor		'' '	a riyarology ric	30iii. 103 <u>X</u> 10
•	orded Data (stream g	gauge, moni	toring well, aerial ph	otos, previous insp	ections), if ava	ailable: n/a	
	,				•		
							iny season and fairy shrimp surveys
were conducte	ed within this pool. Th	nerefore, the	e presence of immat				iny season and fairy shrimp surveys atland hydrology. Water table level
were conducte		nerefore, the	e presence of immat				
were conducte	ed within this pool. Th	nerefore, the	e presence of immat				

Project/Site: Southwest Village Specific Plan		City/Cour	nty: <u>San Dieg</u>	o, CA	_Sampling Date: N	March 29, 2018	
Applicant/Owner: Pardee Homes State: CA Sampling Point: 119							
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	tange: Section 31, T18S F	R01W		
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slope	(%): <u>0-2</u>	
Subregion (LRR): LRR-C	Lat:	32.55520		Long: -117.02337	Datum:	NAD83	
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	slopes			NWI classification	on: None		
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	(If no, explain in	Remarks.)		
Are Vegetation X, Soil, or Hydrology _	signif	icantly disturb	ped? Yes	Are "Normal Circumstance	es" present? Yes	X No	
Are Vegetation, Soil, or Hydrology							
SUMMARY OF FINDINGS – Attach site map si							
Hydrophytic Vegetation Present? Yes	No X						
Hydric Soil Present? Yes	No X		he Sampled	Yes	No X		
Wetland Hydrology Present? Yes X	No	— Witi	hin a Wetlan	a? —		_	
Remarks: The majority of the vegetation on the site hadoes not meet the wetland criteria. VEGETATION – Use scientific names of plant:		urbed due to	past land use	s. This feature was sample	ed during the growi	ng season and	
VEGETATION — Ose scientific fiames of plant	Absolute	Dominant	Indicator	Dominance Test works	sheet:		
Tree Stratum (Plot size:)		Species?	Status	Number of Dominant Sp			
1. none				That Are OBL, FACW, o		(A)	
3				Total Number of Domina Species Across All Strat		(B)	
4.				Percent of Dominant Sp			
		= Total Cov	er	That Are OBL, FACW, o	or FAC:	(A/B)	
Sapling/Shrub Stratum (Plot size:)							
1. none				Prevalence Index work			
2.				Total % Cover of:	Multiply		
3.				OBL species	x 1 =		
4				FACW species	x 2 =		
5				FACIL appeirs	x 3 =		
Horb Stratum (Diotoizo:		= Total Cov	er	FACU species UPL species	x 4 =		
Herb Stratum (Plot size:)	1	N	OBL	Column Totals:	x 5 = (A)	(B)	
Spergularia bocconi	1	N	FACW	Column Fotals.	(//)	(D)	
3.				Prevalence Inde	ex = B/A =		
				Hydrophytic Vegetatio	n Indicators:		
5				Dominance Test i			
6.				Prevalence Index			
7.					laptations¹ (Provide	supporting	
8.				· · ·	ks or on a separate	11 0 1	
	2	= Total Cov	ver	Problematic Hydro	ophytic Vegetation¹	(Explain)	
Woody Vine Stratum (Plot size:)							
1. <u>none</u> 2.				¹ Indicators of hydric so be present, unless dist			
<u></u>	0	= Total Cov		Livelya physic	<u> </u>		
% Bare Ground in Herb Stratum 98 % Co	over of Biotic		0	Hydrophytic Vegetation Present? Yes	es No	X	
Remarks: Sample area is a vernal pool that receives ru							
vegetation cover insufficient (less than 5%) to be considued vegetation, it does support one vernal pool plant indicate	dered hydrop	ohytic. While	the sample ar	rea does not support a pre			

Depth	ription: (Describe to Matrix	the depth n		e nt the inc dox Featu		confirm t	the absence of	of indicators.)
(inches)	Color (moist)	 _	Color (moist)	%	Type ¹	Loc ²	– Texture	Remarks
()			()		<u> </u>			
							_	
			-				_	
1Type: C=Co	 ncentration, D=Depletion	- PM-Poduco	Matrix CS=Covered	d or Coated	Sand Grain	<u> </u>	2l ocation: DI -D	ore Lining, RC=Root Channel, M=Matrix.
	Indicators: (Applica		•			5.		s for Problematic Hydric Soils ³ :
-		able to all Liv						•
Histoso	` '			Redox (S5)				Muck (A9) (LRR C)
_	pipedon (A2)			Matrix (S	,			Muck (A10) (LRR B)
	istic (A3)			∕lucky Min				ced Vertic (F18)
Hydroge	en Sulfide (A4)		Loamy (Gleyed Ma	trix (F2)		Red F	Parent Material (TF2)
Stratifie	d Layers (A5) (LRR (;)	Depleted	d Matrix (F	3)		Other	r (Explain in Remarks)
1 cm M	uck (A9) (LRR D)		Redox D	ark Surfac	ce (F6)			
Deplete	d Below Dark Surfac	e (A11)	Depleted	d Dark Sur	face (F7)			
Thick D	ark Surface (A12)		Redox D	epression	ıs (F8)		3Indicators	s of hydrophytic vegetation and
Sandy I	Mucky Mineral (S1)		Vernal F	Pools (F9)			wetlan	nd hydrology must be present,
Sandy (Gleyed Matrix (S4)			, ,				s disturbed or problematic.
								· · · · · · · · · · · · · · · · · · ·
_	Layer (if present):							
Type:			<u> </u>					
Depth (inc	hes):		_				Hydric Soil P	Present? Yes No X
Romarke: T	ha campled area ic 11	nvegetated a	nd does not meet t	the hydron	hytic yeae	tation etai	ndard to be co	onsidered a wetland. Therefore, no soil
HYDROLO	GY							
Wetland H	/drology Indicators:						Se	econdary Indicators (2 or more requ
_	icators (minimum of o		check all that anni	v)				Water Marks (B1) (Riverine)
		nic required,		, ,				_ ` ` ` ` ` ` `
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ıst (B12)				_ Drift Deposits (B3) (Riverine)
Saturat	ion (A3)		Aquatic Ir	nvertebrate	es (B13)			_ Drainage Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydroger	Sulfide C	dor (C1)			Dry-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	oots (C3)	Thin Muck Surface (C7)
	posits (B3) (Nonrive				ed Iron (C	-	` '	Crayfish Burrows (C8)
	Soil Cracks (B6)				ion in Tille	•		Saturation Visible on Aerial Imagery
	, ,	(DZ)				u Solis (C		_
	ion Visible on Aerial I	magery (B7)		k Surface				_ Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	plain in Re	emarks)			_FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		es N	lo X Depth (incl	hes).				
Water Table			lo X Depth (incl					
								Durana V. Na
Saturation P		es N	lo X Depth (incl	nes):		wetia	and Hydrolog	y Present? Yes X No
	oillary fringe)	101186 TO 111	wing well a! - 1	otos ::::	deue != - ··	otions\ if	ovoilel-1 '	
Describe Rec	orded Data (stream o	jauge, monito	ning well, aerial ph	ιοιοs, prev	ious inspe	cuons), If	avaliable: n/a	l
Remarke: Alt	hough no surface wa	ter was press	ant at the time of th	e delinest	ion evidor	nce of cur	face soil crack	s indicate that the area supports wetla
	ater table level and s	•				ioc oi sull	iace son clack	o maioato triat trie area supports wella
, a. 5.5gy. vv		a.a.a.a.o.i aio i	11101111 40 4 501	. p.c 1140 11	aug.			

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA	Sampling Date: March 29, 2019
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 120
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R	.01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave	Slope (%): <u>0-2</u>
Subregion (LRR): LRR-C	Lat:	32.55520		Long: -117.02315	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	slopes			NWI classification	n: None
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	o(If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology	signif	icantly disturb	ed? Yes	Are "Normal Circumstances	s" present? Yes X No
Are Vegetation, Soil, or Hydrology	natura	ally problema	tic? Yes ((If needed, explain any ans	wers in Remarks.)
SUMMARY OF FINDINGS – Attach site map si	nowing sa	mpling poi	nt locations	s, transects, important	features, etc.
Hydrophytic Vegetation Present? Yes	No X			_	
Hydric Soil Present? Yes	No X		he Sampled <i>i</i> nin a Wetland	Yes	NoX
Wetland Hydrology Present? Yes X	No		iiii a vvetiaiii	u:	
Remarks: The majority of the vegetation on the site hadoes not meet the wetland criteria. VEGETATION – Use scientific names of plant:		urbed due to	past land use	s. This feature was sample	d during the growing season and
VEGETATION – Ose scientific fiames of plant	Absolute	Dominant	Indicator	Dominance Test works	heet:
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Spe	
1. none				That Are OBL, FACW, or	
2				Total Number of Domina	
3				Species Across All Strata	(D)
4				Percent of Dominant Spe That Are OBL, FACW, or	
Ocalia (Obasta Otata)		= Total Cove	er		(,
Sapling/Shrub Stratum (Plot size:)				Duning land and an	
1. <u>none</u> 2.				Prevalence Index works Total % Cover of:	Sneet: Multiply by:
3.				OBL species 1	x 1 = 1
4				FACW species 2	x 2 = 4
5.				FAC species 0	x 3 = 0
<u> </u>		= Total Cove		FACU species 4	x 4 = 16
Herb Stratum (Plot size:		rotal Cove	0 1	UPL species 1	x 5 = 5
1. Plagiobothrys acanthocarpus	1	Υ	OBL	Column Totals: 8	(A) 26 (B)
2. Spergularia bocconi	2	Υ	FACW	Dravalance Index	- D/A - 2 25
3. Hordeum murinum	1	Y	FACU	Prevalence Index	- D/A - <u>3.25</u>
4. Festuca myuros	1	Y	FACU	Hydrophytic Vegetation	n Indicators:
5. Deinandra fasciculata	1	Υ	FACU	Dominance Test is	; >50%
6. Bromus madritensis	1	Y	UPL	Prevalence Index	is ≤3.0¹
7. Erodium botrys	1	Y	FACU		aptations ¹ (Provide supporting
8				data in Remark	s or on a separate sheet)
	8	= Total Cov	/er	Problematic Hydro	phytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)					
1. none				¹ Indicators of hydric soil be present, unless distu	and wetland hydrology must
2				be present, unless disto	Thed of problematic.
		= Total Cove	er	Hydrophytic	
% Bare Ground in Herb Stratum 92 % Co	ver of Biotic	Crust		Vegetation Present? Ye	s No X
Remarks: Sample area is a vernal pool that receives ru			all local micro	 -watershed The vernal poo	
hydrophytic vegetation. It does support one vernal pool					

Profile Desc	ription: (Describe to	the depth nee	ded to docum	ent the inc	dicator or	confirm t	he absence of	f indicato	rs.)	
Depth	Matrix			edox Featu			_			
(inches)	Color (moist)	% C	color (moist)		Type ¹	Loc ²	Texture		Remark	<u>S</u>
0-3	10YR 4/2	100					sandy clay			
5-18	7.5YR 4/4	100					clay			
							_			
							-			
							_			
							-			
1 0 0			1: 00 0			2			0.0	
	ncentration, D=Depletion					5.			C=Root Channel, N	
1 -	Indicators: (Applica	able to all LRRS			•				ematic Hydric S	·OIIS":
Histosol	` '			Redox (S5)				/luck (A9) (
	oipedon (A2)			d Matrix (Se	•			/luck (A10)		
	istic (A3) en Sulfide (A4)			Mucky Min Gleyed Ma				ed Vertic (arent Mate		
	d Layers (A5) (LRR (~)		d Matrix (F					Remarks)	
	uck (A9) (LRR D)	3)		Dark Surfac	,			,Lxpiaii iii	i i (ciriarita)	
	d Below Dark Surfac	e (A11)		d Dark Sur	` '					
	ark Surface (A12)	- (,		Depression	` '		³ Indicators	of hydropl	hytic vegetation a	and
· ——	Mucky Mineral (S1)			Pools (F9)	,				y must be preser	
	Gleyed Matrix (S4)			, ,					or problematic.	
Restrictive I	_ayer (if present):									
Type:	zayer (ii present).									
Depth (incl	hes).						Hydric Soil Pr	esent?	Yes	No X
		_					Trydric Con Tr	CSCIIL:		
Remarks: no	hydric soils indicato	ors observed								
HYDROLOG	ξY									
Wetland Hy	drology Indicators:	1					Sec	condary li	ndicators (2 or r	nore required)
Primary Indi	cators (minimum of o	one required; che	eck all that app	ly)			·	Water Ma	arks (B1) (Riveri i	ne)
Surface	Water (A1)	•	Salt Crus	st (B11)				•	t Deposits (B2) (F	•
	ater Table (A2)			ust (B12)				-	osits (B3) (Riveri	•
Saturati	, ,		X Aquatic I	, ,	es (B13)				Patterns (B10)	/
	/larks (B1) (Nonriver	ine)		n Sulfide O	, ,				on Water Table ((C2)
I —	nt Deposits (B2) (No			Rhizosphe		iving Ro	ots (C3)		k Surface (C7)	.02)
	posits (B3) (Nonrive			e of Reduce	_	-		•	Burrows (C8)	
	Soil Cracks (B6)	·····c)		ron Reduct	•	•	6)	•	n Visible on Aeria	al Imagery (C9)
	ion Visible on Aerial I	magery (R7)		ck Surface		2 00113 (0		•	Aquitard (D3)	ii iiilagery (00)
	Stained Leaves (B9)	magery (br)		xplain in Re	-			-	itral Test (D5)	
water-c	otaliled Leaves (D9)		Other (E	Apiaiii iii i K	ziliaiks)			i AC-Neu	itiai Test (D3)	
Field Obser										
Surface Water		es No_				_				
Water Table			X Depth (inc			_				
Saturation P		es No_	X Depth (inc	:hes):		_ Wetla	and Hydrology	Present?	? Yes <u>X</u>	_No
(includes cap		nougo monitorio	مسمال مصناما ا	hoton pre:	iouo inon-	tions\ if	ovoiloble: p/-			
Describe Rec	orded Data (stream o	gauge, monitorin	g well, aerial p	notos, prev	ious inspec	cuons), ii a	avaliable: n/a			
Remarks: Alt	hough no surface wa	iter was present	at the time of t	he delineati	ion, the pre	sence of	surface soil cra	acks and ir	mmature fairy sh	rimp indicate
	oonds water and sup				, ,				,	·

Project/Site: Southwest Village Specific Plan		City/Coun	nty: <u>San Dieg</u>	o, CA Sampling Date: March 29, 2019
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 121
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:	32.55460		Long: -117.02333 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map si	nowing sa	mpling poli	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	_No	_ 1-41	0 1 1	A
Hydric Soil Present? Yes X	No		he Sampled nin a Wetlan	YAS X NO
Wetland Hydrology Present? Yes X	No	_ """	iiii a vvotiaii	u.
Remarks: The majority of the vegetation on the site has	as been dist	urbed due to	past land use	es. This feature was sampled during the growing season and
meets the wetland criteria.		·	•	, , ,
VEGETATION – Use scientific names of plants		Daminant	la di a atau	Dominance Test worksheet:
Tree Stratum (Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	
1. none				Number of Dominant Species That Are OBL, FACW, or FAC:4(A)
2.				Total Number of Dominant
3.				Species Across All Strata:6 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC: 67 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. <u>none</u>				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species1 x 1 =1
4				FACW species 3 x 2 = 6
5				FACU species 2 x 4 = 8
Herb Stratum (Plot size:)		= Total Cove	er	FACU species 2 x 4 = 8 UPL species 0 x 5 = 0
1. Plagiobothrys acanthocarpus	1	Y	OBL	Column Totals: 7 (A) 18 (B)
Plantago elongata	2	Y	FACW	(3)
3. Lepidium nitidum	1	Y	FAC	Prevalence Index = B/A = 2.6
4. Hordeum murinum	1	Y	FACU	Hydrophytic Vegetation Indicators:
5. Spergularia bocconi	1	Y	FACW	X Dominance Test is >50%
6. Festuca myuros	1	Υ	FACU	X Prevalence Index is ≤3.0¹
7.				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	7	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:				
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
N/ Para Construction Hart Objections 00 00 0/ Oc		0		Vegetation
	over of Biotic			Present? Yes X No
Remarks: Sample area is a vernal pool that receives runned amountably of hydrophytic vegetation, it does suppo				e-watershed. In addition to the vernal pool consisting es (Plagiobothrys acanthocarpus and Plantago elongata).
Leaf litter is present in basin.	L INO VEIIIGI	Poor Prant INC	aloator specifi	o (i ragiopouriya acaminocarpua anu Mantayo elongala).

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			edox Featu	1100		_	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
)-4	10YR 3/2	100					sandy clay	no redox
-18	10YR 4/2	100					sandy clay	no redox
							January Sidy	
								
	-						-	-
Type: C=Co	oncentration, D=Depletion	n, RM=Reduc	ed Matrix, CS=Covere	d or Coated	Sand Grain	s. ² l	Location: PL=Pore	e Lining, RC=Root Channel, M=Matrix.
lydric Soi	il Indicators: (Applic	able to all L	RRs, unless other	wise note	ed.)		Indicators	for Problematic Hydric Soils ³ :
Histoso	ol (A1)		Sandy I	Redox (S5))		1 cm M	uck (A9) (LRR C)
Histic E	Epipedon (A2)		Stripped	d Matrix (S	6)		2 cm M	uck (A10) (LRR B)
Black H	Histic (A3)		Loamy	Mucky Min	eral (F1)			d Vertic (F18)
Hydrog	gen Sulfide (A4)		Loamy	Gleyed Ma	atrix (F2)		Red Pa	rent Material (TF2)
Stratifie	ed Layers (A5) (LRR	C)	Deplete	d Matrix (F	- 3)		Other (I	Explain in Remarks)
1 cm M	luck (A9) (LRR D)		Redox I	Dark Surfa	ce (F6)			
	ed Below Dark Surfa	ce (A11)		d Dark Su	` '			
	Dark Surface (A12)			Depressior	ns (F8)			of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal I	Pools (F9)				hydrology must be present,
Sandy	Gleyed Matrix (S4)						unless o	listurbed or problematic.
Restrictive	Layer (if present):							
Type:								
							1	
vetland hyd	No redox features ob	s a vernal po	ool that is seasonally	y ponded a	and may la			
Remarks: N vetland hyd onditions, o	No redox features ob drology. This feature or other factors, whic	s a vernal po	ool that is seasonally	y ponded a	and may la		due to strong i	ndicators of hydrophytic vegetation and
Remarks: Novetland hydronditions, of	No redox features ob drology. This feature or other factors, whic	s a vernal po h may includ	ool that is seasonally	y ponded a	and may la		c due to strong i	ndicators of hydrophytic vegetation and le to limited saturation depth, saline
Remarks: Novetland hydronditions, of the VDROLO Wetland H	No redox features ob drology. This feature or other factors, which	s a vernal po h may includ	ool that is seasonall e human-caused di	y ponded a sturbance.	and may la		c due to strong i soil indicators du	ndicators of hydrophytic vegetation and le to limited saturation depth, saline
Remarks: Netland hydeonditions, of the Value	No redox features ob- drology. This feature is or other factors, which GY lydrology Indicators dicators (minimum of	s a vernal po h may includ	ool that is seasonalle e human-caused di	y ponded a sturbance.	and may la		c due to strong is soil indicators du	ondary Indicators (2 or more required Water Marks (B1) (Riverine)
Remarks: Netland hydronditions, of the conditions, of the conditions of the conditio	No redox features ob- drology. This feature or other factors, whice GY ydrology Indicators dicators (minimum of e Water (A1)	s a vernal po h may includ	ool that is seasonalle human-caused di	y ponded a sturbance.	and may la		c due to strong is soil indicators du	ndicators of hydrophytic vegetation and le to limited saturation depth, saline ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Remarks: Novetland hydronditions, of the conditions of the conditi	No redox features ob- drology. This feature is or other factors, whice GY ydrology Indicators dicators (minimum of e Water (A1) ydrer Table (A2)	s a vernal po h may includ	ool that is seasonalle human-caused di	y ponded a sturbance. (y) st (B11) ust (B12)	and may la		s due to strong is soil indicators du	ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Remarks: Novetland hydronditions, of the conditions, of the conditions of the condit	No redox features ob- drology. This feature is or other factors, which GY Vydrology Indicators dicators (minimum of the Water (A1) Vater Table (A2) tion (A3)	s a vernal po h may includ	ool that is seasonalle human-caused di	y ponded a sturbance. ly) st (B11) ust (B12) nvertebrat	es (B13)		s due to strong is soil indicators du	ndicators of hydrophytic vegetation and le to limited saturation depth, saline ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
YDROLO Wetland H Primary Inc Surface High W Saturat Water	GY No redox features obtrology. This feature for other factors, which will be a second or other factors, which will be a second of the factors (minimum of the Water (A1)) Vater Table (A2) tion (A3) Marks (B1) (Nonrive	s a vernal po h may includ s: one required	e human-caused di l; check all that app Salt Crus X Biotic Cr X Aquatic I Hydroge	y ponded a sturbance. by) st (B11) ust (B12) nvertebrat n Sulfide C	es (B13)	ck hydric s	s due to strong is soil indicators du	ndicators of hydrophytic vegetation and the to limited saturation depth, saline ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
YDROLO Wetland H Primary Inc Surface High W Saturat Water Sedime	GY lydrology Indicators dicators (minimum of e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No	s a vernal pont included in may included in may included in may include in may in	e human-caused di e; check all that app Salt Crus X Biotic Cru X Aquatic I Hydroge Oxidized	y ponded a sturbance. (y) st (B11) ust (B12) nvertebrat n Sulfide C Rhizospho	es (B13) Odor (C1) eres along	ck hydric s	Sec Sec Sec Sec Sec Sec Sec Sec	ondicators of hydrophytic vegetation and the to limited saturation depth, saline ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
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Primary Inc. Surface High W Saturat Water Sedime Drift De X Surface Inunda Water- Field Obser Surface Water Table Saturation Fincludes ca	No redox features ob- drology. This feature is or other factors, which will be a considered or other factors (minimum of the will be a considered or other factors (Manual Marks (B1) (Nonrive et al. (B2) (Nonrive et al. (B3) (Nonriv	s a vernal point h may include h may be rine) Imagery (B7 Yes Yes gauge, monitater was present the may include here.	icheck all that app I; check all that app Salt Crus X Biotic Cru X Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E	y ponded a sturbance. (y) st (B11) ust (B12) nvertebrat n Sulfide C Rhizosphe e of Reduct con Reduct ck Surface xplain in R ches): hes): notos, prev	es (B13) Odor (C1) eres along ed Iron (C4 tion in Tille (C7) emarks)	Living Roo I) d Soils (Co Wetla	sidue to strong in soil indicators du series (C3) ots (C3) ond Hydrology available: n/a	ondicators of hydrophytic vegetation and le to limited saturation depth, saline ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
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Project/Site: Southwest Village Specific Plan		City/County: San Diego	o, CA	Sampling Date: March 29, 2019		
Applicant/Owner: Pardee Homes	pplicant/Owner: Pardee Homes					
Investigator(s): Beth Procsal, JR Sundberg		Section, Township, Ra	ange: Section 31, T18S F	- R01W		
Landform (hillslope, terrace, etc.): mesa top		Local relief (concave,	convex, none): concave	Slope (%): 0-2		
Subregion (LRR): LRR-C	Lat:	 32.558565	Long: -117.018741	Datum: NAD83		
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent	slopes		NWI classificatio	n: Freshwater Emergent Wetland		
Are climatic / hydrologic conditions on the site typical for			<u></u>	Remarks.)		
Are Vegetation X, Soil , or Hydrology	signif	cantly disturbed? Yes A	 Are "Normal Circumstance	s" present? Yes X No		
Are Vegetation Soil , or Hydrology						
SUMMARY OF FINDINGS – Attach site map s	showing sa	mpling point locations	, transects, important	t features, etc.		
Hydrophytic Vegetation Present? Yes		Is the Sampled A	Araa			
Hydric Soil Present? Yes		— within a Wetland	YAC	NoX		
Wetland Hydrology Present? Yes X	No	_				
does not meet the wetland criteria. VEGETATION – Use scientific names of plant						
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Indicator Species? Status	Dominance Test works			
1. none	70 00001	Openios: Otatas	Number of Dominant Sp That Are OBL, FACW, o			
2.			Total Number of Domina	ant		
3.			Species Across All Strate Percent of Dominant Spe	(D)		
4			That Are OBL, FACW, o			
Sopling/Shrub Stratum (Diot aiza:		= Total Cover		· · · ·		
Sapling/Shrub Stratum (Plot size:) 1. none)		Prevalence Index work	rshoot:		
2			Total % Cover of:	Multiply by:		
3			OBL species	x 1 =		
			FACW species			
5.			FAC species	x 3 =		
		= Total Cover	FACU species	x 4 =		
Herb Stratum (Plot size:)			UPL species	x 5 =		
1. none			Column Totals:	(A)(B)		
2. 3.			Prevalence Index	x = B/A =		
4.			Hydrophytic Vegetation	n Indicators:		
5			Dominance Test is	s >50%		
6			Prevalence Index	is ≤3.0¹		
7. 8.				aptations¹ (Provide supporting ks or on a separate sheet)		
<u></u>		= Total Cover		ophytic Vegetation¹ (Explain)		
Woody Vine Stratum (Plot size:)		rotal Govor	i iobiematic riyure	phylic vegetation (Explain)		
1none			¹ Indicators of hydric soi be present, unless distu	il and wetland hydrology must		
2			' '	and or problematio.		
% Bare Ground in Herb Stratum % C	0 cover of Biotic	= Total Cover	Hydrophytic Vegetation Present? Ye	es No X		
Remarks: Sample area is a vernal pool that receives a vegetation cover insufficient (less than 5%) to be consi						

SOIL Sampling Point: 123 HCP3150

Depth (inches) Color (m	oist) %	Color	(moist)	%	res Type ¹	Loc ²	Texture		Remarks
		_			· <u> </u>			_	
Гуре: C=Concentration, D=	Depletion, RM=Re	educed Matrix,	CS=Covere	d or Coated	Sand Grain	s. ²	Location: PL=Po	re Lining, RC=Ro	oot Channel, M=Matrix.
ydric Soil Indicators:	(Applicable to a	all LRRs, un	less other	wise note	ed.)		Indicators	for Problema	tic Hydric Soils³:
Histosol (A1)		_		Redox (S5)				Muck (A9) (LRF	·
Histic Epipedon (A2)		_		l Matrix (S	,			Muck (A10) (LR	· ·
Black Histic (A3)	43	_		Mucky Min	, ,			ed Vertic (F18)	
Hydrogen Sulfide (A	•	_		Gleyed Ma				arent Material	,
Stratified Layers (A5)		_		d Matrix (F	,		Other	(Explain in Rer	narks)
1 cm Muck (A9) (LRI		_		Dark Surfa	` '				
Depleted Below Dark Thick Dark Surface (, ,	_		d Dark Su Depressior			3Indicators	of hydrophytic	vegetation and
Sandy Mucky Minera		_		Pools (F9)	15 (1-0)			d hydrology mu	
Sandy Macky Millera Sandy Gleyed Matrix		_	venian	0013 (1 3)				disturbed or pr	
estrictive Layer (if pre	sent):								
Type:									
				the hydrop	ohytic vege	tation star	Hydric Soil Pr		es No <u>X</u> and. Therefore, no soil pi
temarks: The sampled a ras dug and hydric soils				the hydrop	ohytic vege	tation star			
demarks: The sampled a vas dug and hydric soils	are not consider			the hydrop	ohytic vege	tation star	dard to be cor	nsidered a wetl	and. Therefore, no soil pi
Remarks: The sampled a vas dug and hydric soils YDROLOGY Wetland Hydrology Ind	are not consider	ed to be pre	sent.		ohytic vege	tation star	dard to be cor	nsidered a wetl	and. Therefore, no soil pi
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Remarks: The sampled a vas dug and hydric soils YDROLOGY Wetland Hydrology Ind Primary Indicators (minir Surface Water (A1) High Water Table (A Saturation (A3)	icators: num of one requ	ed to be pre	sent. all that appl Salt Crus Biotic Crus Aquatic I	y) it (B11) ust (B12) nvertebrat	es (B13)	tation star	dard to be cor	condary Indica Water Marks (Sediment Dep Drift Deposits Drainage Patt	and. Therefore, no soil pi ators (2 or more require B1) (Riverine) posits (B2) (Riverine) (B3) (Riverine) erns (B10)
Primary Indicators (Minir Surface Water Table (A Saturation (A3) Water Marks (B1) (N	icators: num of one requ 2)	ired; check a	sent. all that appl Salt Crus Biotic Cru Aquatic I Hydroger	y) .t (B11) .ust (B12) nvertebrat n Sulfide C	es (B13) Odor (C1)		dard to be cor	condary Indica Water Marks (Sediment Dep Drift Deposits Drainage Patt Dry-Season V	and. Therefore, no soil pi ators (2 or more require B1) (Riverine) cosits (B2) (Riverine) (B3) (Riverine) erns (B10) Vater Table (C2)
Primary Indicators (Main Marks) Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) (N Sediment Deposits (icators: num of one requ 2) lonriverine) B2) (Nonriverin	ired; check a	all that appl Salt Crus Biotic Cru Aquatic I Hydroger Oxidized	y) t (B11) ust (B12) nvertebrat n Sulfide C Rhizospho	es (B13) Odor (C1) eres along	Living Roo	dard to be cor	condary Indica Water Marks (Sediment Dep Drift Deposits Drainage Patt Dry-Season W	and. Therefore, no soil pi ators (2 or more require B1) (Riverine) posits (B2) (Riverine) (B3) (Riverine) erns (B10) Vater Table (C2) rface (C7)
PREMARKS: The sampled a was dug and hydric soils YDROLOGY Wetland Hydrology Ind Primary Indicators (mining Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) (N Sediment Deposits (B3) (I	icators: num of one requ 2) lonriverine) B2) (Nonriverine) Nonriverine)	ired; check a	all that appl Salt Crus Biotic Cru Aquatic I Hydroger Oxidized Presence	y) t (B11) ust (B12) nvertebrat n Sulfide C Rhizospho e of Reduc	es (B13) Odor (C1) eres along ced Iron (C	Living Roo	Second Se	condary Indica Water Marks (Sediment Dep Drift Deposits Drainage Patt Dry-Season W Thin Muck Su Crayfish Burro	and. Therefore, no soil pi ators (2 or more require B1) (Riverine) posits (B2) (Riverine) (B3) (Riverine) erns (B10) Vater Table (C2) rface (C7) pws (C8)
Primary Indicators (mining Surface Water Table (A Saturation (A3) Water Marks (B1) (N Sediment Deposits (B3) (I X Surface Soil Cracks	icators: num of one requ 2) conriverine) B2) (Nonriverine) Nonriverine) (B6)	ired; check a	all that appl Salt Crus Biotic Crus Aquatic I Hydrogel Oxidized Presence Recent Ir	y) st (B11) ust (B12) nvertebrate n Sulfide C Rhizospho e of Reduction	es (B13) Odor (C1) eres along eed Iron (Cotion in Tille	Living Roo	Second Se	condary Indica Water Marks (Sediment Dep Drift Deposits Drainage Patt Dry-Season V Thin Muck Su Crayfish Burro Saturation Vis	and. Therefore, no soil pi ators (2 or more require B1) (Riverine) posits (B2) (Riverine) (B3) (Riverine) erns (B10) Vater Table (C2) rface (C7) pws (C8) ible on Aerial Imagery (C
Primary Indicators (Minir Saturation (A3) Water Marks (B1) (Naturation (B3) Water Marks (B3) (INATION (B3) Water Sediment Deposits (B3) (INATION (B3) Water Soil Cracks Inundation Visible or	icators: num of one requ 2) lonriverine) B2) (Nonriverine) Nonriverine) (B6) n Aerial Imagery	ired; check a	all that appl Salt Crus Biotic Crus Aquatic I Hydroger Oxidized Presence Recent Ir	y) It (B11) Ist (B12) Invertebrate Sulfide C Rhizosphe of Reduct on Reduct k Surface	es (B13) Odor (C1) eres along sed Iron (C- tion in Tille (C7)	Living Roo	Second Se	condary Indica Water Marks (Sediment Dep Drift Deposits Drainage Patt Dry-Season V Thin Muck Su Crayfish Burro Saturation Vis Shallow Aquit	and. Therefore, no soil pi ators (2 or more require B1) (Riverine) posits (B2) (Riverine) (B3) (Riverine) erns (B10) Vater Table (C2) rface (C7) pws (C8) ible on Aerial Imagery (Card (D3)
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Primary Indicators (mining Surface Water Table (A Saturation (A3) Water Marks (B1) (N Sediment Deposits (B3) (I X Surface Soil Cracks Inundation Visible or Water-Stained Leave Field Observations:	icators: num of one requ 2) lonriverine) B2) (Nonriverine) Nonriverine) (B6) n Aerial Imagery les (B9)	ired; check a	all that appl Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc	y) It (B11) Ist (B12) Invertebrate In Sulfide C Rhizosphe In Reduct In	es (B13) Odor (C1) eres along sed Iron (C- tion in Tille (C7)	Living Roo	Second Se	condary Indica Water Marks (Sediment Dep Drift Deposits Drainage Patt Dry-Season V Thin Muck Su Crayfish Burro Saturation Vis Shallow Aquit	and. Therefore, no soil pi ators (2 or more require B1) (Riverine) posits (B2) (Riverine) (B3) (Riverine) erns (B10) Vater Table (C2) rface (C7) pws (C8) ible on Aerial Imagery (Card (D3)
Primary Indicators (mining Surface Water Table (A Saturation (A3) Water Marks (B1) (N Sediment Deposits (B3) (I X Surface Soil Cracks Inundation Visible or Water-Stained Leave Field Observations:	icators: num of one requ 2) lonriverine) B2) (Nonriverine) Nonriverine) (B6) n Aerial Imagery es (B9) Yes	ed to be president ired; check a XX e) (B7) (B7) (B7) X	all that appl Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) It (B11) Ist (B12) Invertebrate In Sulfide C Rhizosphe In Reduct In	es (B13) Odor (C1) eres along sed Iron (C- tion in Tille (C7)	Living Roo	Second Se	condary Indica Water Marks (Sediment Dep Drift Deposits Drainage Patt Dry-Season V Thin Muck Su Crayfish Burro Saturation Vis Shallow Aquit	and. Therefore, no soil pi ators (2 or more require B1) (Riverine) posits (B2) (Riverine) (B3) (Riverine) erns (B10) Vater Table (C2) rface (C7) pws (C8) ible on Aerial Imagery (Card (D3)
Primary Indicators (mining Surface Water Table Oracks Inundation Visible or Water Stained Leave Surface Water Present?	icators: num of one requ 2) ionriverine) B2) (Nonriverine) Nonriverine) (B6) Aerial Imagery es (B9) Yes Yes	ed to be president ired; check a	all that appl Salt Crus Biotic Crus Aquatic II Oxidized Presence Recent Ir Thin Muc Other (Ex	y) ust (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe of Reduct on Reduct ck Surface kplain in R	es (B13) Odor (C1) eres along sed Iron (C- tion in Tille (C7)	Living Roo 4) d Soils (Co	See	condary Indica Water Marks (Sediment Dep Drift Deposits Drainage Patt Dry-Season V Thin Muck Su Crayfish Burro Saturation Vis Shallow Aquit FAC-Neutral	and. Therefore, no soil pi ators (2 or more require B1) (Riverine) posits (B2) (Riverine) (B3) (Riverine) erns (B10) Vater Table (C2) rface (C7) pws (C8) ible on Aerial Imagery (Card (D3) Fest (D5)
Primary Indicators (mining Surface Water Table Oracks Inundation Visible or Water Staturation Present? Water Table Present? Remarks: The sampled a was dug and hydric soils Wetland Hydrology Ind Primary Indicators (mining Surface Water (A1) High Water Table (A) Saturation (A3) Water Marks (B1) (N) Sediment Deposits (B3) (I) X Surface Soil Cracks Inundation Visible or Water-Stained Leave Surface Water Present? Water Table Present?	icators: num of one requ 2) lonriverine) B2) (Nonriverine) Nonriverine) (B6) n Aerial Imagery es (B9) Yes	ed to be president ired; check a	all that appl Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) ust (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe of Reduct on Reduct ck Surface kplain in R	es (B13) Odor (C1) eres along sed Iron (C- tion in Tille (C7)	Living Roo 4) d Soils (Co	Second Se	condary Indica Water Marks (Sediment Dep Drift Deposits Drainage Patt Dry-Season V Thin Muck Su Crayfish Burro Saturation Vis Shallow Aquit FAC-Neutral	and. Therefore, no soil pi ators (2 or more require B1) (Riverine) cosits (B2) (Riverine) (B3) (Riverine) erns (B10) Vater Table (C2) rface (C7) ows (C8) ible on Aerial Imagery (Card (D3)
Primary Indicators (Minir Saturation (A3) Water Marks (B1) (Naturation (B3) Water Marks (B3) (INATION (B3) Water Sediment Deposits (B3) (INATION (B3) Water Soil Cracks Inundation Visible or	icators: num of one requ 2) ionriverine) B2) (Nonriverine) Nonriverine) (B6) Aerial Imagery es (B9) Yes Yes Yes Yes	ed to be president ired; check a with the control of the control o	sent. all that appl Salt Crus Biotic Cru Aquatic I Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) It (B11) Ist (B12) Invertebrate In Sulfide C Rhizosphe In Graduct In Sulfide C Rhizosphe In Graduct In Sulfide C Rhizosphe In Graduct In Sulfide C In Reduct In Sulfide C In Sulf	es (B13) Odor (C1) eres along ed Iron (C- tion in Tille (C7) emarks)	Living Roo 4) d Soils (Co	See	condary Indica Water Marks (Sediment Dep Drift Deposits Drainage Patt Dry-Season V Thin Muck Su Crayfish Burro Saturation Vis Shallow Aquit FAC-Neutral	and. Therefore, no soil pi ators (2 or more require B1) (Riverine) posits (B2) (Riverine) (B3) (Riverine) erns (B10) Vater Table (C2) rface (C7) pws (C8) ible on Aerial Imagery (Card (D3) Fest (D5)
Primary Indicators (mining Surface Water Table Oracks Inundation Visible or Water Table Capitle Observations: Surface Water (A1) High Water Table (A) Saturation (A3) Water Marks (B1) (N) Sediment Deposits (B3) (I) X Surface Soil Cracks Inundation Visible or Water-Stained Leave Surface Water Present? Water Table Present? Saturation Present? includes capillary fringe)	icators: num of one requ 2) ionriverine) B2) (Nonriverine) Nonriverine) (B6) Aerial Imagery es (B9) Yes Yes Yes Yes	ed to be president ired; check a with the control of the control o	sent. all that appl Salt Crus Biotic Cru Aquatic I Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) It (B11) Ist (B12) Invertebrate In Sulfide C Rhizosphe In Graduct In Sulfide C Rhizosphe In Graduct In Sulfide C Rhizosphe In Graduct In Sulfide C In Reduct In Sulfide C In Sulfide	es (B13) Odor (C1) eres along ed Iron (C- tion in Tille (C7) emarks)	Living Roo 4) d Soils (Co	See	condary Indica Water Marks (Sediment Dep Drift Deposits Drainage Patt Dry-Season V Thin Muck Su Crayfish Burro Saturation Vis Shallow Aquit FAC-Neutral	and. Therefore, no soil pictures (2 or more require B1) (Riverine) cosits (B2) (Riverine) (B3) (Riverine) cerns (B10) cerns (B10) cerns (C2) certace (C7) certace (C7) certace (C8) certace (C8) certace (D3) certace (D5)
Primary Indicators (mining Surface Water Table Oracks Inundation Visible or Water Table Present? X Surface Soil Cracks Inundation Visible or Water Stained Leave Field Observations: Surface Water Present? Saturation Present?	icators: num of one requ 2) lonriverine) B2) (Nonriverine) Nonriverine) (B6) n Aerial Imagery es (B9) Yes Yes Yes Yes Stream gauge, m	ed to be present at the	all that appl Salt Crus Biotic Crus Aquatic II Oxidized Presence Recent Ir Thin Muc Other (Ex	y) It (B11) Ist (B12) Invertebrate In Sulfide C Rhizospho In Green Reduct In Sulfide C	es (B13) Ddor (C1) eres along ced Iron (C- tion in Tille (C7) emarks)	Living Roo 4) d Soils (Co Wetla ctions), if a	sets (C3) available: n/a in water over t	condary Indica Water Marks (Sediment Dep Drift Deposits Drainage Patt Dry-Season V Thin Muck Su Crayfish Burro Saturation Vis Shallow Aquit FAC-Neutral	and. Therefore, no soil pi ators (2 or more require B1) (Riverine) posits (B2) (Riverine) (B3) (Riverine) erns (B10) Vater Table (C2) rface (C7) pws (C8) ible on Aerial Imagery (Card (D3) Test (D5)
Primary Indicators (mining Surface Water Table Oracks Inundation Visible or Water Table Capitale Oracks Inundation Visible or Water Table Present? Field Observations: Surface Water Present? Saturation Present?	icators: num of one requ 2) lonriverine) B2) (Nonriverine) (Nonriverine	ed to be present at the the evidence	all that appl Salt Crus Biotic Crus Biotic Crus Aquatic II Hydrogei Oxidized Presence Recent Ir Thin Muc Other (Ex	y) It (B11) Ist (B12) Invertebrate In Sulfide Control Rhizospho In Reduct In Reduct In Sulfide Control In Reduct In Reduct	es (B13) Odor (C1) eres along ced Iron (C- tion in Tille (C7) emarks) vious inspe	Living Roo 4) d Soils (Co Wetla ctions), if a	service of the supports of the support of the suppo	condary Indica Water Marks (Sediment Dep Drift Deposits Drainage Patt Dry-Season V Thin Muck Su Crayfish Burro Saturation Vis Shallow Aquit FAC-Neutral	and. Therefore, no soil particles (2 or more requirement) (B1) (Riverine) (B3) (Riverine) (B3) (Riverine) (B3) (Riverine) (B4) (C2) (B4) (B5) (C4) (B5) (B6) (B6) (B7) (B7) (B7) (B7) (B7) (B7) (B7) (B7

Project/Site: Southwest Village Specific Plan		City/Coun	ty: San Dieg	o, CA Sampling Date: March 29, 2019
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 124
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top			•	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3		•	Long: -117.01868 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				
Are climatic / hydrologic conditions on the site typical for				
				Are "Normal Circumstances" present? Yes X No
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes X	_No	_ lo th	ne Sampled	Arno
Hydric Soil Present? Yes X	_No		nin a Wetlan	YAS X NO
Wetland Hydrology Present? Yes X	_No	_		
meets the wetland criteria. VEGETATION – Use scientific names of plants		arbed due to p	past land usc	s. This feature was sampled during the growing season and
To a Otratama (District	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species
2.				That Are OBL, FACW, or FAC:1(A) Total Number of Dominant
3				Species Across All Strata: 2 (B)
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 50 (A/B)
Sanling/Shrub Stratum / Dlot size:		= Total Cove	er	That / He OBE, 17(0), 0117(0)
Sapling/Shrub Stratum (Plot size:) 1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
2				OBL species 4 x 1 = 4
				FACW species 1 x 2 = 2
5.				FAC species 1 x 3 = 3
		= Total Cove	er	FACU species 7 x 4 = 28
Herb Stratum (Plot size:				UPL species0 x 5 =0
Plagiobothrys acanthocarpus	1	N	OBL	Column Totals:13(A)37(B)
2. Plantago elongata	1	N	FACW	Prevalence Index = B/A = 2.8
3. Lythrum hyssopifolia	3	Y	OBL	
4. Matricaria discoidea	1	N	FACU	Hydrophytic Vegetation Indicators:
5. Poa annua	1	N	FAC	Dominance Test is >50%
6. Hordeum murinum	1	N	FACU	X Prevalence Index is ≤3.0¹
7. Medicago polymorpha	1	N	FACU	Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
8. Bromus hordeaceus	4	Y	FACU	
Woody Vine Stratum (Plot size:)	13	= Total Cov	er er	Problematic Hydrophytic Vegetation¹ (Explain)
				The disease of headrings it and southern disease are record
1. <u>none</u> 2.				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2		= Total Cove		Harley about
% Bare Ground in Herb Stratum 87 % Co	ver of Biotic		51	Hydrophytic Vegetation Present? Yes X No
			II logal weller	
Remarks: Sample area is a vernal pool that receives ru predominately of hydrophytic vegetation, it does suppor Leaf litter is present in basin.				-watershed. In addition to the vernal pool consisting is (Plagiobothrys acanthocarpus and Plantago elongata).

		•				.Ommini t	he absence of	mulcators.)
Depth (inches)	Matrix Color (moist)		Color (moist)	dox Featu	Type ¹	Loc ²	- Texture	Remarks
0-12	10YR 4/2		R 4/6	2		M		Remains
0-12	1011(4/2	90 101	17 4/0			IVI	sandy clay	<u> </u>
	ncentration, D=Depletion,					. 2		e Lining, RC=Root Channel, M=Matrix.
-	I Indicators: (Applicat	ole to all LRRs			d.)			for Problematic Hydric Soils ³ :
Histoso				edox (S5)	• •			luck (A9) (LRR C)
_	pipedon (A2)			Matrix (So	•			luck (A10) (LRR B) ed Vertic (F18)
	listic (A3) en Sulfide (A4)			Mucky Mine Bleyed Mat				arent Material (TF2)
	ed Layers (A5) (LRR C)	1	X Depleted	-	. ,			Explain in Remarks)
	uck (A9) (LRR D)			ark Surfac	,			zapiam in remaine)
	ed Below Dark Surface	(A11)		d Dark Sur	` '			
	ark Surface (A12)	, ,		epression			³ Indicators of	of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal P	ools (F9)			wetland	hydrology must be present,
Sandy 0	Gleyed Matrix (S4)						unless o	disturbed or problematic.
Restrictive	Layer (if present):							
Type: sh	ovel refusal							
Depth (inc	hes): <u>12</u>						Hydric Soil Pre	esent? Yes X No No
Remarks: in	nclusions of black organ	nic material: re	dox features obs	served			I	
	3	,						
HYDROLOG	GY							
	ydrology Indicators:						Sec	ondary Indicators (2 or more required)
-	icators (minimum of or	ne required: ch	eck all that apply	/)				Water Marks (B1) (Riverine)
	e Water (A1)		Salt Crust	•				Sediment Deposits (B2) (Riverine)
	ater Table (A2)		Biotic Cru					Drift Deposits (B3) (Riverine)
	ion (A3)		X Aquatic In		es (B13)			Drainage Patterns (B10)
	Marks (B1) (Nonriveri r	ne)		Sulfide O				Dry-Season Water Table (C2)
	ent Deposits (B2) (Non	•			res along L	ivina Ro		Thin Muck Surface (C7)
	eposits (B3) (Nonriveri				ed Iron (C4)	-		Crayfish Burrows (C8)
		-,			on in Tilled			Saturation Visible on Aerial Imagery (C9)
X Surface Soil Cracks (B6)			Thin Muck			(-		Shallow Aquitard (D3)
		nadery (B/)						
Inundat	tion Visible on Aerial Im Stained Leaves (B9)	nagery (B7)		plain in Re	emarks)			FAC-Neutral Test (D5)
Inundat	tion Visible on Aerial Im Stained Leaves (B9)	nagery (B7)		plain in Re	emarks)			FAC-Neutral Test (D5)
Inundat Water-S Field Obser	tion Visible on Aerial In Stained Leaves (B9) vations:		Other (Ex	-				FAC-Neutral Test (D5)
Inundat Water-S Field Obser Surface Wat	tion Visible on Aerial Im Stained Leaves (B9) vations: ter Present? Ye	sNo_	Other (Ex X Depth (inch	nes):	· ·	_		FAC-Neutral Test (D5)
Inundat Water-S Field Obser Surface Wat Water Table	tion Visible on Aerial Im Stained Leaves (B9) vations: ter Present? Ye Present? Ye	s No_ s No	Other (Ex X Depth (inch X Depth (inch	nes):		- Wotla		
Inundat Water-S Field Obser Surface Wat Water Table Saturation P	tion Visible on Aerial Im Stained Leaves (B9) rvations: ter Present? Present? Ye Present? Ye	s No_ s No	Other (Ex X Depth (inch	nes):		_ _ _ Wetla	and Hydrology	
Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes ca)	tion Visible on Aerial Im Stained Leaves (B9) vations: ter Present? Ye Present? Ye	s No_s No_	X Depth (inch X Depth (inch X Depth (inch	nes): nes):			ind Hydrology	
Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes ca)	tion Visible on Aerial Im Stained Leaves (B9) vations: ter Present? Present? Ye Present? Ye pillary fringe)	s No_s No_	X Depth (inch X Depth (inch X Depth (inch	nes): nes):			ind Hydrology	
Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Rec	tion Visible on Aerial Im Stained Leaves (B9) vations: ter Present? Ye Present? Ye Present? Ye pillary fringe) corded Data (stream ga	s No_s No_s No_auge, monitorin	Other (Ex X Depth (inch X Depth (inch X Depth (inch g well, aerial ph	nes): nes): nes):	ous inspec	tions), if a	and Hydrology available: n/a	Present? Yes X No
Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Rec	tion Visible on Aerial Im Stained Leaves (B9) vations: ter Present? Ye Present? Ye Present? Ye pillary fringe) corded Data (stream ga	s No_s No_auge, monitorin	X Depth (inch X Depth (inch X Depth (inch g well, aerial ph at the time of th	nes): nes): nes):	ous inspec	tions), if a	and Hydrology available: n/a	
Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Rec	tion Visible on Aerial Im Stained Leaves (B9) vations: ter Present? Ye Present? Ye Present? Ye pillary fringe) corded Data (stream ga	s No_s No_auge, monitorin	X Depth (inch X Depth (inch X Depth (inch g well, aerial ph at the time of th	nes): nes): nes):	ous inspec	tions), if a	and Hydrology available: n/a	Present? Yes X No
Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Rec	tion Visible on Aerial Im Stained Leaves (B9) vations: ter Present? Ye Present? Ye Present? Ye pillary fringe) corded Data (stream ga	s No_s No_auge, monitorin	X Depth (inch X Depth (inch X Depth (inch g well, aerial ph at the time of th	nes): nes): nes):	ous inspec	tions), if a	and Hydrology available: n/a	Present? Yes X No

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA	_Sampling Date:	March 29, 2019
Applicant/Owner: Pardee Homes				State: CA	_Sampling Point:	125
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S I	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slop	e (%): <u>0-2</u>
Subregion (LRR): LRR-C	Lat:	32.55439		Long: -117.02278	Datun	n: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl	opes			NWI classification		
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ed? Yes	Are "Normal Circumstance	es" present? Yes	X No
Are Vegetation Soil X, or Hydrology						
SUMMARY OF FINDINGS – Attach site map sh	lowing sa	inpling poli	nt locations	s, transects, importan	t leatures, etc.	
Hydrophytic Vegetation Present? Yes X	No	_	h a Camandad	A		
Hydric Soil Present? Yes X	No		he Sampled . hin a Wetland	Yes	X No	
Wetland Hydrology Present? Yes X	No	_ ****	iiii a vvotiaii	u .		
Remarks: The majority of the vegetation on the site ha	s been dist	urbed due to	past land use	s. This feature was sampl	ed during the grov	wing season and
meets the wetland criteria.			•	'	3 3	3
VEGETATION – Use scientific names of plants						
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works		
1. none		Орсоюз:		Number of Dominant Sp That Are OBL, FACW, of		6 (A)
2.				Total Number of Domina		<u> </u>
3.				Species Across All Stra		6 (B)
4.				Percent of Dominant Sp		. ,
		= Total Cove	er	That Are OBL, FACW, o	or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1none				Prevalence Index worl	ksheet:	
2.				Total % Cover of:	Multip	ıly by:
3.				OBL species	x 1 =	
4.				FACW species	x 2 =	
5.				FAC species	x 3 =	
		= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Lepidium latipes	1	Y	FACW	Column Totals:	(A)	(B)
2. Lepidium nitidum	1	Y	FAC	Prevalence Inde	ex = B/A =	
3. Spergularia bocconi	1	Y	FACW			
4. Plantago elongata	1	Y	FACW	Hydrophytic Vegetation	n Indicators:	
5. Psilocarphus brevissimus	1	Y	FACW	_X Dominance Test	is >50%	
6. Lythrum hyssopifolia	1	Y	OBL	Prevalence Index	: is ≤3.0¹	
7				Morphological Ad		
8					ks or on a separa	,
March March Object vive (District	6	= Total Cov	/er	Problematic Hydr	ophytic Vegetatio	n¹ (Explain)
Woody Vine Stratum (Plot size:)				4		
1. none				¹ Indicators of hydric so be present, unless dist		
2				be present, unless dist	— Problem	-
		= Total Cove	er	Hydrophytic		
% Bare Ground in Herb Stratum94	ver of Biotic	Crust		Vegetation Present?	esXNo)
Remarks: Sample area is a vernal pool that receives ru						
predominately of hydrophytic vegetation, it does support litter is present in basin.	two vernal	pool plant ind	dicator specie	es (Plantago elongata and	Psilocarphus brev	vissimus). Leaf
inter is present in pasin.						

Depth	Mat		n needed to docum R	edox Feat		ommin t	מטפרווטפי	oi muicators.)	
(inches)	Color (moist) %	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks
0-1	10YR 5/3	100					sandy loan	no redox	
1-5	7.5 YR 4/3	100					clay	no redox	
5-18	10YR 4/3	100					sandy clay	no redox	
	_						_		
	_						_		
-				-					
	_								
17		Intina DM-Dado			1010	2		DO-D	t Ob I M-M-t-i
			ced Matrix, CS=Covere						oot Channel, M=Matrix. tic Hydric Soils³:
•	ol (A1)	pilicable to all	,	Redox (S5	•			Muck (A9) (LRF	•
	Epipedon (A2)			d Matrix (S	•			Muck (A10) (LF	·
	Histic (A3)			Mucky Mir	,			ced Vertic (F18	,
Hydro	gen Sulfide (A4)		Loamy	Gleyed Ma	atrix (F2)			Parent Material	
Stratifi	ied Layers (A5) (L	RR C)	Deplete	ed Matrix (l	F3)		X Othe	r (Explain in Rer	marks)
	Muck (A9) (LRR D	•		Dark Surfa	` '				
	ted Below Dark Su				ırface (F7)		31 11 1		
	Dark Surface (A12	•		Depressio				s of hydrophytic	•
	[,] Mucky Mineral (S [,] Gleyed Matrix (S	,	vemai	Pools (F9)				nd hydrology mu s disturbed or pr	
							1	- шотапоса от р	
Type:	e Layer (if presen	y.							
Depth (in	nches):						Hydric Soil F	Present? Ye	es X No
conditions,	or other factors, v		de human-caused d				- Indicatore		aturation depth, saline
HYDROLO									
	Hydrology Indica						<u>S</u>		ators (2 or more required
	•	n of one require	d; check all that app					_	(B1) (Riverine)
	ce Water (A1)		Salt Crus	. ,			_		posits (B2) (Riverine)
•	Water Table (A2)		X Biotic Cr		(D40)				(B3) (Riverine)
	ation (A3)	d	 ·	nvertebra	, ,		_	_ Drainage Patt	
	Marks (B1) (Non			n Sulfide (ivina Da	-ta (C3)		Vater Table (C2)
	nent Deposits (B2) Deposits (B3) (No n			•	eres along Loced Iron (C4)	-	ols (C3)	Thin Muck Su Crayfish Burro	
	ce Soil Cracks (B6	•			tion in Tilled		6)	_	sible on Aerial Imagery (C9
	ation Visible on Ae			ck Surface		Solis (C	·) —	_ Saturation vis Shallow Aquit	• • • •
	-Stained Leaves (· -	xplain in F	. ,		_	FAC-Neutral	
Field Obse	arvations:	, , , , , , , , , , , , , , , , , , ,						_	
	ater Present?	Yes	No X Depth (inc	ches):					
	le Present?		No X Depth (inc			-			
Saturation			No X Depth (inc			- Wetla	and Hydrolog	y Present?	Yes X No
	apillary fringe)								
Describe Re	ecorded Data (stre	am gauge, mor	nitoring well, aerial p	hotos, pre	vious inspect	ions), if	available: n/a	ı	
Remarks: A	Although no surfac	e water was nre	esent at the time of t	he delinea	tion evidence	e of hiot	ic crusts indic	ate that the area	a ponds water and supports
wetland hyd		c water was pro	Some at the time of t	no delinea	ilion, cvideno	C OI DIOL	ic crusts iriaic	ate that the area	a portas water and support
-									

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA	_Sampling Date: M	farch 29, 2019
Applicant/Owner: Pardee Homes				State: CA	_Sampling Point: 1	26
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave	Slope	(%): 0-2
Subregion (LRR): LRR-C	Lat: 3	 32.55439119	030	Long: -117.0228173020	Datum:	NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification		
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology			-			X No
Are Vegetation , Soil , or Hydrology	 natura	ally problema	tic? Yes	(If needed, explain any ans	swers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poli	nt locations	s, transects, importan	t reatures, etc.	
Hydrophytic Vegetation Present? Yes	No X	_ 1-41	0 1 1	A		
Hydric Soil Present? Yes	No X	is u	ne Sampled . nin a Wetland	YAC	NoX	_
Wetland Hydrology Present? Yes X	_No	_ """	iii a rrouan	u :		
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	s. This feature was sample	ed during the growing	ng season and
does not meet the wetland criteria.		·	•	·	0 0	
VEGETATION – Use scientific names of plants		Daminant	lu di a atau	Dominance Test works	ahaati	
Tree Stratum (Plot size:	Absolute % Cover	Dominant Species?	Indicator Status			
1. none				Number of Dominant Sp That Are OBL, FACW, of		(A)
2.				Total Number of Domina		``
3.				Species Across All Strat		(B)
4				Percent of Dominant Sp		(A/B)
		= Total Cove	er	That Are OBL, FACW, o) FAC	(A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index work		
2				Total % Cover of:	Multiply	
3.				OBL species	x 1 =	
4				FACW species		
5		- Total Cause		FAC species FACU species		
Herb Stratum (Plot size:)		= Total Cove	31	UPL species	x 5 =	
1. Spergularia bocconi	1	Υ	FACW	Column Totals:	(A)	(B)
2. Lepidium nitidum	1	Y	FAC			` ′
3. Lepidium latipes	1	Y	FACW	Prevalence Inde	ex = B/A =	
4.				Hydrophytic Vegetatio	on Indicators:	
5.				Dominance Test i		
6.				Prevalence Index	a is ≤3.0¹	
7.				Morphological Ad	laptations¹ (Provide	supporting
8.					ks or on a separate	
	3	= Total Cov	/er	Problematic Hydr	ophytic Vegetation ¹	(Explain)
Woody Vine Stratum (Plot size:)						
1. none				¹ Indicators of hydric so		
2.				be present, unless dist	urbed or problemati	C.
		= Total Cove	er	Hydrophytic		
9/ Para Cround in Harb Stratum 07 9/ Co	vor of Piotio	Cruet		Vegetation Present?	oo No	_
	ver of Biotic	-			esNo_	X
Remarks: Sample feature receives runoff from a relativinsufficient (less than 5%) to be considered hydrophytic.		cal micro-wate	ershed. Samp	pled during the growing se	ason, but vegetatior	1 cover

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ıres				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks	
_	_		_						
							-		
¹ Type: C=Con	centration, D=Depletion,	RM=Reduced	Matrix, CS=Covered	or Coated	Sand Grains	s. ² l	Location: PL=Po	ore Lining, RC=Root Channel, M=Matrix	ζ.
Hydric Soil	Indicators: (Applica	ble to all LR	Rs. unless otherv	vise note	d.)			s for Problematic Hydric Soils ³ :	
Histosol				edox (S5)				Muck (A9) (LRR C)	
	oipedon (A2)			Matrix (S				Muck (A10) (LRR B)	
Black Hi				lucky Min	-			ced Vertic (F18)	
	` '			-					
	n Sulfide (A4)	`		Bleyed Ma				Parent Material (TF2)	
	Layers (A5) (LRR C)		I Matrix (F	,		Otner	(Explain in Remarks)	
	ick (A9) (LRR D)	(4.4.4)		ark Surfa	` '				
	Below Dark Surface	(A11)			rface (F7)		2		
	ark Surface (A12)			epressior	ıs (F8)			s of hydrophytic vegetation and	
	lucky Mineral (S1)		Vernal P	ools (F9)				nd hydrology must be present,	
Sandy G	Sleyed Matrix (S4)						unless	s disturbed or problematic.	
Restrictive L	ayer (if present):								
Type:	,								
	2001		_				Uvdria Sail D	brocent? Ves No	V
Depth (inch	ies).		_				Hydric Soil P	resent? Yes No _	<u>X</u>
HYDROLOG	SY								
	drology Indicators:						Se	econdary Indicators (2 or more re	equired)
_	cators (minimum of o	no roquirod:	chack all that apply	٨			<u> </u>	Water Marks (B1) (Riverine)	<u>oquii cu</u>
	•	ne required, i						• ' ' '	,
	Water (A1)		Salt Crust					_Sediment Deposits (B2) (Riverin	e)
High Wa	ater Table (A2)		Biotic Cru	st (B12)				_Drift Deposits (B3) (Riverine)	
Saturation	` '		Aquatic In	vertebrat	es (B13)			_ Drainage Patterns (B10)	
Water M	larks (B1) (Nonriveri	ne)	Hydrogen	Sulfide C	Odor (C1)			Dry-Season Water Table (C2)	
	nt Deposits (B2) (Nor		Oxidized I	Rhizosphe	eres along	Living Roo	ots (C3)	Thin Muck Surface (C7)	
	oosits (B3) (Nonriver	•			ed Iron (C4	_	` '	Crayfish Burrows (C8)	
	Soil Cracks (B6)	,			tion in Tilled	,	3)	Saturation Visible on Aerial Imag	ery (C9)
	on Visible on Aerial Ir	magany (R7)	Thin Muck			20010 (00		-	019 (00)
		nagery (b7)			, ,			_ Shallow Aquitard (D3)	
vvater-S	tained Leaves (B9)		Other (Ex	piain in R	emarks)			_FAC-Neutral Test (D5)	
Field Observ	/ations:								
Surface Water	er Present? Ye	es N	o X Depth (inch	nes):					
Water Table	Present? Ye		o X Depth (inch			_			
Saturation Pr			o X Depth (inch			— Wetla	nd Hydrolog	y Present? Yes X No	
(includes cap		N	O_X_Deptil (ilici			_ Wella	ila riyarolog	y Fresent: res_X_NO_	
	orded Data (stream g	auge monito	ring well aerial nh	otos prev	ious insped	ctions) if a	available: n/a		
Describe reco	oraca Data (otream g	augo, monito	ring wen, aenar pri	otos, prov	ious irispot	5ti0110), ii c	avanabio. Tra		
Remarks: Alth	nough no surface wat	er was nrese	ent at the time of the	e delinest	ion eviden	ce of surf	ace soil cracks	s observed	
itemarks. Aiu	lough no surface wat	er was prese	ant at the time of the	e delilieai	ion, eviden	ice or surre	ace soil cracks	s observed.	

Project/Site: Southwest Village Specific Plan		City/County: San D	iego, CA Sampling Date: March 29, 2019					
Applicant/Owner: Pardee Homes			State: CA Sampling Point: 127					
Investigator(s): Beth Procsal, JR Sundberg		Section, Township	o, Range: Section 31, T18S R01W					
Landform (hillslope, terrace, etc.): mesa top		Local relief (conca	ve, convex, none): concave Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat: 3	32.554533	Long: -117.023189 Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s			NWI classification: None					
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes X	No (If no, explain in Remarks.)					
			s Are "Normal Circumstances" present? Yes X No					
			(If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map sh								
Hydrophytic Vegetation Present? Yes								
Hydric Soil Present? Yes		is the Sample	YAS NO X					
Wetland Hydrology Present? Yes X	 No	— within a Wetl	and?					
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and does not meet the wetland criteria.								
VEGETATION – Use scientific names of plants	Absolute	Dominant Indicato	Dominance Test worksheet:					
Tree Stratum (Plot size:)	% Cover							
1. none			That Are OBL, FACW, or FAC:(A)					
2			Total Number of Dominant Species Across All Strata:					
			Percent of Dominant Species (B)					
T		= Total Cover	That Are OBL, FACW, or FAC:(A/B)					
Sapling/Shrub Stratum (Plot size:)		rotal Gover						
1. none			Prevalence Index worksheet:					
2.			Total % Cover of: Multiply by:					
3.			OBL species x 1 =					
4.			FACW species x 2 =					
5.			FAC species x 3 =					
		= Total Cover	FACU species x 4 =					
Herb Stratum (Plot size:)			UPL species x 5 =					
1. none			Column Totals: (A)(B)					
2. 3.			Prevalence Index = B/A =					
4.			Hydrophytic Vegetation Indicators:					
5.			Dominance Test is >50%					
6.			Prevalence Index is ≤3.0¹					
7. 8.			Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)					
J		= Total Cover	Problematic Hydrophytic Vegetation¹ (Explain)					
Woody Vine Stratum (Plot size:)		- Total Gover	Problematic Hydrophytic vegetation (Explain)					
1 none			¹ Indicators of hydric soil and wetland hydrology must					
			be present, unless disturbed or problematic.					
Z	0	= Total Cover	Hydrophytic					
% Bare Ground in Herb Stratum % Co	ver of Biotic		Vegetation Present? Yes No X					
			cro-watershed. Sampled during the growing season, but					
vegetation cover insufficient (less than 5%) to be consid								

Depth Martix Color (moist) %i Color (moist) %i Type* Loc* Texture Remarks	Profile Desc	cription: (Describe to	the depth nee	eded to docum	ent the ind	licator or	confirm t	he absen	ce of indica	ntors.)	
"Type: C=Concentration. D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. **Location: PL=Pore Liring, RC=Roor Channel, M=Matrix. Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Sandy Redox, (S5) Histos Eppedon (A2) Siraped Matrix (S6) Black Histis (A3) Loarny Mucky Mineral (F1) Sirafiafical Layers (A5) (LRR B) Reduced Vertic (F18) Red								_			
Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted.)	(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	Text	ure	Remarks	
Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted.)											
Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted.)											
Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted.)					· ——						
Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted.)											
Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted.)											
Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted.)											
Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted.)											
Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted.)					· ——						
Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted.)											
Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted.)											
Histosal (A1) Histosal (A2) Histosal (A2) Histosal (A2) Histosal (A2) Histosal (A3) Histosal (A12) Histos	¹ Type: C=Co	ncentration, D=Depletion	, RM=Reduced M	latrix, CS=Covere	d or Coated	Sand Grains	s. ²	Location: Pl	L=Pore Lining	, RC=Root Channel, M=	:Matrix.
Histic Epipedon (A2)	Hydric Soil	Indicators: (Applica	able to all LRR	s, unless othe	rwise noted	d.)		Indica	tors for Pro	oblematic Hydric So	ils³:
Black Histic (A3)	Histoso	l (A1)		Sandy	Redox (S5)			1	cm Muck (A	9) (LRR C)	
Hydrogen Sulfide (A4)	Histic E	pipedon (A2)		Strippe	d Matrix (S6	6)		2	cm Muck (A	10) (LRR B)	
Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Explain in Remarks) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes No X Remarks: The sampled area is unvegetated and does not meet the hydrophytic vegetation standard to be considered a wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Seature (B1) Norriverine) High Water Table (A2) Biotic Crust (B12) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Norriverine) Sediment Deposits (B2) (Norriverine) Oxidized Rhizospheres along Living Roots (C3) Dirth Deposits (B3) (Nonriverine) Prinary Indicators (S8) (Nonriverine) Prinary Indicators (Indicators	Black H	listic (A3)		Loamy	Mucky Mine	eral (F1)		Re	educed Vert	ic (F18)	
Term Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a	Hydroge	en Sulfide (A4)		Loamy	Gleyed Mat	rix (F2)		Re	ed Parent M	laterial (TF2)	
Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Remarks: The sampled area is unvegetated and does not meet the hydrophytic vegetation standard to be considered a wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Substitution (A3) Saturation (A3) Water Marks (B1) (Nonriverine) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drin Deposits (B2) (Nonriverine) Drin Deposits (B2) (Nonriverine) Drin Deposits (B2) (Nonriverine) Drin Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Surface Soll Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Surface Soll Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Saturation Fesent? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Water Table (Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches): Wetland Hy	Stratifie	d Layers (A5) (LRR 0	;)	Deplete	d Matrix (F	3)		Ot	ther (Explair	n in Remarks)	
Thick Dark Surface (A12)	1 cm M	uck (A9) (LRR D)		Redox	Dark Surfac	e (F6)					
Sandy Mucky Mineral (S1)	Deplete	d Below Dark Surface	e (A11)	Deplete	d Dark Sur	face (F7)					
Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes NoX Remarks: The sampled area is unvegetated and does not meet the hydrophytic vegetation standard to be considered a wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)	Thick D	ark Surface (A12)		Redox	Depression	s (F8)		³ Indica	ators of hydr	ophytic vegetation ar	ıd
Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes No _X Remarks: The sampled area is unvegetated and does not meet the hydrophytic vegetation standard to be considered a wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Soilic Crust (B12) Saturation (A3) X Aquatic Invertebrates (B13) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Riverine) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Dept	Sandy I	Mucky Mineral (S1)		Vernal	Pools (F9)			we	tland hydrol	logy must be present,	,
Type: Depth (inches): Hydric Soil Present? Yes No _X Remarks: The sampled area is unvegetated and does not meet the hydrophytic vegetation standard to be considered a wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. ### PAPOLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)	Sandy 0	Gleyed Matrix (S4)						unl	less disturbe	ed or problematic.	
Type: Depth (inches): Hydric Soil Present? Yes No _X Remarks: The sampled area is unvegetated and does not meet the hydrophytic vegetation standard to be considered a wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. ### PAPOLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)	Restrictive	Layer (if present):									
Depth (inches):	_	, , ,									
Remarks: The sampled area is unvegetated and does not meet the hydrophytic vegetation standard to be considered a wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY		:hes):						Hydric Sc	oil Present?	Yes	No X
Wetland Hydrology Indicators: Secondary Indicators (2 or more required)											
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Riverine) Saturation (A3) Water Marks (B1) (Riverine) Drift Deposits (B3) (Riverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Dry-Season Water Table (C2) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a					the hydropi	nytic veget	tation star	ndard to be	e considered	a wetland. Therefore	e, no soil pit
Wetland Hydrology Indicators: Secondary Indicators (2 or more required) Primary Indicators (minimum of one required; check all that apply) Water Marks (B1) (Riverine) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) High Water Table (A2) Biotic Crust (B12) Drift Deposits (B3) (Riverine) Saturation (A3) X Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Surface Soil Cracks (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Wetland Hydrology Present? Yes X No Colspan="2">	was dug and	a riyuric sons are not c	considered to be	e present.							
Wetland Hydrology Indicators: Secondary Indicators (2 or more required) Primary Indicators (minimum of one required; check all that apply) Water Marks (B1) (Riverine) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) High Water Table (A2) Biotic Crust (B12) Drift Deposits (B3) (Riverine) Saturation (A3) X Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Surface Soil Cracks (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Wetland Hydrology Present? Yes X No Colspan="2">											
Wetland Hydrology Indicators: Secondary Indicators (2 or more required) Primary Indicators (minimum of one required; check all that apply) Water Marks (B1) (Riverine) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) High Water Table (A2) Biotic Crust (B12) Drift Deposits (B3) (Riverine) Saturation (A3) X Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Surface Soil Cracks (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Wetland Hydrology Present? Yes X No Colspan="2">											
Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B3) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Draina	HYDROLOG	GY									
Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Salt Crust (B12) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B3) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Drainage Patterns (B10) Drainage Patterns (B10) Drainage Patterns (B10) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B2) (Nonriverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Dother (Explain in Remarks) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Wetland Hydrology Present? Yes X No Includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the pool did retain water over the rainy season and fairy shrimp surveys were conducted within this pool. Therefore, the presence of immature fairy shrimp indicate that the area supports wetland hydrology. Water table level	Wetland Hy	vdrology Indicators:							Secondar	y Indicators (2 or me	ore required)
Surface Water (A1)	1			eck all that app	lv)				Water	Marks (B1) (Riverine	<u>,</u>
High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B2) (Nonriverine) Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B2) (Nonriverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Thin Muck Surface (C7) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Saturation (C4) Saturation (C4) Saturation Visible on Aerial Imagery (C9) Saturation Visible on Aerial Imagery (,	1 /		• /						•
Saturation (A3) X Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Dep		` '									•
Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Wetland Hydrology Present? Yes X No (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the pool did retain water over the rainy season and fairy shrimp surveys were conducted within this pool. Therefore, the presence of immature fairy shrimp indicate that the area supports wetland hydrology. Water table level	l —	` '			, ,	e (B13)					U)
Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Field Observations: Surface Water Present? Yes No Depth (inches): Saturation Present? Y			ino\			` ,					·2/
Drift Deposits (B3) (Nonriverine)	l —		-				Listina Da	-4- (00)		•	,2)
Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Wetland Hydrology Present? Yes X No (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the pool did retain water over the rainy season and fairy shrimp surveys were conducted within this pool. Therefore, the presence of immature fairy shrimp indicate that the area supports wetland hydrology. Water table level	l —		-			_	_	ois (C3)			
Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Wetland Hydrology Present? Yes X No (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the pool did retain water over the rainy season and fairy shrimp surveys were conducted within this pool. Therefore, the presence of immature fairy shrimp indicate that the area supports wetland hydrology. Water table level		. , , ,	rine)			-		_,		` '	
Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes NoX Depth (inches): Water Table Present? Yes NoDepth (inches): Saturation Present? Yes NoDepth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the pool did retain water over the rainy season and fairy shrimp surveys were conducted within this pool. Therefore, the presence of immature fairy shrimp indicate that the area supports wetland hydrology. Water table level	ı —						d Soils (C	6)			Imagery (C9)
Field Observations: Surface Water Present? Yes NoX Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Wetland Hydrology Present? Yes XNo (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the pool did retain water over the rainy season and fairy shrimp surveys were conducted within this pool. Therefore, the presence of immature fairy shrimp indicate that the area supports wetland hydrology. Water table level	l ——		magery (B7)								
Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): (includes capillary fringe) Wetland Hydrology Present? Yes X No (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the pool did retain water over the rainy season and fairy shrimp surveys were conducted within this pool. Therefore, the presence of immature fairy shrimp indicate that the area supports wetland hydrology. Water table level	Water-S	Stained Leaves (B9)		Other (E	xplain in Re	emarks)			FAC-N	leutral Test (D5)	
Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the pool did retain water over the rainy season and fairy shrimp surveys were conducted within this pool. Therefore, the presence of immature fairy shrimp indicate that the area supports wetland hydrology. Water table level	Field Obser	vations:									
Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the pool did retain water over the rainy season and fairy shrimp surveys were conducted within this pool. Therefore, the presence of immature fairy shrimp indicate that the area supports wetland hydrology. Water table level	Surface Wat	ter Present? Y	es No	X Depth (inc	ches):						
Saturation Present? Yes No Depth (inches): Wetland Hydrology Present? Yes X No (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the pool did retain water over the rainy season and fairy shrimp surveys were conducted within this pool. Therefore, the presence of immature fairy shrimp indicate that the area supports wetland hydrology. Water table level	Water Table						_				
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the pool did retain water over the rainy season and fairy shrimp surveys were conducted within this pool. Therefore, the presence of immature fairy shrimp indicate that the area supports wetland hydrology. Water table level	Saturation P						— Wetla	and Hvdro	loav Prese	nt? Yes X	No
Remarks: Although no surface water was present at the time of the delineation, the pool did retain water over the rainy season and fairy shrimp surveys were conducted within this pool. Therefore, the presence of immature fairy shrimp indicate that the area supports wetland hydrology. Water table level	l .										
were conducted within this pool. Therefore, the presence of immature fairy shrimp indicate that the area supports wetland hydrology. Water table level											
were conducted within this pool. Therefore, the presence of immature fairy shrimp indicate that the area supports wetland hydrology. Water table level		(
were conducted within this pool. Therefore, the presence of immature fairy shrimp indicate that the area supports wetland hydrology. Water table level											
		•	•							•	
and saturation are not known as a soil pit was not dug.					iture fairy sh	nrimp indic	ate that th	ne area su	pports wetla	and hydrology. Water	table level
	anu saturatio	n are not known as a	son pit was not	uug.							

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA Sampling Date: March 29, 2019					
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 130					
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W					
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat: <u>3</u>	32.55577		Long: -117.02519 Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: None					
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	XNo	o(If no, explain in Remarks.)					
Are Vegetation X, Soil , or Hydrology _	signifi	cantly disturb	ped? Yes	Are "Normal Circumstances" present? Yes X No					
Are Vegetation, Soil, or Hydrology	natura	ally problema	tic? Yes ((If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poi	nt locations	s, transects, important features, etc.					
Hydrophytic Vegetation Present? Yes	No X								
Hydric Soil Present? Yes	No X		he Sampled <i>i</i> hin a Wetland	Yes No X					
Wetland Hydrology Present? Yes X	No		illi a vvetiali	u:					
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and does not meet the wetland criteria. VEGETATION – Use scientific names of plants.									
VEGETATION COO COLONIANO NAMES OF PRANTE	Absolute	Dominant	Indicator	Dominance Test worksheet:					
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species					
1. none				That Are OBL, FACW, or FAC: 2 (A)					
2. 3.				Total Number of Dominant Species Across All Strata: 4 (B)					
4.				Percent of Dominant Species					
Sapling/Shrub Stratum (Plot size:)		= Total Cove	er	That Are OBL, FACW, or FAC:50(A/B)					
1. none				Prevalence Index worksheet:					
2.				Total % Cover of: Multiply by:					
3.				OBL species 1 x 1 = 1					
4.				FACW species 1 x 2 = 2					
5.				FAC species 0 x 3 = 0					
		= Total Cove	er	FACU species4 x 4 =16					
Herb Stratum (Plot size:)				UPL species 0 x 5 =					
Crassula aquatica	1	Y	OBL	Column Totals:6 (A)19 (B)					
2. Deinandra fasciculata	3	Y	FACU	Prevalence Index = B/A = 3.2					
3. Spergularia bocconi	1	Y	FACW						
4. Erodium botrys	1	Y	FACU	Hydrophytic Vegetation Indicators:					
5				Dominance Test is >50%					
6				Prevalence Index is ≤3.0¹					
7. 8.			-	Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)					
	6	= Total Cov	ver	Problematic Hydrophytic Vegetation ¹ (Explain)					
Woody Vine Stratum (Plot size:									
1. <u>none</u> 2.				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.					
		= Total Cove	er	Hydrophytic Vegetation					
	ver of Biotic		-111	Present? Yes No X					
Remarks: Sample area is a vernal pool that receives ru predominance of hydrophytic vegetation, it does suppor									

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featι	ıres		_	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-6	10YR 4/3	100					sandy clay	no redox
					· —— ·		20, 0.0,	
								_
								-
					. ——			
¹ Type: C=Coi	ncentration, D=Depletion	n, RM=Reduce	d Matrix, CS=Covered	or Coated	Sand Grains	s. ² l	Location: PL=Pore	E Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applic	able to all LF	RRs, unless otherv	vise note	ed.)		Indicators f	or Problematic Hydric Soils ³ :
Histoso				edox (S5)				uck (A9) (LRR C)
	pipedon (A2)			Matrix (S	•			uck (A10) (LRR B)
	istic (A3)			lucky Min	,			d Vertic (F18)
	en Sulfide (A4)			Sleyed Ma				rent Material (TF2)
		~\		l Matrix (F				Explain in Remarks)
	d Layers (A5) (LRR (uck (A9) (LRR D)	ره)		,	,		Other (E	explain in Remarks)
		a (A11)		ark Surfa	` '			
	d Below Dark Surfac	e (ATT)			rface (F7)		31,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	f las religions has discuss as a discuss as a di
	ark Surface (A12)			epression	is (F8)			f hydrophytic vegetation and
	Mucky Mineral (S1)		vernal P	ools (F9)				hydrology must be present,
Sandy 0	Gleyed Matrix (S4)						uniess d	isturbed or problematic.
Restrictive	Layer (if present):							
Type: sh	ovel refusal							
Depth (inc							Hydric Soil Pre	sent? Yes No X
Bopai (iiio	1100). <u>0</u>						Tryano con Tro	105 105 <u>X</u>
HYDROLOG	ΒΥ							
Wetland Hy	drology Indicators						Seco	ondary Indicators (2 or more required)
_	icators (minimum of		check all that apply	/)			·	Water Marks (B1) (Riverine)
	Water (A1)	<u></u>	Salt Crust					Sediment Deposits (B2) (Riverine)
•	ater Table (A2)		Biotic Cru		(5.40)			Orift Deposits (B3) (Riverine)
	ion (A3)		Aquatic In		, ,			Orainage Patterns (B10)
Water N	Marks (B1) (Nonrive i	rine)	Hydrogen	Sulfide C	Odor (C1)			Ory-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized I	Rhizosphe	eres along	Living Roo	ots (C3)1	Γhin Muck Surface (C7)
Drift De	posits (B3) (Nonrive	rine)	Presence	of Reduc	ed Iron (C4	1)	0	Crayfish Burrows (C8)
X Surface	Soil Cracks (B6)		Recent Iro	on Reduct	tion in Tille	d Soils (Ce	6) 8	Saturation Visible on Aerial Imagery (C9)
 Inundat	ion Visible on Aerial	Imagery (B7)	Thin Muck	c Surface	(C7)	•		Shallow Aquitard (D3)
	Stained Leaves (B9)	3 , ()	Other (Ex		, ,			FAC-Neutral Test (D5)
				P.G			<u>—</u> ·	7.0 1.0 1.1.1
Field Obser								
Surface Wat	er Present? Y		No X Depth (inch			_		
Water Table	Present?	′es N	No X Depth (inch	nes):		_		
Saturation P	resent? Y	′es N	No X Depth (inch	nes):		Wetla	ind Hydrology I	Present? Yes X No
(includes cap	oillary fringe)							
Describe Rec	orded Data (stream	gauge, monite	oring well, aerial ph	otos, prev	ious inspe	ctions), if a	available: n/a	
	•	ater was pres	ent at the time of th	e delineat	tion, evider	ice of surfa	ace soil cracks i	ndicate that the area ponds water and
supports wetl	and hydrology.							

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 29, 2019
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 131
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	tange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:	32.55806	•	Long: -117.01916 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for		year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poli	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	_No			_
Hydric Soil Present? Yes X	No		he Sampled . hin a Wetland	YAS X NO
Wetland Hydrology Present? Yes X	No	_ ****	iiii a vvetiaii	u:
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	es. This feature was sampled during the growing season and
meets the wetland criteria.		·	•	
VEGETATION – Use scientific names of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:	% Cover		Status	Number of Dominant Species
1. none				That Are OBL, FACW, or FAC:5 (A)
2				Total Number of Dominant
3				Species Across All Strata: 8 (B)
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 63 (A/B)
		= Total Cove	er	That Are OBL, FACW, OF FAC
Sapling/Shrub Stratum (Plot size:)				
1. none		-	-	Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species 1 x 1 = 1 FACW species 3 x 2 = 6
4				
5		= Total Cove		FACU species 2 x 4 = 8
Herb Stratum (Plot size:)		- Total Cove	5 1	UPL species 1 x 5 = 5
1. Spergularia bocconi	1	Y	FACW	Column Totals: 8 (A) 23 (B)
2. Crassula connata	1	Y	FAC	
3. Erodium botrys	1	Y	FACU	Prevalence Index = B/A = 2.9
4. Juncus bufonius	1	Y	FACW	Hydrophytic Vegetation Indicators:
5. Plagiobothrys acanthocarpus	1	Υ	OBL	X Dominance Test is >50%
6. Psilocarphus brevissimus	1	Υ	FACW	X Prevalence Index is ≤3.0¹
7. Logfia gallica	1	Y	UPL	Morphological Adaptations ¹ (Provide supporting
8. Matricaria discoidea	1	Υ	FACU	data in Remarks or on a separate sheet)
	8	= Total Cov	/er	Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				
1. none				¹ Indicators of hydric soil and wetland hydrology must
2				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 92 % Co	ver of Biotic	Cruet		Vegetation Present? Yes X No
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does support				
brevissimus). Leaf litter is present in basin.				, , , , , , , , , , , , , , , , , , , ,

Depth	Matri		n needed to docum R	edox Feat			45561166 0				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks			
0-2	10YR 3/3	100					sandy clay	no redox			
2-18	10YR 4/3	100					sandy clay	no redox			
	_						_				
	_						_				
							_				
							-	<u> </u>			
	_										
			ced Matrix, CS=Covere			2		ore Lining, RC=Root Channel, M=Matrix.			
•	`	licable to all	LRRs, unless other		•			s for Problematic Hydric Soils ³ :			
Histoso	ol (A1) Epipedon (A2)			Redox (S5 d Matrix (S	•			Muck (A9) (LRR C) Muck (A10) (LRR B)			
	Epipedon (A2) Histic (A3)			u mamx (s Mucky Mir	,			ced Vertic (F18)			
	gen Sulfide (A4)			Gleyed Ma	` '			Parent Material (TF2)			
	ed Layers (A5) (LR	(RC)		ed Matrix (I	, ,			(Explain in Remarks)			
	/luck (A9) (LRR D)	,		Dark Surfa	,			,			
Deplet	ed Below Dark Sur	face (A11)	Deplete	d Dark Su	ırface (F7)						
Thick [Dark Surface (A12)			Depressio			³ Indicators	s of hydrophytic vegetation and			
^	Mucky Mineral (S1	,	Vernal	Pools (F9)			wetland hydrology must be present,				
Sandy	Gleyed Matrix (S4))					unless	disturbed or problematic.			
Restrictive	Layer (if present)):									
Type:											
Depth (in	ches):						Hydric Soil P	resent? Yes X No No			
		nich may inclu	de human-caused d	sturbance							
HYDROLO											
	lydrology Indicato		de ale a de all Mede de accord	L A			<u>Se</u>	condary Indicators (2 or more required			
	•	of one require	d; check all that app					_Water Marks (B1) (Riverine)			
	ce Water (A1)		Salt Crus	, ,				_Sediment Deposits (B2) (Riverine)			
	Vater Table (A2)			ust (B12)	(5.40)			_Drift Deposits (B3) (Riverine)			
	ation (A3)		X Aquatic		, ,			_ Drainage Patterns (B10)			
	Marks (B1) (Nonri	•		n Sulfide (. 5		_Dry-Season Water Table (C2)			
	ent Deposits (B2) (•		•	eres along Li	ving Ro	ots (C3)	_Thin Muck Surface (C7)			
	eposits (B3) (Nonr	iverine)			ced Iron (C4)	0-11- (0		_Crayfish Burrows (C8)			
_	ce Soil Cracks (B6)				tion in Tilled	Soils (C	6)	_ Saturation Visible on Aerial Imagery (C9)			
	ation Visible on Aer			ck Surface	,			_ Shallow Aquitard (D3)			
water	-Stained Leaves (B	9)	Other (E	xplain in R	terriarks)			_FAC-Neutral Test (D5)			
Field Obse											
	ater Present?		No X Depth (inc			-					
Water Table			No X Depth (inc			-					
Saturation I	Present? apillary fringe)	Yes	No X Depth (inc	ches):		_ Wetla	and Hydrology	y Present? Yes X No			
		m dalide mor	nitoring well, aerial p	hotos nrev	vious inspect	ions) if	available n/a				
Describe Ne	corded Data (Strea	in gauge, moi	illoring well, aeriai p	notos, pro	vious irispect	10113), 11	avallable. 11/a				
Remarks: A	lthough no surface	water was pre	esent at the time of t	he delinea	tion, the pres	ence of	San Diego fair	ry shrimp indicate that the area supports			
wetland hyd	rology.							•			

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 29, 2019
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 132
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55946		Long: -117.01907 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology			·	·
Are Vegetation X, Soil , or Hydrology				· · · · · · · · · · · · · · · · · · ·
SLIMMARY OF FINDINGS Attach site man of		malina noi:	nt location	transports important footures ato
SUMMARY OF FINDINGS – Attach site map sh	lowing Sai	inpling poli	iit iocalions	s, transects, important leatures, etc.
Hydrophytic Vegetation Present? Yes	No X	_	aa Cammlad	Avoc
Hydric Soil Present? Yes	No X		ne Sampled . nin a Wetland	YAS NO X
Wetland Hydrology Present? Yes X	No	_		
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	s. This feature was sampled during the growing season and
does not meet the wetland criteria.				
VEGETATION – Use scientific names of plants		Daminant	lu di a atau	Dominance Test worksheet:
Tree Stratum (Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	
1. none				Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
2.				Total Number of Dominant
3.				Species Across All Strata:1 (B)
4.				Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)
		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. <u>none</u>				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species 1 x 1 = 1
4				FACW species 1 x 2 = 2
5				FAC species 0 x 3 = 0 FACU species 1 x 4 = 4
Herb Stratum (Plot size:)		= Total Cove	er	UPL species 0 x 5 = 0
1. Plagiobothrys acanthocarpus	1	N	OBL	Column Totals: 3 (A) 7 (B)
Spergularia bocconi	1	N	FACW	
3. Hordeum murinum		<u> </u>	FACU	Prevalence Index = B/A = 2.3
				Hydrophytic Vegetation Indicators:
5.				Dominance Test is >50%
6.				X Prevalence Index is ≤3.0¹
7.				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	4	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:				
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
0/ Para Crayrad in Harb Strature 00 0/ Ca	of Dietie	C		Vegetation
	ver of Biotic	-		Present? Yes X No
Remarks: Sample area is a vernal pool that receives ruvegetation cover insufficient (less than 5%) to be considuanthocarpus). Leaf litter is present in basin.				

Profile Desc Depth	cription: (Describe Matrix			ent the inc edox Featu		confirm t	the absence	of indicators	s.)
(inches)	Color (moist)	<u></u> %	Color (moist)	%	Type ¹	Loc ²	– Texture	e	Remarks
(1101100)			COIOI (IIIOISI)		Турс		_ TOXIGIT	<u> </u>	Romano
				•				- '	
							_		
¹ Type: C=Co	ncentration, D=Depleti	on, RM=Reduced	Matrix, CS=Covere	d or Coated	Sand Grain	s. ²	² Location: PL=I	Pore Lining, RC	=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Appli	cable to all LR	Rs, unless other	wise note	d.)		Indicato	rs for Proble	matic Hydric Soils ³ :
Histoso	I (A1)		Sandy F	Redox (S5))		1 cm	n Muck (A9) (I	LRR C)
	pipedon (A2)			d Matrix (S				n Muck (A10)	
	istic (A3)			Mucky Min	•			uced Vertic (F	
	en Sulfide (A4)			Gleyed Ma				Parent Mater	,
	d Layers (A5) (LRR	C)		d Matrix (F				er (Explain in I	` '
l —	•	(0)		`	,			ei (Expiaiii iii i	Remarks)
	uck (A9) (LRR D)	(0.4.4)		Dark Surfa	` '				
	d Below Dark Surfa	ice (A11)		d Dark Su	. ,		2		
	ark Surface (A12)			Depression	ıs (F8)				ytic vegetation and
	Mucky Mineral (S1)		Vernal F	Pools (F9)					must be present,
Sandy (Gleyed Matrix (S4)						unles	ss disturbed o	r problematic.
Restrictive	Layer (if present):								
Type:	, (p								
ı ·· —	I V		_				Libraria O all	D	Var. Na. V
Depth (inc	nes):		_				Hydric Soil	Present?	Yes No X
was dug and	d hydric soils are no	t considered to	be present.						
HYDROLOG	GY								
Wetland Hy	drology Indicator	s:					5	Secondary Inc	dicators (2 or more required)
i -	icators (minimum o		shock all that ann	\v)			2		ks (B1) (Riverine)
		i one required, c		-					, , , ,
	Water (A1)		Salt Crus				_		Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cri	ust (B12)			_	Drift Depos	sits (B3) (Riverine)
Saturat	ion (A3)		Aquatic I	nvertebrate	es (B13)		_	Drainage F	Patterns (B10)
Water N	Marks (B1) (Nonriv e	erine)	Hydrogei	n Sulfide C	dor (C1)			Dry-Seaso	n Water Table (C2)
Sedime	ent Deposits (B2) (N	onriverine)			eres along	Livina Ro	oots (C3)		Surface (C7)
	posits (B3) (Nonriv	-			ed Iron (C	_	_		urrows (C8)
		erine)			-	-			
	Soil Cracks (B6)				ion in Tille	a Solis (C	<u>_</u>		Visible on Aerial Imagery (C9)
	ion Visible on Aeria			k Surface			_	Shallow Ad	quitard (D3)
Water-S	Stained Leaves (B9)	Other (E	xplain in R	emarks)		_	FAC-Neutr	ral Test (D5)
Field Obser	votiona								
		V N	- V D	I					
Surface Wat			o X Depth (inc						
Water Table	Present?		o X Depth (inc						
Saturation P	resent?	Yes No	o X Depth (inc	hes):		Wetla	and Hydrolo	gy Present?	Yes X No
F,	pillary fringe)								
Describe Rec	orded Data (stream	n gauge, monito	ring well, aerial pl	notos, prev	ious inspe	ctions), if	available: n/	a	
	•					•			
Remarks: Alf	hough no surface v	vater was prese	nt at the time of th	ne delineat	ion, evider	nce of surf	face soil crac	ks indicate th	at the area ponds water and
	and hydrology. Wat								pende nator and
''	, 5,				-		3		

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 29, 2019
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 135
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	 32.55943689	900	Long: -117.01906725900 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ed? Yes	Are "Normal Circumstances" present? Yes X No
Are Vegetation X, Soil , or Hydrology				
SLIMMARY OF FINDINGS Attach site man of		malina noi:	nt location	transports important footures of
SUMMARY OF FINDINGS – Attach site map sh	lowing Sai	inpling poli	iit iocalions	s, transects, important leatures, etc.
Hydrophytic Vegetation Present? Yes	No X	_	aa Cammlad	Avon
Hydric Soil Present? Yes	No X		ne Sampled . nin a Wetland	YAS NO X
Wetland Hydrology Present? Yes X	No	_		
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	s. This feature was sampled during the growing season and
does not meet the wetland criteria.			•	
VEGETATION – Use scientific names of plants		Daminant	lu di a atau	Dominance Test worksheet:
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Number of Dominant Species
1. none				That Are OBL, FACW, or FAC: 0 (A)
2.				Total Number of Dominant
3.				Species Across All Strata:0 (B)
4.				Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)
		= Total Cove	er	That Are OBL, FACW, or FAC: (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species 0 x 1 = 0
4				FACW species1
5		- Total Cause		FACU species 1 x 4 = 4
Herb Stratum (Plot size:)		= Total Cove	31	UPL species 1 x 5 = 5
1. Hordeum murinum	1	N	FACU	Column Totals: 4 (A) 14 (B)
2. Psilocarphus brevissimus	1	N	FACW	
3. Mesembryanthemum nodiflorum	1	N	FACU	Prevalence Index = B/A = 3.5
4. Erodium cicutarium	1	N	UPL	Hydrophytic Vegetation Indicators:
5.				Dominance Test is >50%
6.				Prevalence Index is ≤3.0¹
7.				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	4	= Total Cov	/er	Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				
1. none				¹ Indicators of hydric soil and wetland hydrology must
2				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 96 % Co	ver of Biotic	Cruet		Vegetation Present? Yes No X
Remarks: Sample area is a vernal pool that receives ruvegetation cover insufficient (less than 5%) to be considered.				
predomince of hydrophytic vegetation, it does support o				

	ription: (Describe to	the depth nee				confirm t	the absence	of indicato	rs.)	
Depth	Matrix			edox Featu					_	
(inches)	Color (moist)		color (moist)		Type ¹	Loc ²	Texture	<u> </u>	Remar	ks
· ——							_			
							_			
										_
							_			
							_			
	ncentration, D=Depletion					s. ²	² Location: PL=F	Pore Lining, R	C=Root Channel,	M=Matrix.
Hydric Soil	Indicators: (Application	able to all LRRs	s, unless othe	rwise note	d.)		Indicato	rs for Prob	lematic Hydric	Soils³:
Histoso	l (A1)		Sandy	Redox (S5)			1 cm	Muck (A9)	(LRR C)	
Histic E	pipedon (A2)		Strippe	d Matrix (S6	3)		2 cm	Muck (A10) (LRR B)	
Black H	istic (A3)		Loamy	Mucky Mine	eral (F1)		Red	uced Vertic	(F18)	
Hydroge	en Sulfide (A4)		Loamy	Gleyed Mat	trix (F2)		Red	Parent Mate	erial (TF2)	
Stratifie	d Layers (A5) (LRR (S)	Deplete	ed Matrix (F	3)		Othe	er (Explain ir	n Remarks)	
1 cm M	uck (A9) (LRR D)		Redox	Dark Surfac	e (F6)					
	d Below Dark Surfac	e (A11)	Deplete	ed Dark Sur	face (F7)					
Thick D	ark Surface (A12)		Redox	Depression	s (F8)				hytic vegetation	
Sandy I	Mucky Mineral (S1)		Vernal	Pools (F9)			wetla	nd hydrolog	y must be prese	ent,
Sandy 0	Gleyed Matrix (S4)						unles	s disturbed	or problematic.	
Restrictive	Layer (if present):									
Type:										
Depth (inc	hes):						Hydric Soil	Present?	Yes	No X
							,			
	he sampled area is u I hydric soils are not o			tne nyarop	nytic veget	ation stai	ndard to be c	onsidered a	wetiand. There	rore, no soli pit
was dug and	Triyunic sons are not t	considered to be	present.							
HYDROLO										
1	drology Indicators:						<u>s</u>	econdary I	ndicators (2 or	more required)
Primary Ind	icators (minimum of o	one required; che	eck all that app	oly)				Water Ma	arks (B1) (River	ine)
Surface	Water (A1)		Salt Cru	st (B11)				Sedimen	t Deposits (B2)	(Riverine)
High W	ater Table (A2)		Biotic Cr	rust (B12)				Drift Dep	osits (B3) (Rive	rine)
Saturat	ion (A3)		X Aquatic	Invertebrate	es (B13)		_	 Drainage	Patterns (B10)	
	Marks (B1) (Nonriver	ine)	Hydroge	n Sulfide O	dor (C1)				son Water Table	(C2)
	ent Deposits (B2) (No	*		l Rhizosphe		Livina Ro	oots (C3)		k Surface (C7)	,
l —	posits (B3) (Nonrive	•		e of Reduce	_	-	(/		Burrows (C8)	
	Soil Cracks (B6)			ron Reducti			:6)		` '	ial Imagery (C9)
ı —	ion Visible on Aerial l	magen/ (R7)		ck Surface		2 00110 (0	_		Aquitard (D3)	iai imagery (00)
l ——		magery (br)					_			
water-s	Stained Leaves (B9)		Other (E	xplain in Re	emarks)		_	FAC-Net	utral Test (D5)	
Field Obser	vations:									
Surface Wat	er Present? Y		X Depth (in			_				
Water Table	Present? Y	es No_	X Depth (in	ches):		_				
Saturation P	resent? Y	es No _	X Depth (inc	ches):		Wetla	and Hydrolo	gy Present	? Yes X	No
(includes ca	oillary fringe)									
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a										
D 1	do	4	-44 0	hand Post	41					aladaaa 1 P 1
	hough no surface wa	•							•	shrimp indicate
mai ine area	ponds water and sup	ports wettand hy	rurology. wate	ı ıadıe ievel	and satura	auon are	HOLKHOWN AS	a son pit W	as not dug.	
ĺ										

Project/Site: Southwest Village Specific Plan		City/County: San Die	ego, CA Sampling Date: March 29, 2019
Applicant/Owner: Pardee Homes			State: CA Sampling Point: 143
Investigator(s): Beth Procsal and Jamie Sue McBee		Section, Township,	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local relief (concav	/e, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:	32.55926500940	Long: -117.01911591700 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes		NWI classification: None
Are climatic / hydrologic conditions on the site typical for		vear? Yes X	
			Are "Normal Circumstances" present? Yes X No
			(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map she	owing sa	mpling point locatio	ns, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X		
Hydric Soil Present? Yes	No X	is the Sample	YAS NO X
	No	— within a Wetla	and? ———
Remarks: The majority of the vegetation on the site has	s heen disti	rhed due to past land u	ses. This feature was sampled during the growing season and
does not meet the wetland criteria.	s been dist	arbed due to past land d	ises. This readire was sampled during the growing season and
VEGETATION – Use scientific names of plants			
Troo Stratum (Diet size:	Absolute	Dominant Indicator	
Tree Stratum (Plot size:) 1. none	% Cover	Species? Status	Number of Dominant Species That Are ORL FACIAL or FAC: (A)
			That Are OBL, FACW, or FAC:(A) Total Number of Dominant
			Species Across All Strata: (B)
			Percent of Dominant Species
4		= Total Cover	That Are OBL, FACW, or FAC:(A/B)
Sapling/Shrub Stratum (Plot size:)		rotal Gover	
1. none			Prevalence Index worksheet:
2.			Total % Cover of: Multiply by:
3.			OBL species x 1 =
4.			FACW species x 2 =
5.			FAC species x 3 =
		= Total Cover	FACU species x 4 =
Herb Stratum (Plot size:)			UPL species
1. <u>none</u>			Column Totals: (A)(B)
2			Prevalence Index = B/A =
3			
4			Hydrophytic Vegetation Indicators:
5			Dominance Test is >50%
6			Prevalence Index is ≤3.0¹
7			Morphological Adaptations ¹ (Provide supporting
8			data in Remarks or on a separate sheet)
W 1 1/2 2/4 (B) 4			Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)			4
1. none			Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2			- - '
	0	= Total Cover	Hydrophytic
% Bare Ground in Herb Stratum 100 % Cov	er of Biotic	Crust	Vegetation Present? Yes No X
Remarks: Sample area is a vernal pool that receives run	off from a r	elatively small local mice	ro-watershed. Sampled during the growing season, but
vegetation cover insufficient (less than 5%) to be consider			

SOIL Sampling Point:_143_____

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)		Redox Features		
	Color (moist) %	Color (moist) % Type ¹	Loc ² Texture	e Remarks
				
				
¹ Type: C=Con		educed Matrix, CS=Covered or Coated Sand Grain	s. ² Location: PL=I	Pore Lining, RC=Root Channel, M=Matrix.
		all LRRs, unless otherwise noted.)		rs for Problematic Hydric Soils ³ :
Histosol		Sandy Redox (S5)		n Muck (A9) (LRR C)
	pipedon (A2)	Stripped Matrix (S6)		n Muck (A10) (LRR B)
Black Hi		Loamy Mucky Mineral (F1)		uced Vertic (F18)
	en Sulfide (A4)	Loamy Gleyed Matrix (F2)		Parent Material (TF2)
	d Layers (A5) (LRR C)	Depleted Matrix (F3)		er (Explain in Remarks)
	uck (A9) (LRR D)	Redox Dark Surface (F6)		,
	d Below Dark Surface (A11)	Depleted Dark Surface (F7)		
Thick Da	ark Surface (A12)	Redox Depressions (F8)	³ Indicato	rs of hydrophytic vegetation and
Sandy M	lucky Mineral (S1)	Vernal Pools (F9)	wetla	nd hydrology must be present,
Sandy G	Gleyed Matrix (S4)		unles	ss disturbed or problematic.
Restrictive I	_ayer (if present):			
Type:	ayer (ii present).			
Depth (inch	30c).		Hydric Soil	Present? Yes No X
Deptil (ilici	les).		l lyulic 30li	Fleselit: les No _X
HYDROLOG				
Wetland Hy	drology Indicators:			'aaandam, Indiaatara (2 ar mara raguirad)
-	• • • • • • • • • • • • • • • • • • • •		<u>s</u>	Secondary Indicators (2 or more required)
-	cators (minimum of one requ	ired; check all that apply)		Water Marks (B1) (Riverine)
Primary Indi	• • • • • • • • • • • • • • • • • • • •	ired; check all that apply)Salt Crust (B11)		
Primary India	cators (minimum of one requ			Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Primary India Surface High Wa Saturation	cators (minimum of one requ Water (A1) ater Table (A2) on (A3)	Salt Crust (B11)Biotic Crust (B12) _X_Aquatic Invertebrates (B13)		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Primary India Surface High Wa Saturation	cators (minimum of one requ Water (A1) ater Table (A2)	Salt Crust (B11) Biotic Crust (B12)		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Primary India Surface High Wa Saturatio	cators (minimum of one requ Water (A1) ater Table (A2) on (A3)	Salt Crust (B11) Biotic Crust (B12) X Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1)		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
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Primary India Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundati Water-S Field Observ Surface Water Table Saturation Pr (includes cap Describe Reco	cators (minimum of one requivater (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverine) Int Deposits (B2) (Nonriverine) Posits (B3) (Nonriverine) Soil Cracks (B6) on Visible on Aerial Imagery Stained Leaves (B9) vations: er Present? Yes P	Salt Crust (B11)Biotic Crust (B12)X Aquatic Invertebrates (B13)Hydrogen Sulfide Odor (C1)Oxidized Rhizospheres alongPresence of Reduced Iron (C4Recent Iron Reduction in TillerThin Muck Surface (C7)Other (Explain in Remarks) NoDepth (inches):NoDepth (inches):nonitoring well, aerial photos, previous inspense of the delineation, the position, evidence of surface soil cracks and the present at the time of the delineation, the position in the present at the time of the delineation, the position in the present at the time of the delineation, the position in the present at the time of the delineation, the position in the present at the time of the delineation, the position in the present at the time of the delineation, the position in the present at the time of the delineation, the position in the present at the time of the delineation, the position in the present at the time of the delineation, the position in the position in the position in the present at the time of the delineation, the position in the position in the position in the present at the time of the delineation, the position in the present at the time of the delineation, the position in the present at the time of the delineation in the present at the time of the delineation in the present at the time of the delineation in the present at the time of the delineation in the present at the time of the delineation in the present at the time of the delineation in the present at the time of the delineation in the present at the time of the delineation in the present at the time of the delineation in the present at the time of the delineation in the present at the time of the delineation in the present at the time of the delineation in the present at the time of the delineation in the present at the time of the delineation in the present at the time of the delineation in the present at the time of the delineation in the present at the time of the delineation in the present at the	Living Roots (C3) 4) d Soils (C6) Wetland Hydrolo ctions), if available: n/	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5) gy Present? Yes X No a
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Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: March 29, 2019
Applicant/Owner: Pardee Homes		State: CA Sampling Point: 149		
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	tange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:	32.55922	•	Long: -117.01902 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical fo		X No	o (If no, explain in Remarks.)	
Are Vegetation X, Soil , or Hydrology				
				(If needed, explain any answers in Remarks.)
				
SUMMARY OF FINDINGS – Attach site map sl	nowing sa	mpling poli	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	_No			
Hydric Soil Present? Yes X	No		ne Sampled . nin a Wetland	YAS X NO
Wetland Hydrology Present? Yes X	No		iii a vvetiaii	u:
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	es. This feature was sampled during the growing season and
meets the wetland criteria.		'	l	1 3 3 3
VEGETATION – Use scientific names of plants		.	1 12 4	I Bandana Tartundahadi
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none				Number of Dominant Species That Are OBL, FACW, or FAC: 5 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 8 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC: 63 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species 1 x 1 = 1
4				FACW species 4 x 2 = 8
5				FAC species 0 x 3 = 0 FACU species 2
Herb Stratum (Plot size:)		= Total Cove	er	UPL species 1 x 5 = 5
1. Plantago elongata	1	Y	FACW	Column Totals: 8 (A) 22 (B)
Plagiobothrys acanthocarpus	1	Y	OBL	
3. Matricaria discoidea	1	Y	FACU	Prevalence Index = B/A = 2.8
4. Psilocarphus brevissimus	1	Y	FACW	Hydrophytic Vegetation Indicators:
5. Glebionis coronaria	1	Y	UPL	X Dominance Test is >50%
6. Hordeum murinum	1	Υ	FACU	X Prevalence Index is ≤3.0¹
7. Lepidium latipes	1	Y	FACW	Morphological Adaptations ¹ (Provide supporting
8. Spergularia bocconi	1	Y	FACW	data in Remarks or on a separate sheet)
	8	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				
1. none				¹ Indicators of hydric soil and wetland hydrology must
2				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 92 % Co	ver of Biotic	Cruet		Vegetation Present? Yes X No
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does support Psilocarphus brevissimus). Leaf litter is present in basic	t three verna			-watershed. In addition to the vernal pool consisting cies (Plagiobothrys acanthocarpus, Plantago elongata, and

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

1Type: C=Conc Hydric Soil I Histosol (Histic Epi Black His Hydroger Stratified 1 cm Muc Depleted Thick Da Sandy Mi	ipedon (A2)	I LRRs, unlessSLLE	Covered or Coate	(S6) (S6) (Ineral (F1) Matrix (F2) (F3) face (F6)	sance	licators for 1 cm Mu 2 cm Mu Reduced Red Par	Remarks no redox Lining, RC=Root Channel, M=Matrix. or Problematic Hydric Soils³: Lick (A9) (LRR C) Lick (A10) (LRR B) d Vertic (F18) rent Material (TF2)
¹Type: C=Cond Hydric Soil I Histosol (Histic Epi Black His Hydroger Stratified 1 cm Muc Depleted Thick Dal Sandy Mi Sandy Gl Restrictive Li Type: Depth (inch	centration, D=Depletion, RM=Red ndicators: (Applicable to al (A1) ipedon (A2) stic (A3) n Sulfide (A4) Layers (A5) (LRR C) ck (A9) (LRR D) Below Dark Surface (A11) rk Surface (A12) ucky Mineral (S1) leyed Matrix (S4)	I LRRs, unlessSLLE	s otherwise no candy Redox (S ctripped Matrix (oamy Mucky M oamy Gleyed N depleted Matrix Redox Dark Sur Depleted Dark S	(S6) (S6) (Ineral (F1) Matrix (F2) (F3) face (F6)	. ² Location	n: PL=Pore licators fo _1 cm Mu _2 cm Mu _Reduceo _Red Par	Lining, RC=Root Channel, M=Matrix. or Problematic Hydric Soils³: uck (A9) (LRR C) uck (A10) (LRR B) d Vertic (F18) rent Material (TF2)
Hydric Soil I Histosol (Histic Epi Black His Hydroger Stratified 1 cm Muc Depleted Thick Dan Sandy Mi Sandy Gi Restrictive La Type: Depth (inch	ndicators: (Applicable to al (A1) ipedon (A2) stic (A3) n Sulfide (A4) Layers (A5) (LRR C) ck (A9) (LRR D) Below Dark Surface (A11) rk Surface (A12) ucky Mineral (S1) leyed Matrix (S4)	I LRRs, unlessSLLE	s otherwise no candy Redox (S ctripped Matrix (oamy Mucky M oamy Gleyed N depleted Matrix Redox Dark Sur Depleted Dark S	(S6) (S6) (Ineral (F1) Matrix (F2) (F3) face (F6)	Inc	licators for 1 cm Mu 2 cm Mu Reduced Red Par	or Problematic Hydric Soils ³ : uck (A9) (LRR C) uck (A10) (LRR B) d Vertic (F18) rent Material (TF2)
Hydric Soil I Histosol (Histic Epi Black His Hydroger Stratified 1 cm Muc Depleted Thick Dan Sandy Mi Sandy Gl Restrictive La Type: Depth (inch	ndicators: (Applicable to al (A1) ipedon (A2) stic (A3) n Sulfide (A4) Layers (A5) (LRR C) ck (A9) (LRR D) Below Dark Surface (A11) rk Surface (A12) ucky Mineral (S1) leyed Matrix (S4)	I LRRs, unlessSLLE	s otherwise no candy Redox (S ctripped Matrix (oamy Mucky M oamy Gleyed N depleted Matrix Redox Dark Sur Depleted Dark S	(S6) (S6) (Ineral (F1) Matrix (F2) (F3) face (F6)	Inc	licators for 1 cm Mu 2 cm Mu Reduced Red Par	or Problematic Hydric Soils ³ : uck (A9) (LRR C) uck (A10) (LRR B) d Vertic (F18) rent Material (TF2)
Hydric Soil I Histosol (Histic Epi Black His Hydroger Stratified 1 cm Muc Depleted Thick Dan Sandy Mi Sandy Gl Restrictive Lo Type: Depth (inch	ndicators: (Applicable to al (A1) ipedon (A2) stic (A3) n Sulfide (A4) Layers (A5) (LRR C) ck (A9) (LRR D) Below Dark Surface (A11) rk Surface (A12) ucky Mineral (S1) leyed Matrix (S4)	I LRRs, unlessSLLE	s otherwise no candy Redox (S ctripped Matrix (oamy Mucky M oamy Gleyed N depleted Matrix Redox Dark Sur Depleted Dark S	(S6) (S6) (Ineral (F1) Matrix (F2) (F3) face (F6)	Inc	licators for 1 cm Mu 2 cm Mu Reduced Red Par	or Problematic Hydric Soils ³ : uck (A9) (LRR C) uck (A10) (LRR B) d Vertic (F18) rent Material (TF2)
Hydric Soil I Histosol (Histic Epi Black His Hydroger Stratified 1 cm Muc Depleted Thick Dai Sandy Mi Sandy Gi Restrictive La Type: Depth (inch	ndicators: (Applicable to al (A1) ipedon (A2) stic (A3) n Sulfide (A4) Layers (A5) (LRR C) ck (A9) (LRR D) Below Dark Surface (A11) rk Surface (A12) ucky Mineral (S1) leyed Matrix (S4)	I LRRs, unlessSLLE	s otherwise no candy Redox (S ctripped Matrix (oamy Mucky M oamy Gleyed N depleted Matrix Redox Dark Sur Depleted Dark S	(S6) (S6) (Ineral (F1) Matrix (F2) (F3) face (F6)	Inc	licators for 1 cm Mu 2 cm Mu Reduced Red Par	or Problematic Hydric Soils ³ : uck (A9) (LRR C) uck (A10) (LRR B) d Vertic (F18) rent Material (TF2)
Hydric Soil I Histosol (Histic Epi Black His Hydroger Stratified 1 cm Muc Depleted Thick Dai Sandy Mi Sandy Gi Restrictive La Type: Depth (inch	ndicators: (Applicable to al (A1) ipedon (A2) stic (A3) n Sulfide (A4) Layers (A5) (LRR C) ck (A9) (LRR D) Below Dark Surface (A11) rk Surface (A12) ucky Mineral (S1) leyed Matrix (S4)	I LRRs, unlessSLLE	s otherwise no candy Redox (S ctripped Matrix (oamy Mucky M oamy Gleyed N depleted Matrix Redox Dark Sur Depleted Dark S	(S6) (S6) (Ineral (F1) Matrix (F2) (F3) face (F6)	Inc	licators for 1 cm Mu 2 cm Mu Reduced Red Par	or Problematic Hydric Soils ³ : uck (A9) (LRR C) uck (A10) (LRR B) d Vertic (F18) rent Material (TF2)
Hydric Soil I Histosol (Histic Epi Black His Hydroger Stratified 1 cm Muc Depleted Thick Dai Sandy Mi Sandy Gi Restrictive La Type: Depth (inch	ndicators: (Applicable to al (A1) ipedon (A2) stic (A3) n Sulfide (A4) Layers (A5) (LRR C) ck (A9) (LRR D) Below Dark Surface (A11) rk Surface (A12) ucky Mineral (S1) leyed Matrix (S4)	I LRRs, unlessSLLE	s otherwise no candy Redox (S ctripped Matrix (oamy Mucky M oamy Gleyed N depleted Matrix Redox Dark Sur Depleted Dark S	(S6) (S6) (Ineral (F1) Matrix (F2) (F3) face (F6)	Inc	licators for 1 cm Mu 2 cm Mu Reduced Red Par	or Problematic Hydric Soils ³ : uck (A9) (LRR C) uck (A10) (LRR B) d Vertic (F18) rent Material (TF2)
Hydric Soil I Histosol (Histic Epi Black His Hydroger Stratified 1 cm Muc Depleted Thick Dan Sandy Mi Sandy Gi Restrictive La Type: Depth (inch	ndicators: (Applicable to al (A1) ipedon (A2) stic (A3) n Sulfide (A4) Layers (A5) (LRR C) ck (A9) (LRR D) Below Dark Surface (A11) rk Surface (A12) ucky Mineral (S1) leyed Matrix (S4)	I LRRs, unlessSLLE	s otherwise no candy Redox (S ctripped Matrix (oamy Mucky M oamy Gleyed N depleted Matrix Redox Dark Sur Depleted Dark S	(S6) (S6) (Ineral (F1) Matrix (F2) (F3) face (F6)	Inc	licators for 1 cm Mu 2 cm Mu Reduced Red Par	or Problematic Hydric Soils ³ : uck (A9) (LRR C) uck (A10) (LRR B) d Vertic (F18) rent Material (TF2)
Hydric Soil I Histosol (Histic Epi Black His Hydroger Stratified 1 cm Muc Depleted Thick Dan Sandy Mi Sandy Gl Restrictive Lo Type: Depth (inch	ndicators: (Applicable to al (A1) ipedon (A2) stic (A3) n Sulfide (A4) Layers (A5) (LRR C) ck (A9) (LRR D) Below Dark Surface (A11) rk Surface (A12) ucky Mineral (S1) leyed Matrix (S4)	I LRRs, unlessSLLE	s otherwise no candy Redox (S ctripped Matrix (oamy Mucky M oamy Gleyed N depleted Matrix Redox Dark Sur Depleted Dark S	(S6) (S6) (Ineral (F1) Matrix (F2) (F3) face (F6)	Inc	licators for 1 cm Mu 2 cm Mu Reduced Red Par	or Problematic Hydric Soils ³ : uck (A9) (LRR C) uck (A10) (LRR B) d Vertic (F18) rent Material (TF2)
Hydric Soil I Histosol (Histic Epi Black His Hydroger Stratified 1 cm Muc Depleted Thick Dan Sandy Mi Sandy Gi Restrictive Lo Type: Depth (inch	ndicators: (Applicable to al (A1) ipedon (A2) stic (A3) n Sulfide (A4) Layers (A5) (LRR C) ck (A9) (LRR D) Below Dark Surface (A11) rk Surface (A12) ucky Mineral (S1) leyed Matrix (S4)	I LRRs, unlessSLLE	s otherwise no candy Redox (S ctripped Matrix (oamy Mucky M oamy Gleyed N depleted Matrix Redox Dark Sur Depleted Dark S	(S6) (S6) (Ineral (F1) Matrix (F2) (F3) face (F6)	Inc	licators for 1 cm Mu 2 cm Mu Reduced Red Par	or Problematic Hydric Soils ³ : uck (A9) (LRR C) uck (A10) (LRR B) d Vertic (F18) rent Material (TF2)
Histosol (Histic Epi Black His Hydroger Stratified 1 cm Muc Depleted Thick Dai Sandy Mi Sandy Gi Restrictive La Type: Depth (inch	(A1) ipedon (A2) stic (A3) n Sulfide (A4) Layers (A5) (LRR C) ck (A9) (LRR D) Below Dark Surface (A11) rk Surface (A12) ucky Mineral (S1) eyed Matrix (S4)	S L L E F	andy Redox (S atripped Matrix (oamy Mucky M oamy Gleyed M pepleted Matrix Redox Dark Sur Depleted Dark S	(S6) (Ineral (F1) Matrix (F2) (F3) face (F6)	Inc	licators for 1 cm Mu 2 cm Mu Reduced Red Par	or Problematic Hydric Soils ³ : uck (A9) (LRR C) uck (A10) (LRR B) d Vertic (F18) rent Material (TF2)
Histic Epi Black His Hydroger Stratified 1 cm Muc Depleted Thick Dal Sandy Mi Sandy Gl Restrictive La Type: Depth (inch	ppedon (A2) stic (A3) n Sulfide (A4) Layers (A5) (LRR C) ck (A9) (LRR D) Below Dark Surface (A11) rk Surface (A12) ucky Mineral (S1) leyed Matrix (S4)		stripped Matrix (oamy Mucky M oamy Gleyed N pepleted Matrix Redox Dark Sur Depleted Dark S	(S6) lineral (F1) Matrix (F2) (F3) face (F6)		_2 cm Mu _Reduced _Red Par	uck (A10) (LRR B) d Vertic (F18) rent Material (TF2)
Black His Hydroger Stratified 1 cm Muc Depleted Thick Dar Sandy M Sandy Gl Restrictive Lar Depth (inch-	stic (A3) In Sulfide (A4) Layers (A5) (LRR C) Ick (A9) (LRR D) Below Dark Surface (A11) Irk Surface (A12) Iucky Mineral (S1) Ieyed Matrix (S4)	L L F C	oamy Mucky M oamy Gleyed M Depleted Matrix Redox Dark Sur Depleted Dark S	lineral (F1) Matrix (F2) (F3) face (F6)		_2 cm Mu _Reduced _Red Par	uck (A10) (LRR B) d Vertic (F18) rent Material (TF2)
Hydroger Stratified 1 cm Muc Depleted Thick Dar Sandy M Sandy Gl Restrictive La Type: Depth (inch-	n Sulfide (A4) Layers (A5) (LRR C) ck (A9) (LRR D) Below Dark Surface (A11) rk Surface (A12) ucky Mineral (S1) leyed Matrix (S4)	L C F F	oamy Gleyed N Depleted Matrix Redox Dark Sur Depleted Dark S	Matrix (F2) (F3) face (F6)	<u></u>	_ Red Par	ent Material (TF2)
Stratified 1 cm Muc Depleted Thick Dat Sandy M Sandy Gl Restrictive Lat Type: Depth (inch-	Layers (A5) (LRR C) ck (A9) (LRR D) Below Dark Surface (A11) rk Surface (A12) ucky Mineral (S1) leyed Matrix (S4)		Depleted Matrix Redox Dark Sur Depleted Dark S	(F3) face (F6)	X	_	` ,
1 cm Muc Depleted Thick Dal Sandy M Sandy Gl Restrictive La Type: Depth (inch	ck (A9) (LRR D) Below Dark Surface (A11) rk Surface (A12) ucky Mineral (S1) leyed Matrix (S4)	F	Redox Dark Sur Depleted Dark S	face (F6)	X	Other (E	
Depleted Thick Dan Sandy Mi Sandy Gl Restrictive Lan Type: Depth (inch-	Below Dark Surface (A11) rk Surface (A12) ucky Mineral (S1) eyed Matrix (S4)		epleted Dark S	` '			Explain in Remarks)
Thick Dai Sandy M Sandy Gi Restrictive L Type: Depth (inch	rk Surface (A12) ucky Mineral (S1) eyed Matrix (S4)	<u>_</u> F		Surface (F7)			
Sandy M Sandy Gl Restrictive Lo Type: Depth (inch	ucky Mineral (S1) leyed Matrix (S4)		ledox Depressi				
Sandy Gl Restrictive La Type: Depth (inch	leyed Matrix (S4)	\		ons (F8)	3In	dicators o	f hydrophytic vegetation and
Restrictive La			ernal Pools (F9	9)		wetland h	hydrology must be present,
Type:	ayer (if present):					unless di	isturbed or problematic.
Depth (inch	,		-				
	es):				Hvdrid	Soil Pres	sent? Yes X No
Remarks: No	,	•			'		
YDROLOG	Υ						
	drology Indicators:					Seco	ondary Indicators (2 or more required
-	ators (minimum of one requir	ed; check all th	at apply)				Vater Marks (B1) (Riverine)
-	Water (A1)		alt Crust (B11)				Sediment Deposits (B2) (Riverine)
	ter Table (A2)		otic Crust (B12))			Orift Deposits (B3) (Riverine)
Saturatio	, ,		quatic Invertebr				Orainage Patterns (B10)
	arks (B1) (Nonriverine)		/drogen Sulfide				Ory-Season Water Table (C2)
	t Deposits (B2) (Nonriverine		-		iving Roots (C3		Thin Muck Surface (C7)
	osits (B3) (Nonriverine)		esence of Red	_			Crayfish Burrows (C8)
	Soil Cracks (B6)		ecent Iron Redu	-			Saturation Visible on Aerial Imagery (C9)
_	on Visible on Aerial Imagery (I		in Muck Surfac		00113 (00)		Shallow Aquitard (D3)
	ained Leaves (B9)	<i>'</i>	her (Explain in				FAC-Neutral Test (D5)
water-or	allied Leaves (D9)		Tiel (Explain III	indinains)		'	AC-Neutral Test (D3)
Field Observ							
Surface Wate			oth (inches):		_		
Water Table F			oth (inches):		_		
Saturation Pre		No X Dep	oth (inches):		_ Wetland Hy	drology F	Present? Yes X No
(includes capi							
escribe Reco	rded Data (stream gauge, mo	onitoring well, a	erial photos, pr	evious inspec	tions), if availab	le: n/a	
		resent at the tir	ne of the deline	ation eviden	re of surface so	il cracke ir	ndicate that the area ponds water and
emarks: Alth	ough no surface water was n	. 556m at the th	io or allo domile	adon, ovidon	55 51 541146C 50	oracita ii	idiodio triat trio droa portas water artu
lemarks: Alth upports wetla							

Project/Site: Southwest Village Specific Plan		City/Coun	nty: <u>San Dieg</u>	o, CA Sampling Date: March 29, 2019				
Applicant/Owner: Pardee Homes		State: CA Sampling Point: 150						
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W				
Landform (hillslope, terrace, etc.): mesa top		Local relief (concave, convex, none): concave Slope (%): 0-2						
Subregion (LRR): LRR-C	Lat:	 32.55911		Long: -117.01862 Datum: NAD83				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None				
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	o (If no, explain in Remarks.)				
Are Vegetation X, Soil , or Hydrology _								
				(If needed, explain any answers in Remarks.)				
SUMMARY OF FINDINGS – Attach site map sl								
Hydrophytic Vegetation Present? Yes X	_No	_ le th	he Sampled	Arna				
Hydric Soil Present? Yes X	_No	_ with	nin a Wetlan	YAS X NA				
Wetland Hydrology Present? Yes X	No	_						
Remarks: The majority of the vegetation on the site had depressions/vernal pools are problematic due to the seand early spring months each year. VEGETATION – Use scientific names of plants	easonality of			es. The vegetation and hydrology of the seasonal logy restricted to the winter and vegetation to the late winter				
	Absolute	Dominant	Indicator	Dominance Test worksheet:				
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species				
1. none				That Are OBL, FACW, or FAC:6(A)				
2. 3.				Total Number of Dominant Species Across All Strata: 7 (B)				
				Percent of Dominant Species (B)				
T		= Total Cove	er	That Are OBL, FACW, or FAC: 85 (A/B)				
Sapling/Shrub Stratum (Plot size:)		. 510 5511						
1. none				Prevalence Index worksheet:				
2.				Total % Cover of: Multiply by:				
3.				OBL species x 1 =				
4				FACW species x 2 =				
5				FAC species x 3 =				
		= Total Cove	er	FACU species x 4 =				
Herb Stratum (Plot size:)				UPL species x 5 =				
1. Psilocarphus brevissimus		Y	FACW	Column Totals: (A)(B)				
2. Lythrum hyssopifolia		Y	OBL FAC	Prevalence Index = B/A =				
Rumex crispus Plagiobothrys acanthocarpus	1	Y	OBL	Lindranhytia Vanatatian Indiantara				
Plagiobothrys acanthocarpus Plantago elongata		Y	FACW	Hydrophytic Vegetation Indicators:				
6. Spergularia bocconi	1	Y	FACW	X Dominance Test is >50% Prevalence Index is ≤3.0¹				
7. Bromus madritensis	1	Y	UPL	Morphological Adaptations ¹ (Provide supporting				
8.				data in Remarks or on a separate sheet)				
	11	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)				
Woody Vine Stratum (Plot size:				: resiemano : ij arep: ij de i egetano. (Explain)				
1. none				¹ Indicators of hydric soil and wetland hydrology must				
2.				be present, unless disturbed or problematic.				
		= Total Cove	er	Hydrophytic Vegetation				
	ver of Biotic			Present? Yes X No No No				
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does support basin.				watershed. In addition to the vernal pool consisting es (Plagiobothrys acanthocarpus). Leaf litter is present in				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ires				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Rema	arks
0-8	10YR 4/2	100					sandy clay		
8-18	10YR 5/2	99 1	0Yr 5/6	1		М	sandy clay		
							_		
		· — — –						·	
							_		
¹ Type: C=Co	ncentration, D=Depletio	n, RM=Reduce	d Matrix, CS=Covered	or Coated	Sand Grains	s. ²	Location: PL=P	ore Lining, RC=Root Channe	el, M=Matrix.
Hydric Soi	Indicators: (Applic	able to all LF	RRs, unless otherv	vise note	d.)			s for Problematic Hydri	
Histoso	l (A1)		Sandy R	edox (S5))		1 cm	Muck (A9) (LRR C)	
Histic E	pipedon (A2)		Stripped	Matrix (S	6)		2 cm	Muck (A10) (LRR B)	
	listic (A3)			lucky Min				ced Vertic (F18)	
	en Sulfide (A4)	0 \		Sleyed Ma	. ,			Parent Material (TF2)	
	d Layers (A5) (LRR uck (A9) (LRR D)	()	X Depleted	ı Matrix (F ark Surfa	,		Otner	(Explain in Remarks)	
	ed Below Dark Surfac	e (A11)		ark Suria I Dark Sui	` '				
	ark Surface (A12)	,		epression			3Indicators	s of hydrophytic vegetation	on and
	Mucky Mineral (S1)			ools (F9)	` ,			nd hydrology must be pre	
Sandy	Gleyed Matrix (S4)						unless	disturbed or problemation	D.
Restrictive	Layer (if present):								
Type:	, , ,								
Depth (inc	ches):						Hydric Soil F	Present? Yes X	No
Remarks: re	edox features observ	ed							
rtomanto. It	Saox leatares observ	ou							
HYDROLO									
	ydrology Indicators			,			<u>Se</u>	econdary Indicators (2 c	
	icators (minimum of	one required;						_ Water Marks (B1) (Riv	,
	e Water (A1)		Salt Crust					_ Sediment Deposits (B2	
	ater Table (A2)		X Biotic Cru	, ,	(D40)			_ Drift Deposits (B3) (Riv	*
	ion (A3)		X Aquatic In		` ,		_	_ Drainage Patterns (B10	•
	Marks (B1) (Nonrive		Hydrogen			Linda a Da	-1- (00)	_ Dry-Season Water Tab	
	ent Deposits (B2) (No	-			eres along	-	ots (C3)	_ Thin Muck Surface (C7)
	eposits (B3) (Nonrive	erine)			ed Iron (C4	,	-	Crayfish Burrows (C8) Saturation Visible on A	orial Imagen (CO)
	e Soil Cracks (B6) tion Visible on Aerial	Imagany (B7)	Thin Much		ion in Tilled	a Solis (Ci	·)	_Saturation visible on A Shallow Aquitard (D3)	eriai irriagery (C9)
	Stained Leaves (B9)	iiiageiy (b <i>i)</i>	Other (Ex				_	FAC-Neutral Test (D5)	
	. ,			piaii ii i	omamo,				
Field Obser		/ V N	In Donath Cook		0				
			lo Depth (inch	· —	2	_			
Water Table			lo Depth (inch		0	_ \	and Usednalae	w Dresent? Voc. V	v No
Saturation P	resent? pillary fringe)	/es <u>X</u> N	lo Depth (inch	ies):	0	_ wetta	and Hydrolog	y Present? Yes	XNO
	corded Data (stream	gauge, monito	oring well, aerial ph	otos, prev	ious inspe	ctions), if a	available: n/a		
	,	0 0 /	,	· ·		,,			
_						_			
		ater and biotic	crusts at the time of	of the delin	neation and	d presence	e of Riverside	fairy shrimp indicate that	t the area supports
wetland hydro	Jiogy.								

Project/Site: Southwest Village Specific Plan		inty: San Diego, CA Sampling Date: March 29, 2019						
Applicant/Owner: Pardee Homes		State: CA	_Sampling Point: 151					
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S F	R01W			
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	f (concave, convex, none): concave Slope (%): 0-2				
Subregion (LRR): LRR-C	Lat:	32.55881		Long: -117.01900	Datum: NAD83			
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification	on: None			
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	o (If no, explain in	Remarks.)			
Are Vegetation X, Soil , or Hydrology								
Are Vegetation, SoilX, or Hydrology	 natura	ally problema	tic? Yes	(If needed, explain any ans	swers in Remarks.)			
SUMMARY OF FINDINGS – Attach site map sl	nowing sa	mpling poil	nt locations	s, transects, importan	t reatures, etc.			
Hydrophytic Vegetation Present? Yes X	_No	_ 1-4	011	A				
Hydric Soil Present? Yes X	No		he Sampled nin a Wetlan	YAC :	X No			
Wetland Hydrology Present? Yes X	No	_ ****	iiii a vvotiaii	u.				
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	es. This feature was sample	ed during the growing season	n and		
meets the wetland criteria.		,	•	·	0 0 0			
VEGETATION – Use scientific names of plants								
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works				
1. none	70 00101			Number of Dominant Sp That Are OBL, FACW, of		4)		
2.				Total Number of Domina	·	, I		
3.				Species Across All Strat		3)		
4.				Percent of Dominant Sp	pecies			
		= Total Cove	er	That Are OBL, FACW, o	or FAC: <u>100</u> (A	VB)		
Sapling/Shrub Stratum (Plot size:)								
1. none				Prevalence Index work	ksheet:			
2				Total % Cover of:	Multiply by:			
3				OBL species	x 1 =			
4				FACW species				
5				FAC species				
		= Total Cove	er	FACU species				
Herb Stratum (Plot size:)				UPL species	x 5 =			
1. Spergularia bocconi	10	Y	FACW	Column Totals:	(A)(B)	'		
2. Plagiobothrys acanthocarpus	8	Y	OBL	Prevalence Inde	ex = B/A =			
3. Plantago elongata		N	FACW	11 1 1 1 1 1 1 1 1				
4. Matricaria discoidea	1	N	FACU	Hydrophytic Vegetatio				
5. Hordeum murinum	1	N	FACU	X Dominance Test i				
6. Deinandra fasciculata	1	N	FACU	Prevalence Index				
7. Psilocarphus brevissimus 8.		N	FACW		laptations¹ (Provide supportinǫ ks or on a separate sheet)	g		
0	23	= Total Cov	·or		,			
Woody Vine Stratum (Plot size:)		- 10tai C01	/GI	Problematic Hydr	ophytic Vegetation¹ (Explain)			
1. none				1 Indicators of hydric so	il and wetland hydrology mus	, t		
2.				be present, unless dist		"		
		= Total Cove		I hadaa ahaati a	<u> </u>	-		
		- Total Cove	5 1	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum77	ver of Biotic	Crust		1 0	es X No			
Remarks: Sample area is a vernal pool that receives ru	unoff from a	relatively sma	all local micro	u-watershed. In addition to	the vernal pool consisting			
predominately of hydrophytic vegetation, it does support						ı).		
Leaf litter is present in basin.								

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Featu	ıres					
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	<u> </u>	Remarks	<u> </u>
							_			
-					· ——		-			
¹ Type: C=Co	ncentration, D=Depletion	RM=Reduced	Matrix, CS=Covere	d or Coated	Sand Grains	s. ²	Location: PL=F	ore Lining,	RC=Root Channel, M	=Matrix.
Hydric Soi	I Indicators: (Applica	ble to all LR	Rs, unless other	wise note	ed.)		Indicato	rs for Prol	olematic Hydric S	oils³:
Histoso	l (A1)		Sandy F	Redox (S5))		1 cm	Muck (A9) (LRR C)	
	pipedon (A2)			l Matrix (S					0) (LRR B)	
Black H	listic (A3)		Loamy I	Mucky Min	eral (F1)		Redu	uced Vertic	(F18)	
Hydrog	en Sulfide (A4)		Loamy (Gleyed Ma	ıtrix (F2)		Red	Parent Ma	terial (TF2)	
Stratifie	ed Layers (A5) (LRR C)	Deplete	d Matrix (F	- 3)		X Othe	r (Explain	in Remarks)	
	uck (A9) (LRR D)			Dark Surfa	. ,					
	ed Below Dark Surface	(A11)		d Dark Su	, ,					
	ark Surface (A12)			Depression	ns (F8)			-	phytic vegetation a	
	Mucky Mineral (S1)		Vernal F	Pools (F9)				-	gy must be presen	t,
Sandy	Gleyed Matrix (S4)						unles	s disturbed	d or problematic.	
Restrictive	Layer (if present):									
Type:			_							
Depth (inc	ches):						Hydric Soil I	Present?	Yes X	No
Domarka: N	lo soil pit was dug. Pe	r the 1007 de	lineation manual	bydrio ooi	lo con ho a	ooumod u	yhon a watlan	nd in domin	ested by OPL and I	=AC\W appaign
only.	1 3		,	,					, -	•
HYDROLO										
	ydrology Indicators:						<u>s</u>		Indicators (2 or n	
Primary Inc	licators (minimum of o	ne required;	check all that appl	y)					1arks (B1) (Riveri r	•
	e Water (A1)		Salt Crus				_	Sedime	nt Deposits (B2) (F	Riverine)
High W	ater Table (A2)		Biotic Cru	. ,			_	Drift De	posits (B3) (Riveri	ne)
Saturat	tion (A3)		X Aquatic I		` '		_	<u> </u>	e Patterns (B10)	
Water	Marks (B1) (Nonriveri	ne)	Hydroger	n Sulfide C	Odor (C1)		_	Dry-Sea	ason Water Table (C2)
Sedime	ent Deposits (B2) (Nor	riverine)	Oxidized	Rhizosph	eres along	Living Ro	ots (C3) _	Thin Mu	ick Surface (C7)	
Drift De	eposits (B3) (Nonriver	ine)	Presence	of Reduc	ed Iron (C4	1)	_	Crayfish	Burrows (C8)	
X Surface	e Soil Cracks (B6)		Recent Ir	on Reduct	tion in Tille	d Soils (C	6) _	Saturati	on Visible on Aeria	l Imagery (C9)
Inunda	tion Visible on Aerial Ir	magery (B7)	Thin Muc	k Surface	(C7)		_	Shallow	Aquitard (D3)	
Water-	Stained Leaves (B9)		Other (Ex	kplain in R	emarks)			FAC-Ne	eutral Test (D5)	
Field Obse	vations:									
		e N	o X Depth (inc	hes).						
Water Table			o X Depth (inc			-				
Saturation F			o X Depth (inc			— Wetls	and Hydrolog	ny Presen	t? Yes X	No
	pillary fringe)	~	o_X_bepair (inc			_ '' '	and mydrolog	gy Fiesen	t: les_X	
F	corded Data (stream g	auge. monito	ring well, aerial pl	notos, prev	ious inspe	ctions). if	available: n/a	a		
	(5 ,	J , p.	, [,,				
	though no surface wat									
indicate that	the area ponds water a	and supports	wetland hydrolog	y. Water ta	able level a	nd satura	tion are not k	nown as a	soil pit was not du	g.
LIC Army Cou	ne of Engineers								Arid West _	Varaian 2.0

US Army Corps of Engineers

Project/Site: Southwest Village Specific Plan		City/Coun	unty: San Diego, CA Sampling Date: March 29, 2019					
Applicant/Owner: Pardee Homes		State: CA Sampling Point: 152						
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W				
Landform (hillslope, terrace, etc.): mesa top		Local relief (concave, convex, none): concave Slope (%): 0-2						
Subregion (LRR): LRR-C	Lat:	32.55868		Long: -117.01908 Datum: NAD83				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None				
Are climatic / hydrologic conditions on the site typical fo	r this time of	f year? Yes	X No	o (If no, explain in Remarks.)				
Are Vegetation X, Soil , or Hydrology								
				(If needed, explain any answers in Remarks.)				
SUMMARY OF FINDINGS – Attach site map sl	nowing sa	mpling poli	nt locations	s, transects, important features, etc.				
Hydrophytic Vegetation Present? Yes X	_No	_ 1-41	011	A				
Hydric Soil Present? Yes X	No		he Sampled nin a Wetlan	YAS X NO				
Wetland Hydrology Present? Yes X	No	_ """	iiii a vvotiaii	u.				
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	es. This feature was sampled during the growing season and				
meets the wetland criteria.		·	•	, , ,				
VEGETATION – Use scientific names of plants		Daminant	la di a atau	Dominance Test worksheet:				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Number of Dominant Species				
1. none				That Are OBL, FACW, or FAC: 4 (A)				
2.				Total Number of Dominant				
3.				Species Across All Strata:5 (B)				
4.				Percent of Dominant Species That Are OBL, FACW, or FAC: 80 (A/B)				
		= Total Cove	er	That Are OBL, FACW, or FAC: 80 (A/B)				
Sapling/Shrub Stratum (Plot size:)								
1. <u>none</u>				Prevalence Index worksheet:				
2				Total % Cover of: Multiply by:				
3				OBL species1 x 1 =1				
4				FACW species 3 x 2 = 6				
5				FAC species 0 x 3 = 0 FACU species 1				
Herb Stratum (Plot size:)		= Total Cove	er	FACU species 1 x 4 = 4 UPL species 0 x 5 = 0				
1. Plagiobothrys acanthocarpus	1	Y	OBL	Column Totals: 5 (A) 11 (B)				
Spergularia bocconi	1	Y	FACW	(V)(E)				
3. Deinandra fasciculata	1	Y	FACU	Prevalence Index = B/A = 2.2				
4. Plantago elongata	1	Y	FACW	Hydrophytic Vegetation Indicators:				
5. Psilocarphus brevissimus	1	Y	FACW	X Dominance Test is >50%				
				X Prevalence Index is ≤3.0¹				
7.				Morphological Adaptations ¹ (Provide supporting				
8.				data in Remarks or on a separate sheet)				
	5	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)				
Woody Vine Stratum (Plot size:)								
1. none				¹ Indicators of hydric soil and wetland hydrology must				
2.				be present, unless disturbed or problematic.				
		= Total Cove	er	Hydrophytic				
0/ Bana Cray and in Harb Chrat are	of Distin	Omina		Vegetation				
	over of Biotic			Present? Yes X No				
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does support brevissimus, and Plantago elongata). Leaf litter is pres	rt three verna	al pool plant i						

Color (moist)	Depth	Matrix		needed to docum R	edox Feat		l	45561106	o. maioatoi s.	1	
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Location: Pt=Pore Lining, RC=Rout Channal, M=Main Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils*! Histosic (A1) Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils*! Sandy Redox (S5) 1 cm Muck (A9) (LRR B) Elack Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Redox Depletion (A2) Stratified Layers (A5) (LRR C) Depleted Matrix (F2) Red Parent Material (TF2) Redox Dark Surface (F6) Depleted Bole No Bark Surface (A11) Depleted Dark Surface (A12) Redox Dark Surface (F6) Depleted Bole No Bark Surface (A11) Depleted Dark Surface (A12) Redox Depressions (F8) Indicators of hydrophytic vegetation and wetland hydrology Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Pydric Soil Present): Pydric Soil Pr	(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	
"Type: C-Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Stand Grains. "Location: PL=Pore Lining, RC=Root Channel, M=Matrix Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils*: Histor (A1) Sandy Redox (S5) 1 cm Musk (A9) (LRR B) History (A2) Stripped Matrix (S5) 2 cm Musk (A10) (LRR B) Redox Call Stripped Matrix (S5) 2 cm Musk (A10) (LRR B) Redox Call Stripped Matrix (F2) Redoxed Vertic (F16) Redoxed Vertic (F16) Redoxed Vertic (F16) Redoxed Vertic (F17) Redox Call Stripped Matrix (F2) Redoxed Vertic (F18) Redox Call Stripped Matrix (F2) Redox Call	0-3	10YR 3/2	100					sandy clay	no redox	:	
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosel (A1) Sandy Redox (S5) 1 cm Muck (A9) (LRR C) Histosel (A2) Strippedon (A2)	3-18	10YR 4/4	100					sandy clay	no redox		
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosel (A1) Sandy Redox (S5) 1 cm Muck (A9) (LRR C) Black Histic (A2) Strippedon (A2) Stripped Matrix (S6) 2 cm Muck (A4) (LRR C) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleved Matrix (F2) Reduced Vertic (F18) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) X Other (Explain in Remarks) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F8) Depleted Bown Dark Surface (A112) Redox Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) Vernal Pools (F9) Restrictive Layer (if present): Type: Depth (inches): Restrictive Layer (if present): Type: Depth (inches): Wetland hydrology indicators of hydrophytic vegetation and wetland hydrology. This feature is a vernal pool that is seasonally ponded and may lack hydric soil indicators due to limited saturation depth, sa conditions, or other factors, which may include human-caused disturbance. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Water Marks (B1) (Nonriverine) Surface Water (A1) Salt Crust (B11) Salt Crust (B12) Saturation (A3) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation (S6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water Stained Leaves (B9) Other (Explain in Remarks) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table (Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table (Present? Yes No X Depth (inches): Water Table (Present? Yes No X Depth (inches): Water Although no surface water was present at the time of the delineation, the presence of surface soil cracks, biotic crusts, and San Diegotic Recorded D											
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Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosel (A1) Sandy Redox (S5) 1 cm Muck (A9) (LRR C) Black Histic (A2) Strippedon (A2) Stripped Matrix (S6) 2 cm Muck (A4) (LRR C) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleved Matrix (F2) Reduced Vertic (F18) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) X Other (Explain in Remarks) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F8) Depleted Bown Dark Surface (A112) Redox Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) Vernal Pools (F9) Restrictive Layer (if present): Type: Depth (inches): Restrictive Layer (if present): Type: Depth (inches): Wetland hydrology indicators of hydrophytic vegetation and wetland hydrology. This feature is a vernal pool that is seasonally ponded and may lack hydric soil indicators due to limited saturation depth, sa conditions, or other factors, which may include human-caused disturbance. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Water Marks (B1) (Nonriverine) Surface Water (A1) Salt Crust (B11) Salt Crust (B12) Saturation (A3) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation (S6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water Stained Leaves (B9) Other (Explain in Remarks) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table (Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table (Present? Yes No X Depth (inches): Water Table (Present? Yes No X Depth (inches): Water Although no surface water was present at the time of the delineation, the presence of surface soil cracks, biotic crusts, and San Diegotic Recorded D								_			
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Histosol (A1) Sardy Redox (S5) 1 cm Muck (A9) (LRR C) Histic Epipedon (A2) Stripped Martix (S6) 2 cm Muck (A10) (LRR B) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F2) Red Parent Material (TF2) Stratified Layers (A5) (LRR C) Depleted Matrix (F2) Red Parent Material (TF2) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) Vernal Pools (F9) Sandy Mucky Mineral (S1) Vernal Pools (F9) Wetland hydrology must be present. Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes No Remarks: No redox features observed. However, hydric soils are assumed here as problematic due to strong indicators of hydrophytic vegetative wetland hydrology. This feature is a vernal pool that is seasonally ponded and may lack hydric soil indicators due to limited saturation depth, sa conditions, or other factors, which may include human-caused disturbance. HYDROLOGY Wetland Hydrology Indicators: Becondary Indicators (minimum of one required; check all that apply) Water Marks (B1) (Norriverine) Sediment Deposits (B3) (Riverine) Sediment Deposits (B3) (Riverine) Sediment Deposits (B3) (Norriverine) Pyrimary Indicators (minimum of one required; check all that apply) Sediment Deposits (B3) (Norriverine) Sediment Deposits (B3) (Norriverine) Pyrise of reduced fron (C4) Dry-Season Water Table (C2) Sediment Deposits (B3) (Norriverine) Pyrise of reduced fron (C4) Pyrise assuration (F8) Pyrise of reduced fron (C4) Crayfish Burrows (C8) Presence of Reduced fron (C4) Crayfish Burrows (C8) Pyrise of Crayfish Burrows (C8) Pyrise of Carbot (B6) Recent for Reduced fron (C4) Crayfish Burrows (C8) Pyrise of							2				
Histic Epipedon (A2)	-		cable to all I	•		•				-	ls°:
Black Histic (A3)					•	•					
Hydrogen Sulfide (A4)		,			•	,			, , ,	,	
Stratified Layers (A5) (LRR C)		` '			•	` '			`	,	
Depleted Below Dark Surface (A11)			(C)	Deplete	d Matrix (F	- 3)					
Thick Dark Surface (A12)		. , . ,				` '					
Sandy Mucky Mineral (S1)			ace (A11)			` '		31 11 (
Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Remarks: No redox features observed. However, hydric soils are assumed here as problematic due to strong indicators of hydrophytic vegetative wetland hydrology. This feature is a vernal pool that is seasonally ponded and may lack hydric soil indicators due to limited saturation depth, sa conditions, or other factors, which may include human-caused disturbance. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Sufface Water (A1) Salt Crust (B11) Saturation (A3) Saturation (A3) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Saturation Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Saturation Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Saturation Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Cincludes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a		, ,				ns (F8)				•	1
Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes		• ,		vernar	-00is (F9)						
Type: Depth (inches): Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Hydric Soil Present? Yes No Conditions of Nydrophytic vegetative vetal day on the factors of the factors of hydrophytic vegetative vetal day on the factors of hydrophytic vegetative vetal day on the factors of hydrophytic vegetative vetal and hydrology. Indicators of hydrophytic vegetative vetal and hydrology indicators of hydrophytic vegetative vetal vetal and hydrology indicators of hydrophytic vegetative vetal vetal vetal possible of hydrophytic vegetative vetal veta											
Depth (inches):	_	Layer (II present).									
Remarks: No redox features observed. However, hydric soils are assumed here as problematic due to strong indicators of hydrophytic vegetative wetland hydrology. This feature is a vernal pool that is seasonally ponded and may lack hydric soil indicators due to limited saturation depth, sa conditions, or other factors, which may include human-caused disturbance. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Sufface Water (A1) Saturation (A3) X Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Remarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks, biotic crusts, and San Diegot Remarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks, biotic crusts, and San Diegot Remarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks, biotic crusts, and San Diegot	· · · · ·	hee):						Hydric Soil E	Procent?	Voc N	No x
Wetland Hydrology Indicators: Secondary Indicators (2 or more or Primary Indicators (minimum of one required; check all that apply) Water Marks (B1) (Riverine) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B3) (Riverine) High Water Table (A2) X Biotic Crust (B12) Drift Deposits (B3) (Riverine) Saturation (A3) X Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Wetland Hydrology Present? Yes X No Des				io naman oddood d							
Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Riverine) Saturation (A3) Water Marks (B1) Saturation (A3) Water Marks (B1) (Nonriverine) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B3) (Riverine) Drift Deposits (B3) (Riverine) Drift Deposits (B2) (Riverine) Drift Deposits (B1) Drainage Patterns (B10) Drainage Pa											
Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine)	_							<u>Se</u>			
High Water Table (A2) X Biotic Crust (B12) Drift Deposits (B3) (Riverine) Saturation (A3) X Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Image Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (i		•	f one required	•							
Saturation (A3) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Thin Muck Surface (C7) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No Yes		` '			• •						
Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): No Saturation Present? Yes No Saturation Pre	•	, ,			` ,	(D42)			_)
Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Thin Muck Surface (C7) Other (Explain in Remarks) Field Observations: Surface Water Present? Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks, biotic crusts, and San Diego.			orino)			, ,		_			D)
Drift Deposits (B3) (Nonriverine) X Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Field Observations: Surface Water Present? Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Surface Water Present? Yes No X Depth (inches): Saturation Present? Seturation Present? Yes No X Depth (inches): Saturation Present? Yes X No X No X Depth (inches): Saturation Present? Yes X No X No X Depth (inches): Saturation Present? Yes X No X No X Depth (inches): Saturation Present? Yes X No X No X Depth (inches): Saturation Present? Yes X No X No X Depth (inches): Saturation Present? Yes X No X No X Depth (inches): Saturation Present? Yes X No X No X Depth (inches): Saturation Present? Yes X No X No X Depth (inches): Saturation Present? Yes X No X No X Depth (inches): Saturation Present? Yes X No X No X Depth (inches): Saturation Present? Yes X No X N				· ·		. ,	vina Ro	ots (C3)		•	-)
X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Image Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks, biotic crusts, and San Diego.			•			_	vii ig i to				
Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks, biotic crusts, and San Diego			·············				Soils (C	6)	-		magery (C9)
Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No _X _ Depth (inches): Water Table Present? Yes No _X _ Depth (inches): Saturation Present? Yes No _X _ Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks, biotic crusts, and San Diego			ıl Imagery (B7				`	_			0 , ()
Surface Water Present? Yes No _X _ Depth (inches): Water Table Present? Yes No _X _ Depth (inches): Saturation Present? Yes No _X _ Depth (inches): Wetland Hydrology Present? Yes X _ No _ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks, biotic crusts, and San Diego					xplain in R	emarks)		<u> </u>	FAC-Neutra	l Test (D5)	
Surface Water Present? Yes No _X _ Depth (inches): Water Table Present? Yes No _X _ Depth (inches): Saturation Present? Yes No _X _ Depth (inches): Wetland Hydrology Present? Yes X _ No _ (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks, biotic crusts, and San Diego	Field Observ	vations:									
Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks, biotic crusts, and San Diego			Yes	No X Depth (inc	hes):						
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks, biotic crusts, and San Diego	Water Table	Present?	Yes	No X Depth (inc	hes):						
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks, biotic crusts, and San Diego			Yes	No X Depth (inc	:hes):		Wetla	and Hydrolog	y Present?	Yes X	lo
Remarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks, biotic crusts, and San Diego						d t	> : c				
	Describe Rec	orded Data (stream	n gauge, mon	itoring well, aerial p	notos, pre	lous inspect	ons), it	avaliable: n/a			
	Remarks: Alt	hough no surface v	vater was pre	sent at the time of t	he delinea	tion, the pres	ence of	surface soil c	racks, biotic cr	usts, and San D	iego fairy
	shrimp indicat	te that the area por	nds water and	supports wetland h	ydrology.						

Project/Site: Southwest Village Specific Pla	ın		City/Cour	nty: San Diego	o, CA	Sampling Date: N	March 29, 2019
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 1	153	
Investigator(s): Beth Procsal, JR Sundberg			Section,	Township, R	ange: Section 31, T18S F	- R01W	
Landform (hillslope, terrace, etc.): mesa top)		 Local re	lief (concave,	convex, none): concave	Slope	(%): 0-2
Subregion (LRR): LRR-C		Lat: 3	 32.558249		Long: -117.018740	 Datum:	NAD83
Soil Map Unit Name: Huerhuero loam, 2 to	9 percent sl				NWI classification		
Are climatic / hydrologic conditions on the s	ite typical for	this time of	f year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or H	lydrology	signifi	icantly disturb	ped? Yes A	 Are "Normal Circumstance	s" present? Yes	X No
Are Vegetation, Soil, or H							
SUMMARY OF FINDINGS – Attach s	ite map sh	owing sa	mpling poi	nt locations	s, transects, importan	t features, etc.	
Hydrophytic Vegetation Present? Y	es	No X		ha Camaniad	.		
Hydric Soil Present? Y	es	No X		he Sampled <i>i</i> hin a Wetland	VΔC	NoX	_
Wetland Hydrology Present? Y	es X	No	_ """	ini a rrotiani	••		
does not meet the wetland criteria. VEGETATION – Use scientific name	s of plants						
Tree Stratum (Plot size:	١	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works		
1. none	/	70 COVE	оресіез:	Otatus	Number of Dominant Sp That Are OBL, FACW, or		(A)
2.					Total Number of Domina	ant	(/ //
3					Species Across All Strat		(B)
4					Percent of Dominant Sp That Are OBL, FACW, o		(A/B)
Continue (Charth Charthan (Dight size)	,		= Total Cov	er	, , ,		` ` '
Sapling/Shrub Stratum (Plot size:1. none)				Prevalence Index work	vehoot:	
2					Total % Cover of:	Multiply	bv.
3					OBL species	x 1 =	
					FACW species		
5.					FAC species	x 3 =	
			= Total Cov	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
1 none					Column Totals:	(A)	(B)
2					Prevalence Inde	x = B/A =	
4.					Hydrophytic Vegetatio	n Indicators:	
5					Dominance Test i	s >50%	
6					Prevalence Index	is ≤3.0¹	
7. 8.						aptations¹ (Provide ks or on a separate	
J			= Total Co	ver		ophytic Vegetation ¹	,
Woody Vine Stratum (Plot size:)		Total Go	VOI	FIODIEITIALICTIYUN	Spriyuc vegetation	(Ехріаііт)
1. none	′				¹ Indicators of hydric so be present, unless dist		
2					' '	-	10.
% Bare Ground in Herb Stratum	% Cov	er of Biotic	= Total Cov	er	Hydrophytic Vegetation Present? Yes	es No	X
Remarks: Sample area is a vernal pool tha				all local micro			
vegetation cover insufficient (less than 5%)							

Profile Desc	cription: (Describe to	the depth nee	eded to docum	ent the ind	licator or	confirm t	he absen	ce of indicators	s.)
Depth	Matrix			edox Featu			_		
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	Text	ure	Remarks
				· ———					
							_		
	ncentration, D=Depletion					s. ²	Location: Pl	L=Pore Lining, RC	=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Application	able to all LRR	s, unless othe	rwise noted	d.)		Indica	tors for Proble	matic Hydric Soils³:
Histoso	I (A1)		Sandy	Redox (S5)			1	cm Muck (A9) (I	_RR C)
Histic E	pipedon (A2)		Strippe	d Matrix (S6	6)		2	cm Muck (A10)	(LRR B)
Black H	listic (A3)		Loamy	Mucky Mine	eral (F1)		R	educed Vertic (F	18)
Hydrog	en Sulfide (A4)		Loamy	Gleyed Mat	rix (F2)		R	ed Parent Mater	ial (TF2)
Stratifie	d Layers (A5) (LRR 0	;)	Deplete	d Matrix (F	3)		Ot	ther (Explain in I	Remarks)
1 cm M	uck (A9) (LRR D)		Redox	Dark Surfac	e (F6)				
Deplete	d Below Dark Surface	e (A11)	Deplete	d Dark Sur	face (F7)				
Thick D	ark Surface (A12)		Redox	Depression	s (F8)		³ Indica	ators of hydrophy	ytic vegetation and
Sandy I	Mucky Mineral (S1)		Vernal	Pools (F9)			we	tland hydrology	must be present,
Sandy 0	Gleyed Matrix (S4)						un	less disturbed o	r problematic.
Restrictive	Layer (if present):								
Type:	, , ,								
Depth (inc	:hes):						Hydric So	oil Present?	Yes No X
				the hydropi	nytic veget	tation star	ndard to be	e considered a w	vetland. Therefore, no soil pit
was dug and	d hydric soils are not o	considered to be	e present.						
HYDROLO	GY								
Wetland H	ydrology Indicators:							Secondary Inc	dicators (2 or more required)
1	icators (minimum of c		eck all that app	lv)				1	ks (B1) (Riverine)
	Water (A1)		Salt Cru	• /					Deposits (B2) (Riverine)
	ater Table (A2)			ust (B12)					sits (B3) (Riverine)
_ ·	` ,			, ,	- (D40)				, , ,
	ion (A3)		X Aquatic		` ,				Patterns (B10)
l —	Marks (B1) (Nonriver	-		n Sulfide O					n Water Table (C2)
l —	ent Deposits (B2) (No	-		Rhizosphe	_	-	ots (C3)		Surface (C7)
Drift De	eposits (B3) (Nonrive	rine)	Presenc	e of Reduce	ed Iron (C4	l)			urrows (C8)
X Surface	Soil Cracks (B6)		Recent I	ron Reducti	on in Tilled	d Soils (C	6)	Saturation	Visible on Aerial Imagery (C9)
Inundat	tion Visible on Aerial I	magery (B7)	Thin Mu	ck Surface ((C7)			Shallow Ad	quitard (D3)
Water-9	Stained Leaves (B9)		Other (E	xplain in Re	emarks)			FAC-Neutr	al Test (D5)
Field Obser	vations:								
Surface Wat		es No	X Depth (inc	:hes)·					
Water Table			Depth (inc			-			
Saturation P		es No				— Wotls	and Hydro	logy Present?	Yes X No
	pillary fringe)	NO	pehin (inc	, ios)		_ vveuc	ana nyunu	aogy Fieseiit!	103 <u>/</u> 110
	corded Data (stream o	auge, monitorir	ng well, aerial b	hotos, previ	ous insped	ctions). if	available:	n/a	
		,9-,	.у, р	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,			
Remarks: Alt	though no surface wa	ter was present	at the time of t	he delineati	on, the po	ol did reta	ain water o	ver the rainy sea	ason and fairy shrimp surveys
		·			•		mmature f	airy shrimp indic	cate that the area supports
wetland hydro	ology. Water table lev	el and saturatio	n are not know	n as a soil p	it was not	dug.			
110 4	· - ·				-				A : 1114/ / 1/ : 0.0

Project/Site: Southwest Village Specific Plan	o, CA	Sampli	ing Date:	March 29, 20)19			
Applicant/Owner: Pardee Homes			State: C	CA Sampli	ing Point:	154		
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T	18S R01W			
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): con	cave	Slope	e (%): <u>0-2</u>	
Subregion (LRR): LRR-C	Lat:	32.55803034	650	Long: -117.01859	957300	Datum	n: NAD83	
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI class	ification: Non	e		
Are climatic / hydrologic conditions on the site typical fo	r this time of	f year? Yes	X No	(If no, expl	lain in Remark	ks.)		
Are Vegetation X, Soil , or Hydrology	signif	icantly disturt	ped? Yes A	Are "Normal Circums	stances" prese	ent? Yes	X No	
Are Vegetation Soil , or Hydrology								
SUMMARY OF FINDINGS – Attach site map si								
Hydrophytic Vegetation Present? Yes X	No							
Hydric Soil Present? Yes	No X	I	he Sampled	Ye	s N	lo X		
Wetland Hydrology Present? Yes X	No	_ with	hin a Wetland	u r				
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	s This feature was s	sampled durin	a the arov	ving season a	and
does not meet the wetland criteria.			pastia.ia ass			.ge g.e.	9 5545511 4	
VEGETATION – Use scientific names of plants								
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test				
1. none	70 00101	_орооноо	Clatas	Number of Domina That Are OBL, FA			1 (A)	
2.				Total Number of D			(/ \/	
3.				Species Across Al			2 (B)	
4.				Percent of Domina			,	
		= Total Cov	er	That Are OBL, FA	CW, or FAC:		50 (A/B	3)
Sapling/Shrub Stratum (Plot size:)								
1. none				Prevalence Index	worksheet:			
2				Total % Cover	r of:	Multipl	y by:	
3				OBL species	5 >	x 1 =	5	
4				FACW species		x 2 =		
5				FAC species		x 3 =	6	
Harle Christians (Diet sine)		= Total Cov	er	FACU species		x 4 =	32	
Herb Stratum (Plot size:) 1. Mesembryanthemum nodiflorum	5	Y	FACU	Column Totals:		x 5 = (A)	53 (B)	
Bromus diandrus	1	N	UPL	Column Totals.			<u>(D)</u>	
3. Plagiobothrys acanthocarpus	5	Y	OBL	Prevalence	e Index = B/A	= 3.1		
4. Lepidium nitidum	1	N	FAC	Hydrophytic Veg	etation Indic	ators:		-
5. Hordeum murinum		N	FACU		Test is >50%			
6. Festuca perennis	1	N	FAC		Index is ≤3.0¹			
7. Erodium botrys	1	N	FACU	<u> </u>	cal Adaptation		e supporting	
8. Glebionis coronaria	1	N	UPL	<u> </u>	Remarks or on	`		
	17	= Total Co	ver	Problematic	: Hydrophytic	Vegetation	า ¹ (Explain)	
Woody Vine Stratum (Plot size:)					, , ,	3	(1 /	
1. none				¹ Indicators of hyd	Iric soil and we	etland hyd	irology must	
2.				be present, unles	s disturbed o	r problema	atic.	
		= Total Cov	er	Hydrophytic				
W Down Organization Heart Of the Control of the Con		0		Vegetation	V.		V	
	ver of Biotic			Present?	Yes	No		
Remarks: Sample area is a vernal pool that receives ru					nal pool does	not consis	t predominate	ely
of hydrophytic vegetation. It does support one vernal po	oo piani indi	cator species	(riagiobothry	ys acaninocarpus).				

Profile Desc Depth	ription: (Describe to Matrix	the depth nee		ent the inc		confirm t	the absence of	indicators.)
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
(110103)	00101 (1110131)		Joioi (moist)		Турс	LOC	TOXIGIO	
								_
							-	-
							_	
								<u> </u>
1Type: C=Co	 ncentration, D=Depletion		latrix CS=Covere	d or Coated	Sand Grains	. 2	l ocation: PI =Por	e Lining, RC=Root Channel, M=Matrix.
	Indicators: (Application					5.		for Problematic Hydric Soils ³ :
-		able to all LNN						•
Histoso				Redox (S5)				Muck (A9) (LRR C)
_	pipedon (A2)			Matrix (Se	,			luck (A10) (LRR B)
	istic (A3)			Mucky Min	. ,			ed Vertic (F18)
	en Sulfide (A4)			Gleyed Ma				arent Material (TF2)
	d Layers (A5) (LRR 0	>)		d Matrix (F	,		Other (Explain in Remarks)
	uck (A9) (LRR D)			Dark Surfac	` '			
	d Below Dark Surfac	e (A11)		d Dark Sur				
	ark Surface (A12)			Depression	s (F8)			of hydrophytic vegetation and
_ ·	Mucky Mineral (S1)		Vernal F	Pools (F9)				hydrology must be present,
Sandy 0	Gleyed Matrix (S4)						unless o	disturbed or problematic.
Restrictive	Layer (if present):							
Type:	, , ,							
Depth (inc	hoe):						Hydric Soil Pre	esent? Yes No X
							t the hydrophyt	ic vegetation standard to be considered a
wetland. The	erefore, no soil pit wa	s dug and hydri	c soils are not c	onsidered t	to be prese	ent.		
HYDROLOG								
_	drology Indicators:							condary Indicators (2 or more required)
Primary Ind	cators (minimum of c	ne required; ch	eck all that appl	y)				Water Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		X Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)
Saturati	on (A3)		X Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)
	/larks (B1) (Nonriver	ine)		n Sulfide O	, ,			Dry-Season Water Table (C2)
l —	nt Deposits (B2) (No			Rhizosphe		Livina Ro		Thin Muck Surface (C7)
		-			_			
l —	posits (B3) (Nonrive	inte)		of Reduce	-			Crayfish Burrows (C8)
	Soil Cracks (B6)			on Reduct		d Soils (C		Saturation Visible on Aerial Imagery (C9)
Inundat	ion Visible on Aerial I	magery (B7)		k Surface				Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	kplain in Re	emarks)			FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		os Na	Y Donth /inc	hec).				
		es No_				_		
Water Table		es No						
Saturation P		es No	Depth (inc	hes):		_ Wetla	and Hydrology	Present? Yes X No
(includes cap		••	p			, , ,		
Describe Rec	orded Data (stream o	gauge, monitorir	ng well, aerial ph	notos, prev	ious inspe	ctions), if	available: n/a	
D						-		
	•	•			ion, the pre	esence of	surface soil cra	acks, biotic crusts, and San Diego fairy
snrinp indica	te that the area pond	s water and sup	ports wetland h	yarology.				

Project/Site: Southwest Village Specific Plan		City/Count	ty: San Diego	o, CA	Samp	oling Date:	March	29, 2019	
Applicant/Owner: Pardee Homes	State: CA Sampling Point: 155								
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31,	T18S R01W				
Landform (hillslope, terrace, etc.): mesa top		Local reli	ef (concave,	convex, none): cor	ncave	Slop	oe (%):	0-2	
Subregion (LRR): LRR-C	Lat:	32.55849		Long: -117.01857	7	Datu	m: NAD	83	
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s					sification: No	ne			
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	(If no, exp	olain in Rema	rks.)			
Are Vegetation X, Soil , or Hydrology				·			X	No	
Are Vegetation, Soil, or Hydrology									
SUMMARY OF FINDINGS – Attach site map sl	nowing sa	mpling poin	it locations	s, transects, imp	ortant feati	ures, etc	•		
Hydrophytic Vegetation Present? Yes	_NoX			_					
Hydric Soil Present? Yes	No X	15 111	e Sampled A	V	es	No X			
Wetland Hydrology Present? Yes X	No	_ with	iii a vvetiaiit	a f					
Remarks: The majority of the vegetation on the site ha	as been disti	urbed due to r	ast land use	s This feature was	sampled duri	ing the arc	wing se	ason and	
does not meet the wetland criteria.	ao boon alon	andou duo to p	aot iai ia aoo	o. This locators was	oampioa aan	ing the gre	Willing oc	acon and	
VEGETATION - Use scientific names of plants	s.								
Trace Observations (Distriction	Absolute	Dominant	Indicator	Dominance Test	worksheet:				
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Domir				(4)	
				That Are OBL, FA		: <u></u>	4	(A)	
2				Total Number of I Species Across A			0	(D)	
				Percent of Domin			8	(B)	
4		= Total Cove		That Are OBL, FA		: <u></u>	50	(A/B)	
Sapling/Shrub Stratum (Plot size:)		- Total Cove	ı						
1. none				Prevalence Inde	x worksheet	•			
2.				Total % Cove			oly by:		
3.				OBL species	2	x 1 =	2	_	
4.				FACW species	2	x 2 =	4	_	
5.				FAC species	0	x 3 =	0	_	
		= Total Cove	r	FACU species	4	x 4 =	16	_	
Herb Stratum (Plot size:				UPL species	2	x 5 =	10		
1. Psilocarphus brevissimus	1	Υ	FACW	Column Totals:	10	(A)	32	(B)	
2. Plagiobothrys acanthocarpus	1	Y	OBL	Provolono	ce Index = B/A	2 2			
3. Hordeum murinum	2	Υ	FACU	Frevalenc	e iliuex – b/F	\ - <u>3.2</u>		_	
4. Plantago elongata	1	Υ	FACW	Hydrophytic Veg	getation Indi	cators:			
5. Lythrum hyssopifolia	1	Υ	OBL	Dominance	e Test is >50%	%			
6. Erodium botrys	1	Υ	FACU	Prevalence	e Index is ≤3.0	O ¹			
7. Glebionis coronaria	2	Y	UPL		ical Adaptatio				
8. Mesembryanthemum nodiflorum	1	Υ	FACU	data in f	Remarks or o	n a separa	ate shee	et)	
	10	= Total Cov	er	Problemati	c Hydrophytic	c Vegetatio	on¹ (Exp	lain)	
Woody Vine Stratum (Plot size:)									
1. none				¹ Indicators of hy				must	
2				be present, unle	ss disturbed	or problem	natic.		
		= Total Cove	r	Hydrophytic					
% Bare Ground in Herb Stratum 90 % Co	over of Biotic	Cruet		Vegetation Present?	Yes	N	o X		
Remarks: Sample area is a vernal pool that receives ruhydrophytic vegetation. It does support three vernal pool									
elongata). Leaf litter is present in basin.	or prairic il luito	aroi apeoies (i	iagioboli ii y	5 acammocarpus, Pt	onocai prius D	. o viooii ius	, and F	iai ilayu	

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ires		_		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Rema	rks
1_ 0 0						2,			
	centration, D=Depletion,					3. "I		ore Lining, RC=Root Channel	
Hydric Soil	Indicators: (Applica	ble to all LRI	Rs, unless other	vise note	d.)		Indicator	s for Problematic Hydric	: Soils³:
Histosol	(A1)		Sandy R	edox (S5)			1 cm	Muck (A9) (LRR C)	
Histic Ep	ipedon (A2)		Stripped	Matrix (S	6)		2 cm	Muck (A10) (LRR B)	
Black Hi	stic (A3)		Loamy M	lucky Min	eral (F1)			ced Vertic (F18)	
— Hydroge	n Sulfide (A4)			Sleyed Ma				Parent Material (TF2)	
	Layers (A5) (LRR C)		l Matrix (F				(Explain in Remarks)	
	ck (A9) (LRR D)	,		ark Surfa	,			(=	
	Below Dark Surface	(Δ11)		l Dark Su	` '				
	ark Surface (A12)	(711)		epression			3Indicator	s of hydrophytic vegetatio	n and
				•	15 (1 0)				
	lucky Mineral (S1)		vemai P	ools (F9)				nd hydrology must be pres	
Sandy G	ileyed Matrix (S4)						uniess	s disturbed or problematic	•
Restrictive L	.ayer (if present):								
Type:									
Depth (inch	nec).		_				Hydric Soil F	Present? Yes	No X
Deptil (illici			_				Tiyunc Son i	1636Ht: 163	- NO X
HYDROLOG	Ϋ́								
	drology Indicators:						94	econdary Indicators (2 o	r more required)
_		oo roquirod: a	hook all that apply	٨			<u> </u>		
	cators (minimum of or	ne required, d						_ Water Marks (B1) (Rive	•
	Water (A1)		Salt Crust					Sediment Deposits (B2)	
High Wa	ater Table (A2)		X Biotic Cru	st (B12)				_ Drift Deposits (B3) (Rive	erine)
Saturation	on (A3)		X Aquatic In	vertebrate	es (B13)			Drainage Patterns (B10)
— Water M	larks (B1) (Nonriveri	ne)	—— Hydrogen	Sulfide C	dor (C1)		·	Dry-Season Water Tabl	e (C2)
	nt Deposits (B2) (Non				eres along l	Livina Roc	ots (C3)	Thin Muck Surface (C7)	
	posits (B3) (Nonriver			•	ed Iron (C4	•		Crayfish Burrows (C8)	
		<i>)</i>			•	,			rial Image - (CC)
	Soil Cracks (B6)				ion in Tilled	3 Solis (Co	P)	_Saturation Visible on Ae	riai imagery (C9)
	on Visible on Aerial Ir	nagery (B7)	Thin Muc		. ,			_ Shallow Aquitard (D3)	
Water-S	tained Leaves (B9)		Other (Ex	plain in R	emarks)			_FAC-Neutral Test (D5)	
Field Observ	rations:								
		na Na	a V Danth (inch						
Surface Water			Depth (inch			-			
Water Table			Depth (inch			_			
Saturation Pr		es No	DEPth (inch	nes):		_ Wetla	nd Hydrolog	y Present? Yes X	No
(includes cap									
Describe Reco	orded Data (stream ga	auge, monitor	ring well, aerial ph	otos, prev	ious inspec	ctions), if a	available: n/a	l	
								s, biotic crusts, and imma	
indicate that th	ne area ponds water a	and supports	wetland hydrology	. Water ta	able level a	nd saturat	ion are not kr	nown as a soil pit was not	dug.

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA	Sampling Date	e: March 29, 2019			
Applicant/Owner: Pardee Homes	State: CA Sampling Point: 157								
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18	S R01W				
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concav	ve Slo	pe (%): <u>0-2</u>			
Subregion (LRR): LRR-C	Lat:	32.55935		Long: <u>-117.01903</u>	Datı	um: NAD83			
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	slopes			NWI classific	ation: None				
Are climatic / hydrologic conditions on the site typical for	r this time of	f year? Yes	X No	o(If no, explair	າ in Remarks.)				
Are Vegetation X, Soil , or Hydrology	signif	icantly disturb	ed? Yes	Are "Normal Circumsta	nces" present? Ye	sXNo			
Are Vegetation, Soil, or Hydrology _	natur	ally problema	tic? Yes	(If needed, explain any	answers in Remarl	ks.)			
SUMMARY OF FINDINGS – Attach site map s	howing sa	mpling poi	nt locations	s, transects, import	ant features, etc	> .			
Hydrophytic Vegetation Present? Yes	No X								
Hydric Soil Present? Yes	No X		he Sampled . hin a Wetland	Yes	No>	X			
Wetland Hydrology Present? Yes X	_No	_ ****	iiii a vvotiaii	u.					
Remarks: The majority of the vegetation on the site h does not meet the wetland criteria. VEGETATION – Use scientific names of plant		urbed due to	past land use	s. This feature was san	npled during the gr	owing season and			
	Absolute	Dominant	Indicator	Dominance Test wo	orksheet:				
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant	Species				
1. none				That Are OBL, FACV	V, or FAC:	(A)			
2				Total Number of Don Species Across All S					
3				Percent of Dominant		(B)			
4				That Are OBL, FACV	•	40 (A/B)			
Sapling/Shrub Stratum (Plot size:)		= Total Cove	er						
1. none				Prevalence Index w	orksheet:				
2.		-		Total % Cover of		iply by:			
3.				OBL species	0 x 1 =	0			
4.				FACW species	2 x 2 =	8			
5.				FAC species	0 x 3 =	0			
		= Total Cove	er	FACU species	3 x 4 =	12			
Herb Stratum (Plot size:)				UPL species	0 x 5 =	0			
Psilocarphus brevissimus	1	Y	FACW	Column Totals:	5 (A)	(B)			
2. Hordeum murinum	1	Y	FACU	Prevalence Ir	ndex = B/A = 4.0				
3. Erodium botrys	1	Y	FACU						
4. Spergularia bocconi	1	<u> </u>	FACW	Hydrophytic Vegeta	tion Indicators:				
5. Mesembryanthemum nodiflorum	1	Y	FACU	Dominance Te					
6.				Prevalence Inc					
7. 8.					Adaptations ¹ (Prov narks or on a separ				
0.	5	= Total Cov			·	,			
Woody Vine Stratum (Plot size:)		- 10tal C01	/ei	Problematic Hy	ydrophytic Vegetati	on¹ (Expiain)			
1. none				¹ Indicators of hydric	soil and wetland h	vdrology must			
2.				be present, unless of					
		= Total Cove		Hydrophytic					
		rotal oov	0 1	Vegetation					
% Bare Ground in Herb Stratum95	over of Biotic	Crust		Present?	Yes N	loX			
Remarks: Sample area is a vernal pool that receives re hydrophytic vegetation. It does support one vernal pool									

Profile Desc Depth	ription: (Describe to Matrix	the depth nee		ent the inc		confirm t	the absence of	findicators.)
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
(ITICITES)	Color (moist)		oloi (moist)		туре .	LOC	Texture	
								_
							-	
							_	
1Type: C=Co	 ncentration, D=Depletion		latrix CS=Covere	d or Coated	Sand Grains	. 2	2 ocation: PL =Por	re Lining, RC=Root Channel, M=Matrix.
	Indicators: (Applica					5.		for Problematic Hydric Soils ³ :
Histoso				Redox (S5)				Muck (A9) (LRR C)
_				l Matrix (S6				
_	pipedon (A2)			,	,			Muck (A10) (LRR B)
	istic (A3)			Mucky Mine	. ,			ed Vertic (F18)
	en Sulfide (A4)			Gleyed Mat				arent Material (TF2)
	d Layers (A5) (LRR C	ه)		d Matrix (F	,		Other ((Explain in Remarks)
	uck (A9) (LRR D)	(4.4.4)		ark Surfac	` '			
	d Below Dark Surface	e (A11)		d Dark Sur			21 11 1	
	ark Surface (A12)			Depression	s (F8)			of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal F	Pools (F9)				I hydrology must be present,
Sandy 0	Gleyed Matrix (S4)						unless	disturbed or problematic.
Restrictive	Layer (if present):							
Type:								
Depth (inc	hes):						Hydric Soil Pro	esent? Yes No X
							et the hydrophyt	ic vegetation standard to be considered a
welland. The	erefore, no soil pit was	s dug and nydno	solis are not co	onsidered i	to be prese	ent.		
HYDROLOG	2V							
	/drology Indicators:						900	condary Indicators (2 or more required)
_	icators (minimum of c		ook all that appl)			·	
	,	nie required, ch		,				Water Marks (B1) (Riverine)
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)
Saturat	on (A3)		Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)			Dry-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	oots (C3)	Thin Muck Surface (C7)
	posits (B3) (Nonrive			of Reduce	_			Crayfish Burrows (C8)
	Soil Cracks (B6)			on Reducti	-			Saturation Visible on Aerial Imagery (C9)
						u oons (o		
	ion Visible on Aerial I	magery (B7)		k Surface				Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (E)	oplain in Re	emarks)			FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat	er Present? Y	es No	X Depth (inc	hes):				
Water Table		es No				_		
Saturation P		es No				_	and Hydrology	Present? Yes X No
(includes cap		110_	Dopui (iiic			_	and right ology	100 <u>/</u> /
	orded Data (stream o	auge, monitorin	ng well, aerial ph	otos, prev	ious inspe	ctions). if	available: n/a	
		,	·9 ····., ····· p·	, , , , , , , , , , , , , , , , , , , ,		,		
Remarks: Alt	hough no surface wa	ter was present	at the time of th	ne delineati	ion, eviden	ice of surf	face soil cracks	indicate that the area ponds water and
	and hydrology. Wateı							·
I								

Project/Site: Southwest Village Specific Plan		City/County: San Diego	o, CA	Sampling Date: March 29, 2019					
Applicant/Owner: Pardee Homes		State: CA Sampling Point: 158							
Investigator(s): Beth Procsal, JR Sundberg		Section, Township, R	ange: Section 31, T18S F	- R01W					
Landform (hillslope, terrace, etc.): mesa top		Local relief (concave,	convex, none): concave	Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat:	32.556689	Long: -117.027177	Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9			NWI classification						
Are climatic / hydrologic conditions on the site	typical for this time	of year? Yes X No	(If no, explain in	Remarks.)					
Are Vegetation X, Soil , or Hydr	ology sigr	nificantly disturbed? Yes	Are "Normal Circumstance	s" present? Yes X No					
Are Vegetation, Soil, or Hydr									
SUMMARY OF FINDINGS – Attach site	map showing s	ampling point locations	s, transects, important	t features, etc.					
Hydrophytic Vegetation Present? Yes	NoX	le the Complet	A						
Hydric Soil Present? Yes	NoX	Is the Sampled within a Wetland	VΔC	NoX					
Wetland Hydrology Present? Yes	XNo		u :						
does not meet the wetland criteria. VEGETATION – Use scientific names of									
Tree Stratum (Plot size:	Absolute	Dominant Indicator Species? Status	Dominance Test works						
1. none	_ /0 COVE	_ Opecies: Otatus	Number of Dominant Sp That Are OBL, FACW, o						
2.			Total Number of Domina	ant					
3.			Species Across All Strat	(D)					
4			Percent of Dominant Sp That Are OBL, FACW, o						
Cardina/Chart Chart (Dist size)	,	= Total Cover		, ,					
Sapling/Shrub Stratum (Plot size:			Prevalence Index work	rahaati					
1. <u>none</u> 2.			Total % Cover of:	Multiply by:					
3			OBL species	x 1 =					
			FACW species						
5.			FAC species	x 3 =					
		= Total Cover	FACU species	x 4 =					
Herb Stratum (Plot size:)	_	UPL species	x 5 =					
1. none	-		Column Totals:	(B)					
2. 3.			Prevalence Index	x = B/A =					
4.			Hydrophytic Vegetatio	n Indicators:					
5			Dominance Test is	s >50%					
6			Prevalence Index	is ≤3.0 ¹					
7. 8.				aptations¹ (Provide supporting ks or on a separate sheet)					
J		= Total Cover		ophytic Vegetation¹ (Explain)					
Woody Vine Stratum (Plot size:)	-	Froblematic Hydro	opitytic vegetation (Explain)					
1none			¹ Indicators of hydric soi be present, unless dist	il and wetland hydrology must					
2			<u> </u>	arbod or problematic.					
% Bare Ground in Herb Stratum	% Cover of Biot	= Total Cover	Hydrophytic Vegetation Present? Ye	es No X					
Remarks: Sampled during the growing season	-								
indicator species were present within the basin		vo. mouniolent (less than 57	o _r so be considered hydrop	nyao. No zioole veniai puoi					

Redox Features

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth

Matrix

(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc²	Texture	Remarks
							_	
	ī				- ——	-		
							_	
			_				-	
¹ Type: C=Cor	ncentration, D=Depleti	on, RM=Reduc	ed Matrix, CS=Covered	d or Coated	I Sand Grain	ıs. ²	Location: PL=Pore	e Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Appli	cable to all L	RRs, unless other	wise note	ed.)		Indicators	for Problematic Hydric Soils ³ :
Histosol	(A1)		Sandy R	edox (S5)		1 cm M	uck (A9) (LRR C)
Histic E	pipedon (A2)		Stripped	Matrix (S	66)		2 cm M	uck (A10) (LRR B)
	istic (A3)				neral (F1)			ed Vertic (F18)
— Hydroge	en Sulfide (A4)			Sleyed Ma				rent Material (TF2)
	d Layers (A5) (LRR	(C)		d Matrix (I				Explain in Remarks)
	uck (A9) (LRR D)	,		ark Surfa	,			,
	d Below Dark Surfa	ce (A11)			rface (F7)			
	ark Surface (A12)	()		epressio	` ,		3Indicators	of hydrophytic vegetation and
	Mucky Mineral (S1)			ools (F9)	. ,			hydrology must be present,
	Gleyed Matrix (S4)			00.0 (1.0)				listurbed or problematic.
							1	
	Layer (if present):							
Type:			<u></u>					
Depth (inc	hes):						Hydric Soil Pre	esent? Yes No X_
Pomarks: T	ho campled area is	unvogotatod	and door not most t	ho hydroi	abytic yogo	tation etai	ndard to be cons	sidered a wetland. Therefore, no soil pit
	I hydric soils are no			inc riyuro	oriyuc vege	ialion sta	ildard to be con-	sidered a Welland. Therefore, no son pit
was dug and	Triyuno 30113 are 110	Considered	o be present.					
HYDROLOG	Ϋ́							
		•					Soo	andam Indicators (2 or more required)
-	drology Indicator			,			·	ondary Indicators (2 or more required)
	•	one required	l; check all that apply					Water Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)
Saturati	on (A3)		X Aquatic Ir	vertebrat	es (B13)			Drainage Patterns (B10)
Water N	Marks (B1) (Nonriv e	erine)	— Hydroger	Sulfide (Odor (C1)			Dry-Season Water Table (C2)
	nt Deposits (B2) (N		Oxidized	Rhizosph	eres along	Living Ro		Thin Muck Surface (C7)
	posits (B3) (Nonriv	-			ced Iron (C	_		Crayfish Burrows (C8)
		cilio)			`	,		• • • • • • • • • • • • • • • • • • • •
	Soil Cracks (B6)	l l (5-			tion in Tille	u solis (C		Saturation Visible on Aerial Imagery (C9)
	ion Visible on Aeria	0 , (<i>'</i>		• ,			Shallow Aquitard (D3)
Water-S	Stained Leaves (B9))	Other (Ex	plain in R	lemarks)			FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		Yes	No X Depth (incl	nes).				
Water Table			No Depth (incl			_		
								Dunnant2 Van V Na
Saturation P		res	No Depth (incl	nes):		— wetta	and Hydrology	Present? Yes X No
(includes cap		aguae men	toring well serial sh	otos pro	ious inone	otions) if	available: n/c	
Describe Kec	orueu Data (stream	gauge, mon	toring well, aerial ph	otos, pre	vious inspe	cuons), it	avaliable. N/a	
Domarka: Alt	hough no surface :	otor was are	cont at the time of th	o dolinos	tion the se	ol did rata	ain water aver th	e rainy season and fairy shrimp surveys
								hrimp indicate that the area supports
	•	•	ation are not known					many maiotic that the area supports
	J,	55.61			,	9.		
LIS Army Con	os of Engineers							Arid West – Version 2 0

Project/Site: Southwest Village Specific Pl	an		City/Coun	nty: San Dieg	o, CA	Sampling Date:	March 29, 2019		
Applicant/Owner: Pardee Homes		State: CA Sampling Point: 160							
Investigator(s): Beth Procsal, JR Sundberg			Section,	Township, R	tange: Section 31, T18S I				
Landform (hillslope, terrace, etc.): mesa to	p		Local rel	lief (concave,	convex, none): concave	Slope	e (%): 0-2		
Subregion (LRR): LRR-C		Lat:	 32.557998		Long: -117.018563	 Datum	: NAD83		
Soil Map Unit Name: Huerhuero loam, 2 t	o 9 percent s								
Are climatic / hydrologic conditions on the	site typical fo	r this time of	f year? Yes	X No	o (If no, explain in	Remarks.)			
Are Vegetation X, Soil , or	Hydrology	signif	icantly disturb	ed? Yes	Are "Normal Circumstance	es" present? Yes	X No		
					(If needed, explain any an				
SUMMARY OF FINDINGS – Attach	site map sl	howing sa	mpling poi	nt locations	s, transects, importan	t features, etc.			
Hydrophytic Vegetation Present?	Yes	No X							
Hydric Soil Present?	Yes	No X	I	ne Sampled nin a Wetlan	VΔC	NoX			
Wetland Hydrology Present?	Yes X	No	_ """	iii a wodan	u.				
does not meet the wetland criteria. VEGETATION – Use scientific name	es of plant								
Tree Stratum (Plot size:	1	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work				
1. none	/	70 COVEI	<u>opedies:</u>		Number of Dominant Sp That Are OBL, FACW, of		(A)		
2.					Total Number of Domina		(/~)		
3					Species Across All Stra		(B)		
4					Percent of Dominant Sp That Are OBL, FACW, of		(A/B)		
			= Total Cove	er	That Are ODL, PACVV, C	DITAC.	(ハロ)		
Sapling/Shrub Stratum (Plot size:)								
1. none					Prevalence Index work				
2.					Total % Cover of:	Multiply			
3.					OBL species	x 1 =			
4. 5.					FACW species FAC species	x 2 = x 3 =			
5			= Total Cove		FACU species	x 4 =			
Herb Stratum (Plot size:)		- Total Cove	51	UPL species	x 5 =			
1. none					Column Totals:	(A)	(B)		
2.					Provolence Indo	ex = B/A =			
3.					Prevalence inde	:X - D/A			
4.					Hydrophytic Vegetation	on Indicators:			
5					Dominance Test	is >50%			
6					Prevalence Index	t is ≤3.0¹			
7						laptations¹ (Provide			
8					data in Remar	ks or on a separate	e sheet)		
W 1 15 04 1 (D) 1	,		= Total Cov	/er	Problematic Hydr	ophytic Vegetation	¹ (Explain)		
Woody Vine Stratum (Plot size:)				1				
1. <u>none</u> 2.					¹ Indicators of hydric so be present, unless dist				
		0	= Total Cove	er	Hydrophytic	-			
% Bare Ground in Herb Stratum	% Co	over of Biotic	: Crust		Vegetation Present?	es No	X		
Remarks: Sample area is a vernal pool the vegetation cover insufficient (less than 5%									

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Featu	ıres						
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	_	Remarks		
				-			_				
				-	· ——		-				
					· —— ·			_			
					· —— ·						
1				.—		2	.	 			
	ncentration, D=Depletion					S. ²	Location: PL=Pore				
1 -	I Indicators: (Applica	ible to all L	•		•				atic Hydric So	oiis":	
Histoso				Redox (S5				uck (A9) (LF			
	pipedon (A2) listic (A3)			l Matrix (S Mucky Mir	•			uck (A10) (L d Vertic (F1			
	en Sulfide (A4)			Gleyed Ma				ent Materia			
	ed Layers (A5) (LRR C	:)		d Matrix (F	. ,			Explain in Re	` '		
	uck (A9) (LRR D)	,		Dark Surfa			(,		
Deplete	ed Below Dark Surface	e (A11)	Deplete	d Dark Su	rface (F7)						
Thick D	ark Surface (A12)		Redox [Depression	ns (F8)		³ Indicators o	f hydrophyti	ic vegetation ar	nd	
	Mucky Mineral (S1)		Vernal F	Pools (F9)				, ,,	nust be present	,	
Sandy	Gleyed Matrix (S4)						unless d	sturbed or p	oroblematic.		
Restrictive	Layer (if present):										
Type:											
Depth (inc	ches):						Hydric Soil Pre	sent?	⁄es	No 2	X
Remarke: T	he sampled area is ur	nyegetated	and does not meet	the hydror	hytic year	tation star	ndard to be cons	idered a we	tland Therefor	0 00 00	oil nit
LIVEROLO	OV										
HYDROLO							Coor				!
	ydrology Indicators:	no roquiros	l: abook all that anni	· /\					cators (2 or m		uirea)
	licators (minimum of o	ne required							(B1) (Riverine	-	١
	e Water (A1)		Salt Crus	, ,					eposits (B2) (Ri		,
	/ater Table (A2)		Biotic Cru	. ,	oo (D12)				s (B3) (Riverin	e)	
	tion (A3) Marka (B1) (Napriyar i	no)	X Aquatic I	nvertebrat n Sulfide C	, ,			•	tterns (B10) Water Table (C	201	
	Marks (B1) (Nonriveri				eres along	Livina Do		hin Muck S	,	,2)	
	ent Deposits (B2) (Nor eposits (B3) (Nonriver	-			ed Iron (C			Crayfish Bur	, ,		
	e Soil Cracks (B6)	iiie)			tion in Tille	•			isible on Aerial	lmager	v (C9)
	tion Visible on Aerial I	madery (R7		k Surface		J 50113 (C		Shallow Aqu		imagei	y (C3)
	Stained Leaves (B9)	magery (br		kplain in R	. ,			AC-Neutral	` '		
	. ,			фіштітт	omanto,		<u> </u>	710 1104141	1001 (20)		
Field Obser			N								
			No X Depth (inc			_					
Water Table			No Depth (inc								
Saturation P	resent? Your Your Prillary fringe)	es	No Depth (inc	nes):		_ wetia	and Hydrology I	resent?	Yes X	No	
,	corded Data (stream g	auge mon	itoring well aerial ph	notos prev	ious inspe	ctions) if	available n/a				
Describe rec	orded Data (Stream g	augo, mon	normy won, dental pr	iotoo, prov	nous mopo	ouo110), 11	avallable. 17/4				
	though no surface wa										
	ted within this pool. The						immature fairy sh	nrimp indica	te that the area	suppoi	rts
welland nydr	ology. Water table lev	ti and Satul	audii are not knowr	i as a SUll	pit was 110t	uug.					

US Army Corps of Engineers

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA	_Sampling Date: N	vlarch 29, 2019			
Applicant/Owner: Pardee Homes	State: CA Sampling Point: 161								
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S F	R01W				
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave	Slope	(%): 0-2			
Subregion (LRR): LRR-C	Lat: 3	32.55787		Long: -117.01859	 Datum:	: NAD83			
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification	on: None				
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	o (If no, explain in	Remarks.)				
Are Vegetation X, Soil , or Hydrology						X No			
Are Vegetation, SoilX, or Hydrology					_				
SUMMARY OF FINDINGS – Attach site map si	nowing sa	mpling poi	nt location	s, transects, importan	t features, etc.				
Hydrophytic Vegetation Present? Yes X	No	_ 1- 41	0 l - d	A					
Hydric Soil Present? Yes X	No		he Sampled nin a Wetlan	YAC	X No				
Wetland Hydrology Present? Yes X	No	_ ****	iiii a vvotiaii	u.					
Remarks: The majority of the vegetation on the site had meets the wetland criteria.		urbed due to	past land use	s. This feature was sampl	ed during the growi	ing season and			
VEGETATION – Use scientific names of plants	S. Absolute	Dominant	Indicator	Dominance Test works	shoot:				
<u>Tree Stratum</u> (Plot size:)	% Cover		Status	Number of Dominant Sp					
1. none				That Are OBL, FACW, of		1 (A)			
2. 3.				Total Number of Domina Species Across All Strat	to:	1 (B)			
				Percent of Dominant Sp		<u> </u>			
4		= Total Cove	 er	That Are OBL, FACW, o	or FAC: 10	00 (A/B)			
Sapling/Shrub Stratum (Plot size:)									
1. none				Prevalence Index work	ksheet:				
2.				Total % Cover of:	Multiply	by:			
3.				OBL species	x 1 =				
4.				FACW species	x 2 =				
5				FAC species	x 3 =				
		= Total Cove	er	FACU species	x 4 =				
Herb Stratum (Plot size:)				UPL species	x 5 =				
1. Festuca perennis	40	Y	FAC	Column Totals:	(A)	(B)			
2. Hordeum murinum	10	N	FACU_	Prevalence Inde	ex = B/A =				
3. Bromus diandrus	1	N	UPL	The december 41 - Manager 41 -					
Medicago polymorpha 5.	1	N	FACU_	Hydrophytic Vegetatio					
				X Dominance Test i					
7					laptations¹ (Provide	supporting			
8.					rks or on a separate				
<u> </u>	52	= Total Cov	 /er		ophytic Vegetation ¹	,			
Woody Vine Stratum (Plot size:		. 510 55		Troblematic riyar	opriyue vegetation	(Explain)			
1 none				¹ Indicators of hydric so	oil and wetland hydr	ology must			
2.				be present, unless dist					
		= Total Cove	er	Hydrophytic Vegetation					
% Bare Ground in Herb Stratum48	ver of Biotic	Crust			es X No_				
Remarks: No ACOE vernal pool plant indicator species	were prese	nt within the l	basin.						

Depth (inches)	Matrix		Re	edox Feati	ures			
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-1	10YR 3/2	98	5Y4 4/4	2	С	RC	sandy clay	redox observed
1-18	10YR 4/3	100					sandy clay	
				-				
		·						
		 .						_
¹ Type: C=Cond	centration, D=Depletic	n, RM=Reduc	ed Matrix, CS=Covere	d or Coated	Sand Grains.	2 Lo	cation: PL=Pore	Lining, RC=Root Channel, M=Matrix.
			RRs, unless other					or Problematic Hydric Soils ³ :
Histosol ((A1)		Sandy F	Redox (S5)		1 cm Mu	uck (A9) (LRR C)
	ipedon (A2)		Stripped	d Matrix (S	66)			uck (A10) (LRR B)
Black His	stic (A3)		Loamy	Mucky Mir	neral (F1)		Reduce	d Vertic (F18)
	n Sulfide (A4)			Gleyed Ma				rent Material (TF2)
	Layers (A5) (LRR	C)		d Matrix (F	,		X Other (E	Explain in Remarks)
	ck (A9) (LRR D)	(0.4.4)		Dark Surfa	` '			
	Below Dark Surface (A12)	ce (A11)			rface (F7)		3Indicators o	f hydrophytic vogotation and
	rk Surface (A12) ucky Mineral (S1)			Depressio Pools (F9)				f hydrophytic vegetation and hydrology must be present,
	leyed Matrix (S4)		vernan	0013 (1 3)				isturbed or problematic.
Type:	ayer (if present):							
			<u> </u>				Hydric Soil Pre	aant? Vaa V Na
Depth (inch							Tyunc 3011 File	sent? Yes X No No
indicators due throughout.	e to limited saturation							y ponded and may lack hydric soil disturbance. Organic matter observed
HYDROLOG								
Wetland Hyd	drology Indicators	; :					Seco	vadam, Indiaatava /2 av mava vaariivad
=								
Primary Indic	•	one required	d; check all that app					Vater Marks (B1) (Riverine)
Primary Indic	Water (A1)	one required	Salt Crus	st (B11)				Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Primary Indic Surface \ High Wa	Water (A1) ter Table (A2)	one required	Salt Crus	st (B11) ust (B12)				Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine)
Primary Indic Surface \ High War Saturatio	Water (A1) ter Table (A2) on (A3)	·	Salt Crus Biotic Cru X Aquatic I	st (B11) ust (B12) nvertebrat	` '			Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10)
Primary Indic Surface \ High War Saturatio Water Ma	Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive	rine)	Salt Crus Biotic Crus X Aquatic I Hydroge	st (B11) ust (B12) nvertebrat n Sulfide (Odor (C1)			Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
Primary Indice Surface \ High Wat Saturatio Water Mater Mate	Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No	rine) onriverine)	Salt Crus Biotic Cru X Aquatic I Hydrogei Oxidized	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph	Odor (C1) eres along L	-		Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Primary Indice Surface \ High War Saturatio Water Ma Sedimen Drift Dep	Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive tt Deposits (B2) (No	rine) onriverine)	Salt Crus Biotic Cri X Aquatic I Hydroge Oxidized Presence	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph	Odor (C1) eres along L ced Iron (C4)		s (C3)	Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Primary Indic Surface \ High War Saturatio Water Ma Sedimen Drift Dep X Surface S	Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6)	rine) onriverine) erine)	Salt Crus Biotic Cri X Aquatic I Hydroge Oxidized Presence Recent Ii	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc	Odor (C1) eres along L ced Iron (C4) tion in Tilled			Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Orayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
Primary Indice Surface \(\) High Wa' Saturatio Water Ma Sedimen Drift Dep X Surface \(\) Inundation	Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial	rine) onriverine) erine) Imagery (B7	Salt Crus Biotic Cri X Aquatic I Hydrogei Oxidized Presence Recent Ii	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduce on Reduce k Surface	Odor (C1) eres along L ced Iron (C4) tion in Tilled (C7)		s (C3)	Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9 Shallow Aquitard (D3)
Primary Indice Surface \(\) High Wa' Saturatio Water Ma Sedimen Drift Dep X Surface \(\) Inundation	Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6)	rine) onriverine) erine) Imagery (B7	Salt Crus Biotic Cri X Aquatic I Hydrogei Oxidized Presence Recent Ii	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc	Odor (C1) eres along L ced Iron (C4) tion in Tilled (C7)		s (C3)	Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Orayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
Primary Indice Surface \(\) High Wa' Saturatio Water Ma Sedimen Drift Dep X Surface \(\) Inundation	Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9)	rine) onriverine) erine) Imagery (B7	Salt Crus Biotic Cri X Aquatic I Hydrogei Oxidized Presence Recent Ii	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduce on Reduce k Surface	Odor (C1) eres along L ced Iron (C4) tion in Tilled (C7)		s (C3)	Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9 Shallow Aquitard (D3)
Primary Indice Surface \ High War Saturatio Water Ma Sedimen Drift Dep X Surface S Inundatic Water-St	Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) attions: ar Present?	rine) onriverine) erine) Imagery (B7	Salt Crus Biotic Cri X Aquatic I Hydrogei Oxidized Presence Recent II Thin Muc Other (E:	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc ron Reduc ck Surface xplain in R	Odor (C1) eres along L ced Iron (C4) tion in Tilled (C7) temarks)		s (C3)	Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Primary Indice Surface \(\) High Wat Saturatio Water Ma Sedimen Drift Dep X Surface \(\) Inundatio Water-St Field Observ.	Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) rations: or Present?	rine) conriverine) erine) Imagery (B7	Salt Crus Biotic Cru X Aquatic I Hydrogei Oxidized Presence Recent II Thin Muc Other (E: No X Depth (inc	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc ron Reduc ck Surface xplain in R hes):	Odor (C1) eres along L ced Iron (C4) tion in Tilled (C7) temarks)	Soils (C6)	s (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indice Surface V High War Saturatio Water Ma Sedimen Drift Dep X Surface S Inundatic Water-St Field Observ Surface Water Vater Table F Saturation Pre	Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) attions: ar Present?	rine) conriverine) erine) Imagery (B7	Salt Crus Biotic Cri X Aquatic I Hydrogei Oxidized Presence Recent II Thin Muc Other (E:	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc ron Reduc ck Surface xplain in R hes):	Odor (C1) eres along L ced Iron (C4) tion in Tilled (C7) temarks)	Soils (C6)	s (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indice Surface V High War Saturatio Water Ma Sedimen Drift Dep X Surface S Inundatic Water-St Field Observ Surface Water Vater Table F Saturation Pre (includes capi	Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) rations: ar Present? Present? esent?	rine) conriverine) erine) Imagery (B7 Yes Yes	Salt Crus Biotic Cru X Aquatic I Hydrogei Oxidized Presence Recent Ii Thin Muc Other (E: No X Depth (inc No X Depth (inc	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduct on Reduct on Reduct k Surface kxplain in R hes): hes):	Odor (C1) eres along L ced Iron (C4) tion in Tilled (C7) emarks)	Soils (C6)	s (C3) [Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indice Surface V High War Saturatio Water Ma Sedimen Drift Dep X Surface S Inundatic Water-St Field Observ Surface Water Vater Table F Saturation Pre (includes capi	Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) rations: ar Present? Present? esent?	rine) conriverine) erine) Imagery (B7 Yes Yes	Salt Crus Biotic Cru X Aquatic I Hydrogei Oxidized Presence Recent II Thin Muc Other (E: No X Depth (inc	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduct on Reduct on Reduct k Surface kxplain in R hes): hes):	Odor (C1) eres along L ced Iron (C4) tion in Tilled (C7) emarks)	Soils (C6)	s (C3) [Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Orayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9 Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indice Surface V High War Saturatio Water Ma Sedimen Drift Dep X Surface S Inundatic Water-St Field Observ Surface Water Vater Table F Saturation Pre (includes capi	Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) rations: ar Present? Present? esent?	rine) conriverine) erine) Imagery (B7 Yes Yes	Salt Crus Biotic Cru X Aquatic I Hydrogei Oxidized Presence Recent Ii Thin Muc Other (E: No X Depth (inc No X Depth (inc	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduct on Reduct on Reduct k Surface kxplain in R hes): hes):	Odor (C1) eres along L ced Iron (C4) tion in Tilled (C7) emarks)	Soils (C6)	s (C3) [Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Orayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9 Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indice Surface N High War Saturatio Water Ma Sedimen Drift Dep X Surface S Inundatic Water-St Field Observ Surface Water Vater Table F Saturation Pre (includes capi Describe Reco	Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) rations: or Present? present? present? present? preded Data (stream	rine) conriverine) erine) Imagery (B7 Yes Yes Yes	Salt Crus Biotic Cru X Aquatic I Hydrogei Oxidized Presence Recent II Thin Muc Other (E: No X Depth (inc No X Depth (inc No X Depth (inc itoring well, aerial pl	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduct ron Reduct ch Surface explain in R thes): thes):	Odor (C1) eres along L ced Iron (C4) tion in Tilled (C7) temarks)	Soils (C6) Wetlan ions), if av	s (C3) [Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9 Shallow Aquitard (D3) FAC-Neutral Test (D5) Present? Yes X No
Primary Indice Surface N High War Saturatio Water Ma Sedimen Drift Dep X Surface S Inundatic Water-St Field Observe Surface Water Water Table F Saturation Pre (includes capi Describe Reco	Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) rations: or Present? present? present? present? preded Data (stream	rine) conriverine) erine) Imagery (B7 Yes Yes gauge, mon	Salt Crus Biotic Cru X Aquatic I Hydrogel Oxidized Presence Recent II Thin Muc Other (E: No X Depth (inc No X Depth (inc No X Depth (inc itoring well, aerial pl	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduct ron Reduct ch Surface explain in R thes): thes):	Odor (C1) eres along L ced Iron (C4) tion in Tilled (C7) temarks)	Soils (C6) Wetlan ions), if av	s (C3) [Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Orayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9 Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indice Surface N High War Saturation Water Ma Sedimen Drift Dep X Surface S Inundation Water-St Field Observe Surface Water Water Table F Saturation Pre (includes capi Describe Reco	Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) rations: or Present? esent? elilary fringe) orded Data (stream	rine) conriverine) erine) Imagery (B7 Yes Yes gauge, mon	Salt Crus Biotic Cru X Aquatic I Hydrogel Oxidized Presence Recent II Thin Muc Other (E: No X Depth (inc No X Depth (inc No X Depth (inc itoring well, aerial pl	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduct ron Reduct ch Surface explain in R thes): thes):	Odor (C1) eres along L ced Iron (C4) tion in Tilled (C7) temarks)	Soils (C6) Wetlan ions), if av	s (C3) [Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9 Shallow Aquitard (D3) FAC-Neutral Test (D5) Present? Yes X No

Project/Site: Southwest Village Specific Plan	ic Plan City/County: San Diego, CA Sampling Date: April 11, 2019								
licant/Owner: Pardee Homes State: CA Sampling Point: 162									
Investigator(s): Beth Procsal, JR Sunberg		Section,	Township, R	ange: Section 31, T18S R01W					
Landform (hillslope, terrace, etc.): mesa top		 Local rel	lief (concave,	convex, none): concave Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat: 3	 32.558201382	250	Long: -117.01872371900 Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None					
Are climatic / hydrologic conditions on the site typical for	-	year? Yes	X No	(If no, explain in Remarks.)					
Are Vegetation X, Soil , or Hydrology			-	· 					
Are Vegetation , Soil , or Hydrology	 natura	ally problemat	tic? Yes ((If needed, explain any answers in Remarks.)					
									
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poli	nt locations	s, transects, important features, etc.					
Hydrophytic Vegetation Present? Yes	No X	_	aa Cammlad	Avon					
Hydric Soil Present? Yes	No X		ne Sampled <i>i</i> nin a Wetland	YAS NO X					
Wetland Hydrology Present? Yes X	No	_							
Remarks: The majority of the vegetation on the site ha	s been distu	urbed due to p	past land use	s. This feature was sampled during the growing season and					
does not meet the wetland criteria.									
VECETATION. He a cientific nomes of plants									
VEGETATION – Use scientific names of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:					
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species					
1. none				That Are OBL, FACW, or FAC:4(A)					
2				Total Number of Dominant					
3				Species Across All Strata: 8 (B)					
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 50 (A/B)					
Capling/Chruh Ctratum /Dlat size:		= Total Cove	er						
Sapling/Shrub Stratum (Plot size:) 1. none				Prevalence Index worksheet:					
				Total % Cover of: Multiply by:					
				OBL species 1 x 1 = 1					
4.				FACW species 4 x 2 = 8					
5.				FAC species 0 x 3 = 0					
		= Total Cove	er	FACU species 5 x 4 = 20					
Herb Stratum (Plot size:)				UPL species1 x 5 =5					
Matricaria discoidea	3	Y	FACU	Column Totals:11 (A)34(B)					
2. Plagiobothrys acanthocarpus	1	Y	OBL	Prevalence Index = B/A = 3.1					
3. Psilocarphus brevissimus	1	Y	FACW						
4. Plantago elongata	1	Y	FACW	Hydrophytic Vegetation Indicators:					
5. Bromus madritensis	1	Y	UPL	Dominance Test is >50%					
6. Hordeum murinum		Y	FACU	Prevalence Index is ≤3.0¹					
Spergularia bocconi Festuca myuros	1	Y	FACW FACU	Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)					
o. Testuca myuros	11	= Total Cov		Problematic Hydrophytic Vegetation¹ (Explain)					
Woody Vine Stratum (Plot size:)		- Total Gov	701	Problematic Hydrophytic Vegetation (Explain)					
1. none				¹ Indicators of hydric soil and wetland hydrology must					
2.				be present, unless disturbed or problematic.					
		= Total Cove	er	Hydrophytic					
				Vegetation					
	ver of Biotic			Present? Yes No X					
Remarks: Sample area is a vernal pool that receives ru									
predomince of hydrophytic vegetation, it does support to land Plantago elongata).	ııee vernal p	oooi piant indi	icator species	s (Plagiobothrys acanthocarpus, Psilocarphus brevissimus ,					
,									

Profile Desc Depth	ription: (Describe to Matrix	the depth nee		ent the inc		confirm t	the absence of	findicators.)
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
(ITICITES)	Color (moist)		oloi (moist)		туре .	LOC	Texture	
								_
							-	
							_	
1Type: C=Co	 ncentration, D=Depletion		latrix CS=Covere	d or Coated	Sand Grains	. 2	2 ocation: PL =Por	re Lining, RC=Root Channel, M=Matrix.
	Indicators: (Applica					5.		for Problematic Hydric Soils ³ :
Histoso				Redox (S5)				Muck (A9) (LRR C)
_				l Matrix (S6				
_	pipedon (A2)			,	,			Muck (A10) (LRR B)
	istic (A3)			Mucky Mine	. ,			ed Vertic (F18)
	en Sulfide (A4)			Gleyed Mat				arent Material (TF2)
	d Layers (A5) (LRR C	ه)		d Matrix (F	,		Other ((Explain in Remarks)
	uck (A9) (LRR D)	(4.4.4)		ark Surfac	` '			
	d Below Dark Surface	e (A11)		d Dark Sur			21 11 1	
	ark Surface (A12)			Depression	s (F8)			of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal F	Pools (F9)				I hydrology must be present,
Sandy 0	Gleyed Matrix (S4)						unless	disturbed or problematic.
Restrictive	Layer (if present):							
Type:								
Depth (inc	hes):						Hydric Soil Pro	esent? Yes No X
							et the hydrophyt	ic vegetation standard to be considered a
welland. The	erefore, no soil pit was	s dug and nydno	solis are not co	onsidered i	to be prese	ent.		
HYDROLOG	2V							
	/drology Indicators:						900	condary Indicators (2 or more required)
_	icators (minimum of c		ook all that appl)			·	
	,	nie required, ch		,,				Water Marks (B1) (Riverine)
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)
Saturat	on (A3)		Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)			Dry-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	oots (C3)	Thin Muck Surface (C7)
	posits (B3) (Nonrive			of Reduce	_			Crayfish Burrows (C8)
	Soil Cracks (B6)			on Reducti	-			Saturation Visible on Aerial Imagery (C9)
						u oons (o		
	ion Visible on Aerial I	magery (B7)		k Surface				Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (E)	oplain in Re	emarks)			FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat	er Present? Y	es No	X Depth (inc	hes):				
Water Table		es No				_		
Saturation P		es No				_	and Hydrology	Present? Yes X No
(includes cap		110_	Dopui (iiic			_	and right ology	100 <u>/</u> /
	orded Data (stream o	auge, monitorin	ng well, aerial ph	otos, prev	ious inspe	ctions). if	available: n/a	
		,	·9 ····., ····· p·	, , , , , , , , , , , , , , , , , , , ,		,		
Remarks: Alt	hough no surface wa	ter was present	at the time of th	ne delineati	ion, eviden	ice of surf	face soil cracks	indicate that the area ponds water and
	and hydrology. Wateı							·
I								

Project/Site: Southwest Village Specific Plan		City/Cou	inty: San Dieg	o, CA Sampling Date: March 29, 2019				
Applicant/Owner: Pardee Homes	State: CA Sampling Point: 165/HCP 3153							
Investigator(s): Beth Procsal, JR Sundberg		Section	, Township, R	lange: Section 31, T18S R01W				
Landform (hillslope, terrace, etc.): mesa top		Local re	elief (concave,	convex, none): concave Slope (%): 0-2				
Subregion (LRR): LRR-C	Lat:	32.55844		Long: <u>-117.01847</u> Datum: <u>NAD83</u>				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl	opes			NWI classification: Freshwater Emergent Wetland				
Are climatic / hydrologic conditions on the site typical for	this time of	fyear? Yes	s <u>X</u> No	o(If no, explain in Remarks.)				
Are Vegetation X, Soil , or Hydrology	signif	icantly distur	bed? Yes	Are "Normal Circumstances" present? Yes X No				
Are Vegetation, Soil, or Hydrology	natura	ally problema	atic? Yes	(If needed, explain any answers in Remarks.)				
SUMMARY OF FINDINGS – Attach site map sh	owing sa	mpling po	int locations	s, transects, important features, etc.				
Hydrophytic Vegetation Present? Yes X	No			_				
Hydric Soil Present? Yes X	No		the Sampled . thin a Wetland	Yes X NO				
Wetland Hydrology Present? Yes X	No	_ ""	iliii a vvoiaii	и.				
Remarks: The majority of the vegetation on the site hat meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and				
P	Absolute	Dominant	Indicator	Dominance Test worksheet:				
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species				
1. none				That Are OBL, FACW, or FAC:(A)				
2				Total Number of Dominant Species Across All Strata:				
3				Percent of Dominant Species (B)				
4				That Are OBL, FACW, or FAC: 50(A/B)				
Sapling/Shrub Stratum (Plot size:)		= Total Cov	/ei					
1. none				Prevalence Index worksheet:				
2.				Total % Cover of: Multiply by:				
3.				OBL species 5 x 1 = 5				
4.				FACW species 0 x 2 = 0				
5.				FAC species0 x 3 =0				
		= Total Cov	/er	FACU species6 x 4 =24				
Herb Stratum (Plot size:)				UPL species0 x 5 =0				
1. Lythrum hyssopifolia	3	Y	OBL	Column Totals:11 (A)29(B)				
2. Bromus hordeaceus	5	Y	FACU	Prevalence Index = B/A = 2.6				
3. Plagiobothrys acanthocarpus	2	N	OBL					
4. Erodium botrys	1	N	FACU	Hydrophytic Vegetation Indicators:				
5				Dominance Test is >50%				
6				X Prevalence Index is ≤3.0¹				
7				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)				
8								
Woody Vine Stratum (Plot size:)	11	= Total Co	over	Problematic Hydrophytic Vegetation¹ (Explain)				
1 none				Indicators of hydric call and watland hydrology must				
				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.				
2		= Total Cov	/or					
		- 10tal Cov	/ei	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum 92 % Co	ver of Biotic	Crust		Present? Yes X No				
Remarks: Sample area is a vernal pool that receives ru also support one vernal pool plant indicator species (Pla				-watershed. The pool supports hydrophytic vegetation, and it is present in basin.				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ıres		_			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	<u> </u>	Rema	rks
0-4	10YR 4/2	90	7.5Yr 4/4	10	С	M	clay			
4-12	10YR 5/3	100					clay			
-	-						_ <u></u>			
				-	· ·		_			
					· ·		_			
					· · · · · · · · · · · · · · · · · · ·					
¹ Type: C=C	 ————————————————————————————————————	n. RM=Reduc	 ced Matrix. CS=Covered	or Coated	Sand Grains	s. ²	Location: PL=F	Pore Linina.	RC=Root Channel	. M=Matrix.
	il Indicators: (Applic								blematic Hydric	
-	ol (A1)		•	edox (S5	•				9) (LRR C)	
	Epipedon (A2)			Matrix (S					10) (LRR B)	
Black	Histic (A3)		Loamy N	lucky Min	eral (F1)		Redu	iced Verti	c (F18)	
	gen Sulfide (A4)			Sleyed Ma					aterial (TF2)	
	ed Layers (A5) (LRR	C)	X Depleted				Othe	r (Explain	in Remarks)	
	Muck (A9) (LRR D)	(8.4.4)		ark Surfa	. ,					
·	ed Below Dark Surface	ce (A11)			rface (F7)		3lndiaatar	ra af budra	anhytia vagatatia	a and
	Dark Surface (A12) Mucky Mineral (S1)			epressior ools (F9)	is (Fo)			-	ophytic vegetation ogy must be pres	
	Gleyed Matrix (S4)		veillai F	0015 (1-9)				-	ed or problematic	
								o diotarbo	a or problemate.	'
	Layer (if present):									
	hovel refusal						Lhudwin Cail F		V V	No
Depth (in	iches): 12						Hydric Soil F	resent?	Yes X	No
HYDROLC	OGY									
	lydrology Indicators						<u>s</u>			r more required)
	dicators (minimum of	one require							Marks (B1) (Rive	•
	ce Water (A1)		Salt Crust				_		ent Deposits (B2)	,
	Vater Table (A2)		X Biotic Cru	, ,	(5.46)		Drift Deposits (B3) (Riverine) Drainage Patterns (B10)			
	ation (A3)		X Aquatic Ir		, ,		_	_ `	•	
l —	Marks (B1) (Nonrive		Hydrogen			Linda a Da	-4- (00)	_	ason Water Tabl	e (C2)
	nent Deposits (B2) (No	-			eres along	_	ots (C3) _		uck Surface (C7)	
	eposits (B3) (Nonrive	erine)			ed Iron (C4		-		h Burrows (C8)	rial Imagan (CO)
	ce Soil Cracks (B6) ation Visible on Aerial	Imagany (B			tion in Tille	u Solis (C	<u> </u>		ion visible on Ae v Aquitard (D3)	rial Imagery (C9)
	-Stained Leaves (B9)	0 , (Other (Ex				_		eutral Test (D5)	
				pianinin	omano,		-			
Field Obse		/	No V Dandh /inal	\						
			No X Depth (inch			-				
Saturation			No X Depth (incl			— Motic	and Hydrolog	ny Brasar	••2 Voc V	No
1	apillary fringe)		No X Deput (Illici	ies)		_ vveu	and Hydrolog	gy Freser	nt? Yes <u>X</u>	
,	ecorded Data (stream	gauge, mor	itoring well, aerial ph	otos, prev	ious inspe	ctions), if	available: n/a	a		
	·			•		,				
	although no surface was and supports wetland	•		e delineat	tion, evider	ice of surf	tace soil crack	ks and bio	otic crusts indicate	e that the area
porius water	and supports welldill	a riyarology.								
LIC Army Co	orns of Engineers								Arid \Maat	_Version 2.0

US Army Corps of Engineers

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA	Sampling Date: March 29, 2019					
Applicant/Owner: Pardee Homes	Applicant/Owner: Pardee Homes State: CA Sampling Point: 166									
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S I	R01W					
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat:	 32.55891	•	Long: -117.01857	Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification	on: None					
Are climatic / hydrologic conditions on the site typical fo		vear? Yes	X No	o (If no, explain in	Remarks.)					
Are Vegetation X, Soil , or Hydrology										
Are Vegetation , Soil X, or Hydrology										
SUMMARY OF FINDINGS – Attach site map si	nowing sa	mpling pol	nt locations	s, transects, importan	t reatures, etc.					
Hydrophytic Vegetation Present? Yes X	_No			_						
Hydric Soil Present? Yes X	No		he Sampled hin a Wetlan	VAC 1	X No					
Wetland Hydrology Present? Yes X	No	\	iiii a vvetiaii	u:						
Remarks: The majority of the vegetation on the site has	as been dist	urbed due to	past land use	es. This feature was sample	ed during the growing season and					
meets the wetland criteria.			•	•	5 5 5					
VEGETATION – Use scientific names of plants		Daminant	la di a atau	Dominance Test work	a ha atı					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status							
1. none				Number of Dominant Sp That Are OBL, FACW, of						
2.				Total Number of Domina						
3.				Species Across All Stra	(D)					
4				Percent of Dominant Sp						
		= Total Cove	er	That Are OBL, FACW, o	or FAC:100(A/B)					
Sapling/Shrub Stratum (Plot size:)										
1. none				Prevalence Index worl						
2.				Total % Cover of:	Multiply by:					
3.				OBL species	x 1 =					
4				FACW species FAC species						
5				FAC species FACU species						
Herb Stratum (Plot size:)		= Total Cove	31	UPL species	x 5 =					
1. Spergularia bocconi	40	Υ	FACW	Column Totals:	(A) (B)					
Plagiobothrys acanthocarpus	10	N	OBL							
Psilocarphus brevissimus	1	N	FACW	Prevalence Inde	ex = B/A =					
4. Plantago elongata	5	N	FACW	Hydrophytic Vegetation	on Indicators:					
5. Lythrum hyssopifolia	1	N	OBL	X Dominance Test	is >50%					
6. Erodium botrys	1	N	FACU	Prevalence Index						
7. Hypochaeris glabra	1	N	UPL	Morphological Ad	laptations¹ (Provide supporting					
8. Sonchus asper	1	N	FAC		ks or on a separate sheet)					
	60	= Total Cov	/er	Problematic Hydr	ophytic Vegetation¹ (Explain)					
Woody Vine Stratum (Plot size:)										
1. none					il and wetland hydrology must					
2				be present, unless dist	urbed or problematic.					
		= Total Cove	er	Hydrophytic						
% Bare Ground in Herb Stratum 40 % Co	over of Biotic	Cruet		Vegetation Yesent? Yes	oo V No					
					es X No					
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does support										
brevissimus, and Plantago elongata). Leaf litter is pres				(ag.oboanyo dodnin	pao,					

Toylor Location Person Texture Remarks Location Texture Texture Remarks Location Texture Texture Texture Location Texture Text	Depth	Matrix			Features			
Type: C-Concentration, D-Depleton, RM-Resized Matrix, CS-Coweed or Coasted Stand Grains. Tocaston: Pt.=Pore Lining, RC-Roor Channel, M-Matrix, Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils ³ : Halsose (A1) LRR C) Sirripped Marix, (S6)	(inches)	Color (moist)	_	Color (moist)	% Type¹	Loc ²	Texture	Remarks
Histosol (A1))-18	10YR 3/3	100				sandy clay	
Indicators (Applicable to all LRRs, unless otherwise noted.)								
Histosol (A1) Sandy Redox (S5) Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils?: 1 cm Muck (A9) (LRR C) 1 cm Muck (A9) (LRR C) 1 cm Muck (A9) (LRR C) 2 cm Muck (A10) (LRR B) 2 cm Muck (A9) (LRR C) Depleted Matrix (F3) X Other (Explain in Remarks) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Balow Dark Surface (A11) Depleted Dark Surface (F6) Person (R12) Redox Depressions (F8) Person (R12) Redox Depressions (F8) Person (R12) Perso								
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoscol (A1) Sandy Redox (S5) 1 or muck (A9) (LRR C) Histoscol (A1) Sandy Redox (S5) 2 or muck (A9) (LRR C) Histoscol (A1) Surped Matrix (S6) 2 or muck (A10) (LRR B) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Stratified Layers (A5) (LRR C) Depleted Matrix (F2) Red Parent Material (T2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) X Other (Explain in Remarks) 1 orm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) Sandy Mucky Mineral (S1) Vernal Pools (F9) Peth (inches): Depth (inches): Primary Indicators on the August Parent Patrix (B11) Secondary Indicators on the Virology of Patrix (B11) Secondary Indicators on the Virology of Patrix (B11) Secondary Indicators on the Virology of Patrix (B11) Secondary Indicators (B1								
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Sandy Redox (S5) Histosol (A1) Sandy Redox (S5) Jisped Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Strainfied Layers (A5) (LRR C) Depleted Matrix (F2) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F6) Depleted Below Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) San								
Histosol (A1)								
Histosol (A1)								
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histos (A1) Sandy Redox (S5) Histos (A2) Black Histis (A3) Loamy Mucky Mineral (F1) Redox Dark Surface (A1) Depleted Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (G1) Sandy Mucky Mineral (G1) Sandy Mucky Mineral (G1) Sandy Mucky Mineral (G1) Sandy Gleyed Matrix (S4) Restrict Layer (if present): Type: Depth (inches): Pethyl (inches): Pethyl (inches): Pethyl (inches): Primary Indicators of hydrophylic vegetation and may lack hydric soil indicators due to immite saturation depth, saline conditions, or other factors, which may include human-caused disturbance. Pytro Volume (A3) Surface Water (A1) Salicova (A1) Salicova (B11) Salicova (B11) Surfaco Water (A1) Salicova (B11) Surfaco Water (A1) Salicova (B11) Surfaco Water (A1) Salicova (B11) Sediment Deposits (B2) (Riverine) Phyling Nonriverine) Hydric Soil Present? Yes X No Water Marks (B1) (Riverine) Surfaco Water (A1) Salicova (B11) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Primary Indicators (minimum of one required; check all that apply) Water Marks (B1) (Riverine) Surfaco Water (A1) Salicova (B11) Sediment Deposits (B3) (Riverine) Drift Deposits (B3) (Riverine) Drift Deposits (B3) (Riverine) Drift Deposits (B3) (Riverine) Prisence of Reduced Iron (C4) Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Water-Stained Leaves (B9) Other (Explain in Remarks) Water Marks (B1) (Anonriverine) Prisence of Reduced Iron (C4) Salicova (B1) Salicova (
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histos (A1) Histos (A2) Histos (A3) Sandy Redox (S5) Black Histis (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Loamy Mucky Mineral (F2) Stratified Layers (A5) (LRR C) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (G1) Sandy Mucky Mineral (G1) Sandy Mucky Mineral (G1) Sandy Mucky Mineral (G1) Sertrictive Layer (if present): Type: Dept (inches): Petty (inches): Petty (inches): Petty (inches): Petty (inches): Primary Indicators of hydrophytic vegetation and a wetland hydrology must be present, unless disturbed or problematic. **Property (inches): **Property (inches): Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salf Crust (B11) Sediment Deposits (B2) (Riverine) Surface Water (A1) Salf Crust (B12) Salf Crust (B11) Sediment Deposits (B2) (Riverine) Physical Crast (B1) Myater Marks (B1) (Nonriverine) Hydrology Robert (A1) Sediment Deposits (B2) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Prisence of Reduced Iron (C4) Surface Water (A1) Surface (Cray) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drift Deposits (B3) (Riverine) Presence of Reduced Iron (C4) Surface (Cray) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Wetland Hydrology Present? Yes No Depth (inches): Water Table (PC2) Salturation (PC3) Water Table (PC2) Surface Water Present? Yes No Depth (inches): Water Table Present? Yes								
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histos (A1) Sandy Redox (S5) Histos (A2) Black Histis (A3) Loamy Mucky Mineral (F1) Redox Dark Surface (A1) Depleted Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (G1) Sandy Mucky Mineral (G1) Sandy Mucky Mineral (G1) Sandy Mucky Mineral (G1) Sandy Gleyed Matrix (S4) Restrict Layer (if present): Type: Depth (inches): Pethyl (inches): Pethyl (inches): Pethyl (inches): Primary Indicators of hydrophylic vegetation and may lack hydric soil indicators due to immite saturation depth, saline conditions, or other factors, which may include human-caused disturbance. Pytro Volume (A3) Surface Water (A1) Salicova (A1) Salicova (B11) Salicova (B11) Surfaco Water (A1) Salicova (B11) Surfaco Water (A1) Salicova (B11) Surfaco Water (A1) Salicova (B11) Sediment Deposits (B2) (Riverine) Phyling Nonriverine) Hydric Soil Present? Yes X No Water Marks (B1) (Riverine) Surfaco Water (A1) Salicova (B11) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Primary Indicators (minimum of one required; check all that apply) Water Marks (B1) (Riverine) Surfaco Water (A1) Salicova (B11) Sediment Deposits (B3) (Riverine) Drift Deposits (B3) (Riverine) Drift Deposits (B3) (Riverine) Drift Deposits (B3) (Riverine) Prisence of Reduced Iron (C4) Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Water-Stained Leaves (B9) Other (Explain in Remarks) Water Marks (B1) (Anonriverine) Prisence of Reduced Iron (C4) Salicova (B1) Salicova (
Histosol (A1) Sandy Redox (\$5) 1 cm Muck (A9) (LRR C) Histic Epipedon (A2) Stripped Matrix (\$6) 2 cm Muck (A10) (LRR B) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parent Material (TF2) Stratified Layers (A5) (LRR C) Depleted Matrix (F2) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F6) Depleted Below Dark Surface (A12) Redox Depressions (F6) Principal Matrix (F2) Sandy Mucky Mineral (S1) Vernal Pools (F9) Principal Matrix (F2) Wetland Hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Wetland Hydrology. This feature is a vernal pool that is seasonally ponded and may lack hydric soil indicators due to limited saturation depth, saline conditions, or other factors, which may include human-caused disturbance. YDROLOGY Wetland Hydrology Indicators: Surface Water (A1) Salf Crust (B12) Surface (B2) (Riverine) High Water Table (A2) X Biotic Crust (B12) Drift Deposits (B3) (Riverine) High Water Table (A2) X Biotic Crust (B12) Drift Deposits (B3) (Riverine) Hydrology Surface (B2) (Nonriverine) Presence of Reduced Inon (C4) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Presence of Reduced Inon (C4) Saltration Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shaltow Aquitard (D3) Water Marks (B1) (Nonriverine) Presence of Reduced Inon (C4) Saltration Visible on Aerial Imagery (C7) Shaltow Aquitard (D3) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (Inches): Water Darks (B9) Observations: Burface Water Present? Yes No X Depth (Inches): Water Table Present? Yes No X Depth (Inches): Water Marks: Although no surface water was present at the time of						s. ² Loc		
Histic Epipedon (A2)	Hydric Soil	Indicators: (Appli	cable to all LR	Rs, unless otherwise	noted.)		Indicators for	r Problematic Hydric Soils ³ :
Black Histic (A3)	Histoso	I (A1)		Sandy Redo	x (S5)		1 cm Muc	k (A9) (LRR C)
Hydrogen Sulfide (A4)					` '			
Stratified Layers (A5) (LRR C)		` '						•
1 cm Muck (A9) (LRR D)								` ,
Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Redox Depressions (F8) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Vernal Pools (F9) Wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes X No Remarks: No redox features observed. However, hydric soils are assumed here as problematic due to strong indicators of hydrophytic vegetation and wetland hydrology. This feature is a vernal pool that is seasonally ponded and may lack hydric soil indicators due to limited saturation depth, saline zonditions, or other factors, which may include human-caused disturbance. **POROLOGY** Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Sufface Water (A1) Sulface Water (A1) Salt Crust (B11) Sulface Water (A1) Salt Crust (B12) Salturation (A3) X Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Drift Deposits (B2) (Nonriverine) Present Osidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Saturation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Baturation Present? Yes No Z Depth (inches): Water able Present? Yes No Z Depth (inches): Surface Soil Cracks, biotic crusts, and San Diego fairy Wetland Hydrology Present? Yes X No Includes capillary fringe) Wetland Hydrology Present? Yes X No Includes capillary fringe) Wetland Hydrology Present? Yes X No Includes capillary fringe)		, , , ,	(C)		` '		X Other (Ex	plain in Remarks)
Trick Dark Surface (A12)					, ,			
Sandy Mucky Mineral (S1)			ice (A11)		, ,		2	
Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Remarks: No redox features observed. However, hydric soils are assumed here as problematic due to strong indicators of hydrophytic vegetation and wetland hydrology. This feature is a vernal pool that is seasonally ponded and may lack hydric soil indicators due to limited saturation depth, saline conditions, or other factors, which may include human-caused disturbance. YOROLOGY		, ,			` ,			
Restrictive Layer (if present): Type:		, ,		Vernal Pools	(F9)		-	
Type:	Sandy (Gleyed Matrix (S4)					unless dis	turbed or problematic.
Depth (Inches): Hydric Soil Present? Yes X No	Restrictive	Layer (if present):						
Remarks: No redox features observed. However, hydric soils are assumed here as problematic due to strong indicators of hydrophytic vegetation and wetland hydrology. This feature is a vernal pool that is seasonally ponded and may lack hydric soil indicators due to limited saturation depth, saline conditions, or other factors, which may include human-caused disturbance. Variable	Type:			_				
Wetland hydrology. This feature is a vernal pool that is seasonally ponded and may lack hydric soil indicators due to limited saturation depth, saline conditions, or other factors, which may include human-caused disturbance. Wetland Hydrology Indicators: Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Sufface Water (A1) Salt Crust (B11) Saturation (A3) Water Marks (B1) (Riverine) Saturation (A3) Water Marks (B1) (Nonriverine) Saturation (B10) Water Marks (B1) (Nonriverine) Sufface Soil (Cracks (B2) (Nonriverine) Indicators (2 or more required) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drift	Depth (inc	hes):		_		H	ydric Soil Prese	ent? Yes X No
Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Drainage Patterns (YDROLOG	GY						
Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) High Water Table (A2) X Biotic Crust (B12) Drift Deposits (B3) (Riverine) Saturation (A3) X Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1)	Wetland Hy	ydrology Indicator	s:				Secon	dary Indicators (2 or more required
High Water Table (A2)	Primary Ind	icators (minimum o	f one required;	check all that apply)			Wa	ater Marks (B1) (Riverine)
Saturation (A3)	Surface	e Water (A1)		Salt Crust (B1	1)		Se	ediment Deposits (B2) (Riverine)
Water Marks (B1) (Nonriverine)	— High W	ater Table (A2)		X Biotic Crust (E	312)		Dr	ift Deposits (B3) (Riverine)
Water Marks (B1) (Nonriverine)	Saturat	ion (A3)		X Aquatic Invert	ebrates (B13)		 Dr	ainage Patterns (B10)
Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Demarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks, biotic crusts, and San Diego fairy			erine)					
Drift Deposits (B3) (Nonriverine)						Living Roots		• • • • • • • • • • • • • • • • • • • •
X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Seturation Visible on Aerial Imagery (C X Staturation Visible on Aerial Imagery (C X Staturation Present Corollary (D3) Seturation Visible on Aerial Imagery (C X Staturation Visible on Aerial Imagery (C X Statu	Seaime					•	. ,	
Inundation Visible on Aerial Imagery (B7)			· · · · · · · · · · · · · · · · · · ·			-		
Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No _X _ Depth (inches): Water Table Present? Yes No _X _ Depth (inches): Saturation Present? Yes No _X _ Depth (inches): Securation Present? Yes No _X _ Depth (inches): Wetland Hydrology Present? Yes X _ No Includes capillary fringe) escribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a elemarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks, biotic crusts, and San Diego fairy	Drift De			Recent Iron R				italation visible on hendi imagery (or
Field Observations: Surface Water Present? Yes No _X _Depth (inches): Water Table Present? Yes No _X _Depth (inches): Saturation Present? Yes No _X _Depth (inches): Security of the delineation of the delineation, the presence of surface soil cracks, biotic crusts, and San Diego fairy	Drift De	e Soil Cracks (B6)	ıl Imageny (B7)			u solis (Co)		allow Aquitard (D3)
Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Wetland Hydrology Present? Yes X No (includes capillary fringe) Wetland Hydrology Present? Yes X No (includes capillary fringe) Wetland Hydrology Present? Yes X No (includes capillary fringe) Wetland Hydrology Present? Yes X No (includes capillary fringe)	Drift De X Surface Inundat	e Soil Cracks (B6) tion Visible on Aeria		Thin Muck Su	rface (C7)	d Solis (Co)	Sh	, , ,
Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): (includes capillary fringe) Wetland Hydrology Present? Yes X No (includes capillary fringe) Wetland Hydrology Present? Yes X No (includes capillary fringe) Wetland Hydrology Present? Yes X No (includes capillary fringe) Wetland Hydrology Present? Yes X No (includes capillary fringe) Wetland Hydrology Present? Yes X No (includes capillary fringe)	Drift De X Surface Inundat Water-S	e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9		Thin Muck Su	rface (C7)	u solis (Co)	Sh	, , ,
Saturation Present? Yes No X Depth (inches): Wetland Hydrology Present? Yes X No includes capillary fringe) Rescribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks, biotic crusts, and San Diego fairy	Drift De X Surface Inundat Water-S	e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 vations:)	Thin Muck Su Other (Explain	rface (C7) n in Remarks)		Sh	, , ,
(includes capillary fringe) escribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a emarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks, biotic crusts, and San Diego fairy	Drift De X Surface Inundat Water-S Field Obser Surface Wat	e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 evations: ter Present?) Yes N	Thin Muck Su Other (Explain	rface (C7) n in Remarks)		Sh	, , ,
escribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a emarks: Although no surface water was present at the time of the delineation, the presence of surface soil cracks, biotic crusts, and San Diego fairy	Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table	e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 rvations: ter Present? Present?	Yes N	Thin Muck Su Other (Explain o X Depth (inches) o X Depth (inches)	rface (C7) n in Remarks)		Sr FA	AC-Neutral Test (D5)
emarks: Although no surface water was present at the time of the delineation, the presernce of surface soil cracks, biotic crusts, and San Diego fairy	Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P	e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 rvations: ter Present? Present?	Yes N	Thin Muck Su Other (Explain o X Depth (inches) o X Depth (inches)	rface (C7) n in Remarks)		Sr FA	AC-Neutral Test (D5)
	Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal	e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 rvations: ter Present? Present? tresent? pillary fringe)	Yes N Yes N Yes N	Thin Muck Su Other (Explain o X Depth (inches) o X Depth (inches) o X Depth (inches)	rface (C7) n in Remarks)		Sh	AC-Neutral Test (D5)
	Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal	e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 rvations: ter Present? Present? tresent? pillary fringe)	Yes N Yes N Yes N	Thin Muck Su Other (Explain o X Depth (inches) o X Depth (inches) o X Depth (inches)	rface (C7) n in Remarks)		Sh	AC-Neutral Test (D5)
	Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P includes cal	e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 rvations: ter Present? Present? tresent? pillary fringe)	Yes N Yes N Yes N	Thin Muck Su Other (Explain o X Depth (inches) o X Depth (inches) o X Depth (inches)	rface (C7) n in Remarks)		Sh	AC-Neutral Test (D5)
	Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal escribe Rec	e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 rvations: ter Present? Present? tresent? pillary fringe) corded Data (stream	Yes N Yes N Yes N	Thin Muck Su Other (Explain o X Depth (inches) o X Depth (inches) o X Depth (inches) ring well, aerial photos	rface (C7) n in Remarks) s, previous inspe	Wetland	Sh FA I Hydrology Pr ailable: n/a	resent? Yes X No
	Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P includes cal escribe Rec emarks: Alt	e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 rvations: ter Present? Present? tresent? pillary fringe) corded Data (stream	Yes N Yes N Yes N n gauge, monito	Thin Muck Su Other (Explain o X Depth (inches) o X Depth (inches) o X Depth (inches) ring well, aerial photose	rface (C7) n in Remarks) s, previous inspe	Wetland	Sh FA I Hydrology Pr ailable: n/a	resent? Yes X No
	Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P includes cal escribe Rec emarks: Alt	e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 rvations: ter Present? Present? tresent? pillary fringe) corded Data (stream	Yes N Yes N Yes N n gauge, monito	Thin Muck Su Other (Explain o X Depth (inches) o X Depth (inches) o X Depth (inches) ring well, aerial photose	rface (C7) n in Remarks) s, previous inspe	Wetland	Sh FA I Hydrology Pr ailable: n/a	resent? Yes X No
	Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes ca) escribe Rec	e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 rvations: ter Present? Present? tresent? pillary fringe) corded Data (stream	Yes N Yes N Yes N n gauge, monito	Thin Muck Su Other (Explain o X Depth (inches) o X Depth (inches) o X Depth (inches) ring well, aerial photose	rface (C7) n in Remarks) s, previous inspe	Wetland	Sh FA I Hydrology Pr ailable: n/a	resent? Yes X No

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA	Sampling Date: March 29, 2019			
Applicant/Owner: Pardee Homes	State: CA Sampling Point: 167							
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R	01W			
Landform (hillslope, terrace, etc.): mesa top			•	, convex, none): concave				
Subregion (LRR): LRR-C	Lat: 3			Long: -117.01965049300				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl				NWI classification				
Are climatic / hydrologic conditions on the site typical for		vear? Yes	X No					
Are Vegetation X, Soil , or Hydrology								
Are Vegetation X, Soil , or Hydrology								
SUMMARY OF FINDINGS – Attach site map sh	owing sa	mpling poi	nt locations	s, transects, important	features, etc.			
Hydrophytic Vegetation Present? Yes	No X			_				
Hydric Soil Present? Yes			ne Sampled nin a Wetlan	VΔC	No X			
Wetland Hydrology Present? Yes X		_ with	iin a vveuan	u? —				
Remarks: The majority of the vegetation on the site ha	s been distu	urbed due to i	past land use	es. This feature was sampled	d during the growing season and			
does not meet the wetland criteria.			past 14.14 455	or rine realars trae campion	a daming and grouning doddoon and			
VEGETATION – Use scientific names of plants				<u> </u>				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksh				
1. none	70 00101	_ороског.		Number of Dominant Spe That Are OBL, FACW, or				
2.				Total Number of Dominar				
3.				Species Across All Strata				
4.				Percent of Dominant Spe	cies			
		= Total Cove	er	That Are OBL, FACW, or	FAC: 0 (A/B)			
Sapling/Shrub Stratum (Plot size:)								
1. <u>none</u>				Prevalence Index works	sheet:			
2				Total % Cover of:	Multiply by:			
3				OBL species1	x 1 = 1			
4				FACW species 2	x 2 =4			
5				FAC species 0	x 3 =0			
		= Total Cove	er	FACU species 17	x 4 =68			
Herb Stratum (Plot size:)				UPL species 1				
1. Plagiobothrys acanthocarpus	1	N	OBL	Column Totals: 21	(A)(B)			
2. Deinandra fasciculata	10	Y	FACU	Prevalence Index	= B/A = <u>3.7</u>			
3. Plantago elongata	1	N	FACW	I brahma mbruti a Ma matati a m	ladiatas.			
4. Glebionis coronaria		N 	UPL	Hydrophytic Vegetation				
Erodium botrys Psilocarphus brevissimus		N	FACU FACW	Dominance Test is				
Silocarphus brevissimus Festuca myuros	1	N	FACU	Prevalence Index is	ptations ¹ (Provide supporting			
8. Hordeum murinum	1	N	FACU	· · · ·	s or on a separate sheet)			
o. Nordean mannam	21	= Total Cov			phytic Vegetation¹ (Explain)			
Woody Vine Stratum (Plot size:)		- Total Gov	701	Problematic Hydrol	priylic vegetalion (Explain)			
1. none				¹ Indicators of hydric soil	and wetland hydrology must			
2.				be present, unless distu	, 0,			
		= Total Cove		Hydrophytic				
		rotal cove	J1	Vegetation				
% Bare Ground in Herb Stratum 79	ver of Biotic	Crust		Present? Yes	s NoX			
Remarks: Sample area is a vernal pool that receives ru								
predomince of hydrophytic vegetation, it does support the Psilocarphus brevissimus).	ree vernal p	pool plant indi	icator species	s (Plagiobothrys acanthocar	pus, Plantago elongata, and			
i silocalpilus bievissiiilus).								

Profile Desc Depth	cription: (Describe to Matrix	the depth nee		ent the ind edox Featu		confirm t	he absence o	f indicators.)
(inches)	Color (moist)	 % (Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
0-18	10YR 4/3	100	ocioi (moiot)		<u>.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>			
0-10	10114/3						sandy clay	no redox
1Typo: C=Co	 ncentration, D=Depletion	- DM-Doduced N	Actrix CS=Covered	d or Coatod	Sand Crain	2 2	l continui DI -Do	pre Lining, RC=Root Channel, M=Matrix.
	Indicators: (Application					5.		s for Problematic Hydric Soils ³ :
Histoso		abio to all Eith		Redox (S5)				Muck (A9) (LRR C)
_	pipedon (A2)			l Matrix (S6				Muck (A10) (LRR B)
_	listic (A3)			Mucky Min	•			ced Vertic (F18)
	en Sulfide (A4)			Gleyed Ma	. ,			Parent Material (TF2)
	d Layers (A5) (LRR (:)		d Matrix (F	. ,			(Explain in Remarks)
	uck (A9) (LRR D)	•)		Dark Surfac	,			(Explain in Comaine)
	d Below Dark Surface	e (A11)		d Dark Sur	` '			
	ark Surface (A12)	- ()		Depression			³ Indicators	of hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)	()			d hydrology must be present,
·	Gleyed Matrix (S4)			(- /				disturbed or problematic.
	Layer (if present):							<u> </u>
Type:	Layor (ii proconty)							
Depth (inc	hae).						Hydric Soil Pi	resent? Yes No X
							Trydno Con T	100 110 <u>X</u>
Remarks: N	lo hydric soil indicator	s observed						
HYDROLO								
_	ydrology Indicators:			,			<u>Se</u>	condary Indicators (2 or more required)
	icators (minimum of c	ne required; ch		.,				_Water Marks (B1) (Riverine)
Surface	e Water (A1)		Salt Crus					_Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ıst (B12)				_Drift Deposits (B3) (Riverine)
Saturat	ion (A3)		Aquatic I	nvertebrate	es (B13)			_Drainage Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)			_Dry-Season Water Table (C2)
Sedime	ent Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	Thin Muck Surface (C7)
Drift De	eposits (B3) (Nonrive	rine)	Presence	of Reduce	ed Iron (C4	4)		Crayfish Burrows (C8)
X Surface	Soil Cracks (B6)		Recent Ir	on Reduct	ion in Tille	d Soils (C	<u>—</u> 6)	Saturation Visible on Aerial Imagery (C9)
Inundat	tion Visible on Aerial I	magery (B7)	Thin Muc	k Surface	(C7)	,		Shallow Aquitard (D3)
l ——	Stained Leaves (B9)	3 , (oplain in Re	. ,			FAC-Neutral Test (D5)
	. ,			<u>'</u>				(/
Field Obser		an Na	V Dandh (in a	h \.				
Surface Wat			X Depth (inc					
Water Table			X Depth (inc					
Saturation P		es No	X Depth (inc	hes):		Wetla	and Hydrology	y Present? Yes X No
	pillary fringe)	augo monitoris	na wall parial sh	notoe previ	ioue inone	ctions) if a	available: n/a	
Describe Rec	corded Data (stream o	jauge, monitorii	ig well, aerial pr	iolos, prev	ious irispe	Cuons), ii a	avaliable. II/a	
Remarks: Alt	though no surface wa	ter was present	t at the time of th	ne delineati	ion, evider	nce of surf	ace soil cracks	s indicate that the area ponds water and
	and hydrology.	•			•			·

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA S	Sampling Date: March 29, 2019				
Applicant/Owner: Pardee Homes	State: CA Sampling Point: 168								
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R0	1W				
Landform (hillslope, terrace, etc.): mesa top			•	, convex, none): concave					
Subregion (LRR): LRR-C	Lat: 3		-	Long: -117.01947268800					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl				NWI classification:					
Are climatic / hydrologic conditions on the site typical for		vear? Yes	X No						
Are Vegetation X, Soil , or Hydrology									
Are Vegetation, Soil, or Hydrology									
SUMMARY OF FINDINGS – Attach site map sh	owing sa	mpling poi	nt location	s, transects, important f	eatures, etc.				
Hydrophytic Vegetation Present? Yes	No X								
Hydric Soil Present? Yes			ne Sampled nin a Wetlan	VΔC	No X				
Wetland Hydrology Present? Yes X		_ with	ıın a vveuan	u r ——					
Remarks: The majority of the vegetation on the site ha	s been distu	urbed due to i	past land use	es. This feature was sampled	during the growing season and				
does not meet the wetland criteria.	J 2001. G.O.		past 14.14 455	or ring routers mas sumprise	aumig are groming coucon and				
VEGETATION – Use scientific names of plants									
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksh					
1. none	70 00101	_орооюо:		Number of Dominant Spec That Are OBL, FACW, or					
2.				Total Number of Dominan					
3.				Species Across All Strata:					
4.				Percent of Dominant Spec	cies				
		= Total Cove	er	That Are OBL, FACW, or	FAC: 0 (A/B)				
Sapling/Shrub Stratum (Plot size:)									
1. none				Prevalence Index works	heet:				
2				Total % Cover of:	Multiply by:				
3				OBL species1	x 1 = 1				
4				FACW species2	x 2 = 4				
5				FAC species0	x 3 =0				
		= Total Cove	er	FACU species 2	x 4 =8				
Herb Stratum (Plot size:)				UPL species 3	x 5 = 15				
1. Plagiobothrys acanthocarpus	3	N	OBL	Column Totals: 8	(A)(B)				
2. Psilocarphus brevissimus		N	FACW	Prevalence Index =	= B/A = <u>3.5</u>				
3. Plantago elongata	1	N	FACW	11 1 1 C W 1 C	1 11 4				
4. Erodium botrys		Y	FACU	Hydrophytic Vegetation					
5. Deinandra fasciculata		Y	FACU	Dominance Test is					
Hypochaeris glabra Glebionis coronaria	1	N	UPL UPL	Prevalence Index is					
8. Bromus madritensis	<u>_</u>	N	UPL		otations ¹ (Provide supporting or on a separate sheet)				
o. <u>Biomas mauntensis</u>	23	= Total Cov			phytic Vegetation¹ (Explain)				
Woody Vine Stratum (Plot size:)		- Total Gov	701	Froblematic Hydrop	inylic vegetalion (Explain)				
1. none				¹ Indicators of hydric soil a	and wetland hydrology must				
2.				be present, unless distur	, ,,				
		= Total Cove		Hydrophytic					
		rotal cove	J1	Vegetation					
% Bare Ground in Herb Stratum 77	er of Biotic	Crust		Present? Yes	NoX				
Remarks: Sample area is a vernal pool that receives ru									
predomince of hydrophytic vegetation, it does support thand Plantago elongata).	ree vernal p	pool plant indi	icator specie	s (Plagiobothrys acanthocarp	ous, Psilocarphus brevissimus,				
and Frantago Gongata).									

	ription: (Describe	to the depth nee				confirm t	the absence	of indicato	ors.)	
Depth	Matrix			edox Featu					_	
(inches)	Color (moist)	%C	Color (moist)	%	Type ¹	Loc ²	Texture	-	Rema	rks
							_			
· ——		 					_			
· —							_			
							_			
¹ Type: C=Coi	ncentration, D=Depleti	on, RM=Reduced M	latrix, CS=Covere	ed or Coated	Sand Grains	s. ²	² Location: PL=F	Pore Lining, F	RC=Root Channel	, M=Matrix.
Hydric Soil	Indicators: (Appli	cable to all LRRs	s, unless othe	rwise note	d.)		Indicato	rs for Prob	lematic Hydric	: Soils³:
Histoso	I (A1)		Sandy	Redox (S5)			1 cm	Muck (A9)	(LRR C)	
Histic E	pipedon (A2)		Strippe	d Matrix (Se	3)		2 cm	Muck (A10) (LRR B)	
Black H	istic (A3)		Loamy	Mucky Mine	eral (F1)		Redu	uced Vertic	(F18)	
Hydroge	en Sulfide (A4)		Loamy	Gleyed Ma	trix (F2)		Red	Parent Mat	erial (TF2)	
Stratifie	d Layers (A5) (LRR	C)	Deplete	ed Matrix (F	3)		Othe	er (Explain i	n Remarks)	
1 cm Mi	uck (A9) (LRR D)			Dark Surfac	` '					
	d Below Dark Surfa	ce (A11)	Deplete	ed Dark Sur	face (F7)					
	ark Surface (A12)			Depression	s (F8)				ohytic vegetation	
	Mucky Mineral (S1)		Vernal	Pools (F9)					gy must be pres	
Sandy 0	Gleyed Matrix (S4)						unles	s disturbed	or problematic	•
Restrictive	Layer (if present):									
Type:										
Depth (inc	hes):						Hydric Soil I	Present?	Yes	No X
							4 41 1 1 1-			<u></u>
	he sampled area su erefore, no soil pit w						et trie riyaropr	iylic vegeta	uon standard to	be considered a
Wottana. The	oreiere, no son pit w	ao aag ana nyan	o dollo al o riot (on loldered t	to be prese	,,,,,				
HYDROLOG										
· -	drology Indicators						<u>s</u>			r more required)
Primary Ind	icators (minimum of	one required; ch	eck all that app	oly)				Water M	arks (B1) (Rive	rine)
Surface	Water (A1)		Salt Cru	st (B11)				Sedimen	t Deposits (B2)	(Riverine)
High W	ater Table (A2)		X Biotic Cı	ust (B12)				Drift Dep	osits (B3) (Rive	erine)
Saturati	ion (A3)		Aquatic	Invertebrate	es (B13)		_	 Drainage	e Patterns (B10)
	Marks (B1) (Nonrive	erine)	Hydroge	n Sulfide O	dor (C1)		_		son Water Tabl	
l —	ent Deposits (B2) (N			l Rhizosphe		Livina Ro	oots (C3)		ck Surface (C7)	
	posits (B3) (Nonriv	,		e of Reduce	_		(/		Burrows (C8)	
l —	Soil Cracks (B6)	,		ron Reduct	-		:6)	_	` '	rial Imagery (C9)
	ion Visible on Aeria	I Imageny (B7)		ck Surface		0) 81100 1	_		Aquitard (D3)	mar imagery (00)
l ——					. ,		_			
wvaler-s	Stained Leaves (B9)		Other (E	xplain in Re	emarks)		_	FAC-Net	utral Test (D5)	
Field Obser	vations:									
Surface Wat	er Present?	Yes No	X Depth (in	ches):		_				
Water Table	Present?	Yes No	Depth (in	ches):		_				
Saturation P	resent?	Yes No	Depth (in	ches):		Wetla	and Hydrolo	gy Present	? Yes X	No
(includes cap	pillary fringe)									
Describe Rec	orded Data (stream	gauge, monitorir	ng well, aerial p	hotos, prev	ious insped	ctions), if	available: n/a	а		
	hough no surface w	•							c crusts indicate	e that the area
porius water a	and supports wetlan	iu riyurology. wat	ei table level a	nu saturatio	ni are not k	MIOWII as	a son pit was	s not dug.		
İ										

Project/Site: Southwest Village Specific Plan		City/Count	y: San Dieg	o, CA	Sampling Dat	te: March	29, 2019	
Applicant/Owner: Pardee Homes	State: CA Sampling Point: 169							
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S	 R01W			
Landform (hillslope, terrace, etc.): mesa top				convex, none): concave		lope (%): ()-2	
Subregion (LRR): LRR-C	Lat: 3		•	Long: -117.01932		tum: NAD8		
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent								
Are climatic / hydrologic conditions on the site typical for					-			
Are Vegetation X, Soil , or Hydrology		•				es X	No	
Are Vegetation, Soil, or Hydrology								
SUMMARY OF FINDINGS – Attach site map s								
Hydrophytic Vegetation Present? Yes	No X			_				
Hydric Soil Present? Yes	No X		e Sampled . in a Wetland	YAC	No	X		
Wetland Hydrology Present? Yes X		with	iii a vvetiaiii	ur —				
does not meet the wetland criteria. VEGETATION – Use scientific names of plant	Absolute	Dominant	Indicator	Dominance Test work	ksheet:			
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant S				
1. none				That Are OBL, FACW,		3	_(A)	
2				Total Number of Domin Species Across All Stra		•	(5)	
4.				Percent of Dominant S		8	(B)	
4		= Total Cove	<u> </u>	That Are OBL, FACW,	•	38	(A/B)	
Sapling/Shrub Stratum (Plot size:		- Total Cove						
1 none				Prevalence Index wo	rksheet:			
2.				Total % Cover of:		ultiply by:		
3.				OBL species	1 x 1 =	1	_	
4.				FACW species 4	4 x 2 =	8		
5.				FAC species	x 3 = _	0	_	
		= Total Cove	r	FACU species3	3 x 4 =	12	_	
Herb Stratum (Plot size:)				UPL species2	2 x 5 = _	10	_	
Spergularia bocconi	3	Y	FACW	Column Totals:1	0 (A) _	31	_(B)	
2. Matricaria discoidea	1	Y	FACU	Prevalence Ind	ex = B/A = 3.1			
3. Plagiobothrys acanthocarpus	1	Y	OBL				_	
4. Festuca myuros	1	Y	FACU	Hydrophytic Vegetati	on Indicators:			
5. Bromus madritensis	1	Y	UPL	Dominance Test	t is >50%			
6. Hordeum murinum	1	Y	FACU	Prevalence Inde	x is ≤3.0¹			
7. Plantago elongata		Y	FACW	Morphological A			•	
8. Hypochaeris glabra		<u>Y</u>	UPL		arks or on a sepa		,	
Woody Vine Stratum (Plot size:	10	= Total Cove	er	Problematic Hyd	Irophytic Vegeta	ation1 (Expl	ain)	
1. none				¹ Indicators of hydric s			must	
2				be present, unless dis	sturbed or proble	ematic.		
		= Total Cove	r	Hydrophytic				
% Bare Ground in Herb Stratum90	over of Biotic	Crust		Vegetation Present?	Yes	NoX	_	
Remarks: Sample area is a vernal pool that receives in hydrophytic vegetation. It does support two vernal pool in basin.								

Profile Desc Depth	cription: (Describe to Matrix	the depth nee		ent the inc dox Featu		confirm t	he absence o	f indicators.)
(inches)	Color (moist)	——————————————————————————————————————	Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
0-18	7.5YR 4/3	100	Solor (molot)		<u>.,,pc</u> .			
0-10	7.51K 4/5						sandy clay	no redox
							_	
							_	
							_	
							-	
1Typo: C=Co	 ncentration, D=Depletion	- PM-Reduced N	Actrix CS=Covered		Sand Crain	21	Location: DL =Do	ore Lining, RC=Root Channel, M=Matrix.
	Indicators: (Application					5. I		s for Problematic Hydric Soils ³ :
Histoso		2010 to all 21111		Redox (S5)				Muck (A9) (LRR C)
_	pipedon (A2)			Matrix (S6				Muck (A10) (LRR B)
_	listic (A3)			Mucky Min	•			ced Vertic (F18)
	en Sulfide (A4)			Gleyed Ma	. ,			Parent Material (TF2)
	d Layers (A5) (LRR (3)		d Matrix (F				(Explain in Remarks)
	uck (A9) (LRR D)	,		ark Surfac	,			(Explain in Fornance)
	d Below Dark Surface	e (A11)		d Dark Sur	` '			
	ark Surface (A12)	- ()		epression			³ Indicators	s of hydrophytic vegetation and
	Mucky Mineral (S1)			ools (F9)	()			d hydrology must be present,
·	Gleyed Matrix (S4)			(- /				disturbed or problematic.
	Layer (if present):							
Type:	Layor (ii proconty.							
Depth (inc	hae).						Hydric Soil Pi	resent? Yes No X
							riyano con ri	100 110 <u>X</u>
Remarks: N	lo hydric soil indicator	s observed						
HYDROLO								
_	ydrology Indicators:			,			<u>Se</u>	condary Indicators (2 or more required)
	icators (minimum of c	ne required; ch						_Water Marks (B1) (Riverine)
Surface	e Water (A1)		Salt Crus					_Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ıst (B12)				_Drift Deposits (B3) (Riverine)
Saturat	ion (A3)		Aquatic Iı	nvertebrate	es (B13)			_Drainage Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)			_Dry-Season Water Table (C2)
Sedime	ent Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	res along	Living Roo	ots (C3)	_Thin Muck Surface (C7)
Drift De	eposits (B3) (Nonrive	rine)	Presence	of Reduce	ed Iron (C4	1)		Crayfish Burrows (C8)
X Surface	Soil Cracks (B6)		Recent Ir	on Reduct	ion in Tille	d Soils (C	6)	Saturation Visible on Aerial Imagery (C9)
Inundat	tion Visible on Aerial I	magery (B7)	Thin Muc	k Surface	(C7)	•		Shallow Aquitard (D3)
l ——	Stained Leaves (B9)	3 7 ()		plain in Re	. ,			FAC-Neutral Test (D5)
	. ,		`					
Field Obser Surface Wat		oo No	V Donth (incl	haa).				
			X Depth (inc					
Water Table			X Depth (inc					
Saturation P		es No	X Depth (inc	nes):		_ Wetla	and Hydrology	y Present? Yes X No
	pillary fringe)	rauga manitari	ag woll poriol ab	otos prov	ious inons	ctions) if a	ovoilable: n/a	
Describe Rec	corded Data (stream o	gauge, monitorii	ig well, aerial pr	iolos, prev	ious irispe	cuoris), ii a	avaliable. 11/a	
Remarks: Alt	though no surface wa	ter was present	at the time of th	e delineati	ion, evider	nce of surfa	ace soil cracks	s indicate that the area ponds water and
	and hydrology.	•			•			·

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 29, 2019
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 170
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	 32.55841108	530	Long: -117.01927967500 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for		year? Yes	X No	(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology			-	
				If needed, explain any answers in Remarks.)
				
SUMMARY OF FINDINGS – Attach site map sh	owing sai	mpling poli	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			
Hydric Soil Present? Yes	No X	is u	ne Sampled . nin a Wetland	YAS NO X
Wetland Hydrology Present? Yes X	No	\	iiii a vvetiaiii	и:
Remarks: The majority of the vegetation on the site ha	ıs been distı	urbed due to	past land use	s. This feature was sampled during the growing season and
does not meet the wetland criteria.		'	•	1 3 3 3
VEGETATION – Use scientific names of plants		<u> </u>		Development Test were destroyed
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none				Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2.				Total Number of Dominant
3.				Species Across All Strata:3(B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC: 33 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species 1 x 1 = 1
4				FACW species 5 x 2 = 10
5				FAC species 1 x 3 = 3 FACU species 5
Herb Stratum (Plot size:)		= Total Cove	er	UPL species 2 x 5 = 10
1. Plagiobothrys acanthocarpus	1	N	OBL	Column Totals: 14 (A) 44 (B)
Hypochaeris glabra	1	N	UPL	(2)
3. Crassula connata	1	N	FAC	Prevalence Index = B/A = 3.1
4. Deinandra fasciculata		Y	FACU	Hydrophytic Vegetation Indicators:
5. Erodium botrys	3	Y	FACU	Dominance Test is >50%
6. Psilocarphus brevissimus	1	N	FACW	Prevalence Index is ≤3.0¹
7. Logfia gallica	1	N	UPL	Morphological Adaptations ¹ (Provide supporting
8. Spergularia bocconi	4	Υ	FACW	data in Remarks or on a separate sheet)
	14	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:				
1. none				¹ Indicators of hydric soil and wetland hydrology must
2				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
9/ Para Cround in Harb Stratum 96 9/ Co	ver of Biotic	Cruet		Vegetation Present? Yes No X
Remarks: Sample area is a vernal pool that receives ru predomince of hydrophytic vegetation, it does support to				
brevissimus).		P.G. II II III O		gyo acaminosai pao ana i onooai pinao

Profile Desc Depth	cription: (Describ Matr		needed to docume	ent the indicato dox Features	r or confirm t	the absence of in	ndicators.)
(inches)	Color (moist)	<u>%</u>	Color (moist)	% Typ	e ¹ Loc ²	– Texture	Remarks
(ITICITES)	Color (moist)		Coloi (moist)		<u> </u>	Texture	- Remarks
						_	
						-	
¹ Type: C=Co	ncentration, D=Depl	etion, RM=Reduce	ed Matrix, CS=Covered	d or Coated Sand 0	Grains. ²	Location: PL=Pore	Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (App	olicable to all L	RRs, unless other	wise noted.)		Indicators fo	or Problematic Hydric Soils ³ :
Histoso	I (A1)		Sandy F	Redox (S5)		1 cm Mu	ck (A9) (LRR C)
	pipedon (A2)			Matrix (S6)			ck (A10) (LRR B)
	listic (A3)			Mucky Mineral (F	:1)		Vertic (F18)
	en Sulfide (A4)			Gleyed Matrix (F			ent Material (TF2)
	d Layers (A5) (LR	IR C\		d Matrix (F3)	<i>2)</i>		xplain in Remarks)
	•	,		` '	`	Ouler (E.	xpiairi ir Remarks)
	uck (A9) (LRR D)			ark Surface (F6	,		
	ed Below Dark Sur			d Dark Surface (2	
	ark Surface (A12)			epressions (F8)	1		hydrophytic vegetation and
Sandy I	Mucky Mineral (S1	1)	Vernal F	Pools (F9)		wetland h	ydrology must be present,
Sandy 0	Gleyed Matrix (S4)				unless dis	sturbed or problematic.
Restrictive	Layer (if present):					
Type:		,-					
						0 "	10 1/
Depth (inc	nes):					Hydric Soil Pres	ent? Yes No X
Remarks: T	he sampled area	supports a pred	ominance of upland	l vegetation and	does not mee	t the hydrophytic	vegetation standard to be considered a
			ydric soils are not co			, , ,	
	, ,	3 .	,	'			
HYDROLO	GY						
Wetland Hy	ydrology Indicate	ors:				Seco	ndary Indicators (2 or more required)
_			; check all that appl	v)			/ater Marks (B1) (Riverine)
	,	or one required	·	, ,			, , ,
	e Water (A1)		Salt Crus				ediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ıst (B12)		D	rift Deposits (B3) (Riverine)
Saturat	ion (A3)		Aquatic Ir	nvertebrates (B1	3)	D	rainage Patterns (B10)
Water N	Marks (B1) (Nonri	verine)	Hydroger	Sulfide Odor (C	21)	D	ry-Season Water Table (C2)
	ent Deposits (B2) (•		Rhizospheres al	•		hin Muck Surface (C7)
	eposits (B3) (Nonr						
	. , , ,	,		of Reduced Iron			rayfish Burrows (C8)
Surface	e Soil Cracks (B6)		Recent In	on Reduction in	Tilled Soils (C		aturation Visible on Aerial Imagery (C9)
Inundat	tion Visible on Aer	ial Imagery (B7)Thin Muc	k Surface (C7)		s	hallow Aquitard (D3)
Water-S	Stained Leaves (B	9)	X Other (Ex	plain in Remark	s)	F.	AC-Neutral Test (D5)
				<u> </u>			
Field Obser							
Surface Wat	ter Present?		No X Depth (incl	·			
Water Table	Present?	Yes	No Depth (incl	hes):			
Saturation P	resent?	Yes	No Depth (incl	nes):	Wetla	and Hydrology P	Present? Yes X No
	pillary fringe)			·		,	
		ım gauge. moni	toring well, aerial ph	otos, previous ir	nspections). if	available: n/a	
	(2 50	J J=,	5 , p.	,,			
Remarks: Alf	though no surface	water was nrec	sent at the time of th	e delineation th	e nool did reta	ain water over the	rainy season and fairy shrimp surveys
	•	•			•		gy. Water table level and saturation are
	a soil pit was not	·	assiss of portaining if		a. oa oapporto		j ator asio is to and saturation are
		3 .					

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA	Sampling Date: March 29, 2019
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 171
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S F	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:	32.55866	•	Long: -117.01891	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent		NWI classification	on: None		
Are climatic / hydrologic conditions on the site typical for		f vear? Yes	X No		
Are Vegetation X, Soil , or Hydrology				· · · · · · · · · · · · · · · · · · ·	
Are Vegetation , Soil X, or Hydrology					
SUMMARY OF FINDINGS – Attach site map s	howing sa	mpling poi	nt locations	s, transects, importan	t features, etc.
Hydrophytic Vegetation Present? Yes X	_No				
Hydric Soil Present? Yes X	No	-	he Sampled	VAC)	(No
Wetland Hydrology Present? Yes X	 No	— Witi	hin a Wetlan	a? —	<u> </u>
Remarks: The majority of the vegetation on the site h	as been dist	urbed due to	nast land use	es. This feature was sample	ed during the growing season and
meets the wetland criteria.	ao boon alor	uibed due to	past laria asc	o. This leature was sample	od dannig the growing occoon and
VEGETATION – Use scientific names of plant					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works	
1. none	70 OOVCI	Орсоюз:	Ctatus	Number of Dominant Sp That Are OBL, FACW, o	
2.				Total Number of Domina	
3.				Species Across All Strat	
4.				Percent of Dominant Sp	ecies
		= Total Cove	er	That Are OBL, FACW, o	or FAC:100(A/B)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index work	sheet:
2.				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4.				FACW species	x 2 =
5				FAC species	
		= Total Cove	er	FACU species	
Herb Stratum (Plot size:)				UPL species	x 5 =
Psilocarphus brevissimus	1	N	FACW	Column Totals:	(B)
2. Plantago elongata	4	Y	FACW_	Prevalence Index	x = B/A =
3. Spergularia bocconi	10	Y	FACW		
4. Plagiobothrys acanthocarpus	2	N	OBL	Hydrophytic Vegetatio	
5. Festuca myuros	1	N	FACU	X Dominance Test i	
6. Juncus bufonius		N	FACW	Prevalence Index	
7. Erodium botrys		N	FACU		aptations¹ (Provide supporting ks or on a separate sheet)
8. Hedypnois cretica	1	N Tabal Oas	UPL		
Woody Vine Stratum (Plot size:)	21	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)
				1 Indicators of hydric aci	il and watland hydrology must
1. none				be present, unless distr	il and wetland hydrology must urbed or problematic.
2		- Tatal Caus			·
		= Total Cove	er	Hydrophytic Vegetation	
% Bare Ground in Herb Stratum 79 % Co	over of Biotic	Crust		Present? Ye	es X No
Remarks: Sample area is a vernal pool that receives re	unoff from a	relatively sma	all local micro	 -watershed. In addition to t	the vernal pool consisting
predominately of hydrophytic vegetation, it does suppo					
basin.					

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches) 0-18	Color (moint)										
Λ 10	Color (moist)		Color (moist)	%	Type ¹	Loc ²	Textu	ıre		Remark	S
U- 10	10YR 4/3	100					sandy cla	ay			
							-				
					· ·	2					
	centration, D=Depletion,					S. ²		=Pore Lining			
Hydric Soil	Indicators: (Applica	ible to all L	RRs, unless ot	herwise note	d.)		Indicat	tors for Pro	blematic	: Hydric S	Soils ³ :
Histosol	` '			dy Redox (S5)				m Muck (A	, .	•	
	oipedon (A2)			ped Matrix (S	-			m Muck (A		B)	
Black Hi	stic (A3)		Loar	ny Mucky Min	eral (F1)			duced Verti			
Hydroge	en Sulfide (A4)		Loar	my Gleyed Ma	ıtrix (F2)		Re	d Parent M	aterial (T	F2)	
Stratified	d Layers (A5) (LRR C	;)	Dер	leted Matrix (F	3)		X Oth	her (Explain	in Rema	ırks)	
1 cm Mu	ıck (A9) (LRR D)		Red	ox Dark Surfa	ce (F6)						
Depleted	d Below Dark Surface	e (A11)	Dep	leted Dark Su	rface (F7)						
Thick Da	ark Surface (A12)		Red	ox Depressior	ns (F8)		3Indica	tors of hydro	ophytic ve	egetation a	and
Sandy N	lucky Mineral (S1)		Verr	nal Pools (F9)			wet	land hydrol	ogy must	be preser	nt,
	Sleyed Matrix (S4)						unle	ess disturbe	ed or prob	lematic.	
Sandy G											
	aver (if present):										
Restrictive L	ayer (if present):										
Restrictive I							l lordeia Ca	:: D	V	V	Na
Restrictive L Type: Depth (incl Remarks: No		a vernal po	ol that is seasor	nally ponded a	and may lad		due to stro			rophytic v	
Restrictive I Type: Depth (incl Remarks: Novetland hydr conditions, o	o redox features obseology. This feature is rother factors, which	a vernal po	ol that is seasor	nally ponded a	and may lad		due to stro	ong indicato	ors of hyd	rophytic v	egetation a
Restrictive I Type: Depth (incl Remarks: Newtland hydr conditions, o	o redox features obseology. This feature is rother factors, which	a vernal po may includ	ol that is seasor	nally ponded a	and may lad		due to stro	ong indicato	ors of hyd nited satu	rophytic v	egetation a
Restrictive I Type: Depth (incl Remarks: Novetland hydr conditions, or YDROLOG Wetland Hy	nes):	a vernal po may includ	ol that is seasor e human-cause	nally ponded a	and may lad		due to stro	ong indicators due to lin	ors of hyd nited satu	rophytic v	egetation ar oth, saline more requi
Restrictive I Type: Depth (incl Remarks: Novetland hydroconditions, of YDROLOG Wetland Hy Primary Indi	nes):	a vernal po may includ	ol that is seasor e human-cause ; check all that a	nally ponded a d disturbance.	and may lad		due to stro	ong indicators due to lin	ors of hyd nited satu / Indicate Marks (B	rophytic v uration dep ors (2 or r	egetation ar oth, saline more requir
Restrictive I Type: Depth (incl Remarks: Novetland hydroconditions, of YDROLOG Wetland Hy Primary Indi Surface	nes):	a vernal po may includ	ol that is seasone human-caused ; check all that a	nally ponded a d disturbance. apply) Crust (B11)	and may lad		due to stro	ong indicators due to lin	ors of hyd nited satu / Indicate Marks (B ent Depos	rophytic v uration dep ors (2 or u 1) (Rivering sits (B2) (I	egetation and oth, saline more requirence) Riverine)
Restrictive I Type: Depth (incl Remarks: Novetland hydronditions, or YDROLOG Wetland Hy Primary Indi Surface High Wa	o redox features observed for the factors, which contains a contai	a vernal po may includ	col that is seasone human-caused ; check all that a Salt (nally ponded a d disturbance. apply) Crust (B11) Crust (B12)	and may lad		due to stro	Secondar Water Sedime	ors of hyd nited satu / Indicate Marks (B ent Depos eposits (E	rophytic v uration deposition of the control of the	egetation and oth, saline more requirence) Riverine)
Restrictive I Type: Depth (incl Remarks: Nowetland hydronditions, on YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati	oredox features observed or other factors, which GY drology Indicators: cators (minimum of or other table (A2) on (A3)	a vernal po may includ	; check all that aSalt (Biotic_X_Aqua	apply) Crust (B11) Crust (B12) tic Invertebrate	es (B13)		due to stro	Secondar Water Sedime Drift De	rs of hyd nited satu nited satu	rophytic v uration deports (2 or r 1) (Riverin sits (B2) (I 33) (Riverin ns (B10)	egetation and oth, saline more require ne) Riverine)
Restrictive I Type: Depth (incl Remarks: Newetland hydr conditions, of YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water N	oredox features observed or oredox features observed or other factors, which or other factors, which or other factors, which or other factors (minimum of or other factors (minimum of or other fable (A2) on (A3) on (A3)	a vernal po may includence ne required	; check all that a Salt C Biotic X Aqua Hydro	apply) Crust (B11) Crust (B12) tic Invertebratiogen Sulfide C	es (B13)	ck hydric s	due to stro	Secondary Water Sedime Drift De Dry-Se	rs of hyd nited satu r Indicate Marks (B ent Deposits (E ge Patter ason Wa	ors (2 or r 1) (Rivering sits (B2) (Rivering (B10) ter Table	egetation and oth, saline more require ne) Riverine)
Restrictive I Type: Depth (incl Remarks: Novetland hydronditions, of the conditions) YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedime	oredox features obseology. This feature is rother factors, which drology Indicators: cators (minimum of orwater (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverint Deposits (B2) (B2) (Nonriverint Deposits (B2) (B2) (B2) (B2) (B2) (B2) (B2) (B2)	a vernal po may includence ne required ne)	; check all that a Salt (Biotic X Aqua Hydro Oxidi:	apply) Crust (B11) Crust (B12) tic Invertebrate ogen Sulfide Co	es (B13) Odor (C1) eres along	ck hydric s	due to stro	Secondary Water Sedime Drift De Dry-Se Thin M	rs of hyd nited satu r Indicate Marks (B ent Deposits (E ge Patter ason Wa uck Surfa	ors (2 or I 1) (Riverinsits (B2) (I 33) (Riverins (B10) ter Table	egetation and oth, saline more require ne) Riverine)
Restrictive I Type: Depth (incl Remarks: Novetland hydroconditions, of the conditions) YDROLOG Wetland Hy Primary Indi Surface High Water Novetland Water Novetland Novetland Water Novetland N	oredox features obseology. This feature is rother factors, which advantage of the factors of the	a vernal po may includence ne required ne)	; check all that a Salt C Biotic X Aqua Hydro Oxidia Prese	apply) Crust (B11) Crust (B12) tic Invertebrate ogen Sulfide Cozed Rhizosphe ence of Reduce	es (B13) Odor (C1) eres along ed Iron (C4	ck hydric s	due to stropic due to	Secondary Water Sedime Drift De Draina Dry-Se Thin M Crayfis	rs of hyd nited satu r Indicate Marks (B ent Deposits (E ge Patter ason Wa uck Surfa h Burrow	ors (2 or I 1) (Riverinsits (B2) (I 33) (Riverins (B10) ter Table (ace (C7) s (C8)	egetation and oth, saline more requirence Riverine) ine) (C2)
Restrictive I Type: Depth (incl Remarks: Novetland hydronditions, of YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water Novetland Novetland Unifit Del X Surface	oredox features obseology. This feature is rother factors, which of the factors o	ne required ne) nriverine)	; check all that a Salt (Biotic X Aqua Hydro Oxidia Prese Rece	apply) Crust (B11) tic Invertebrate ogen Sulfide Control Reduction	es (B13) Odor (C1) eres along ed Iron (C4	ck hydric s	due to stropic due to	Secondar Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae	rs of hyd nited satu r Indicate Marks (B ent Deposits (E ge Patter ason Wa uck Surfa h Burrow tion Visib	ors (2 or III) (Rivering Sits (B2) (III) (Rivering Sits (B2) (III) (Rivering (B10) (III) (C7) (C7) (C7) (C8) (C8) (III) (IIII) (IIII) (IIII) (IIII) (IIII) (IIII) (IIIII) (IIIII) (IIIIIII) (IIIIIIII	egetation and oth, saline more require ne) Riverine)
Restrictive I Type: Depth (incl Remarks: Novetland hydronditions, or YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimel Drift Del X Surface	oredox features obseology. This feature is rother factors, which advantage of the factors of the	ne required ne) nriverine)	; check all that aSalt (BioticYadiaHydroOxidi:PreseRece)Thin I	apply) Crust (B11) Crust (B12) tic Invertebrate ogen Sulfide Co zed Rhizosphe ence of Reduct Muck Surface	es (B13) Odor (C1) eres along ed Iron (C4 tion in Tiller (C7)	ck hydric s	due to stropic due to	Secondar Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae	rs of hyd nited satu r Indicate Marks (B ent Deposits (E ge Patter ason Wa uck Surfa h Burrow	ors (2 or III) (Rivering Sits (B2) (III) (Rivering Sits (B2) (III) (Rivering (B10) (III) (C7) (C7) (C7) (C8) (C8) (III) (IIII) (IIII) (IIII) (IIII) (IIII) (IIII) (IIIII) (IIIII) (IIIIIII) (IIIIIIII	egetation and oth, saline more requirence Riverine) ine) (C2)
Restrictive I Type: Depth (incl Remarks: Novetland hydr conditions, or YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water N Sedimee Drift Dep X Surface Inundati	oredox features obseology. This feature is rother factors, which of the factors o	ne required ne) nriverine)	; check all that aSalt (BioticYadiaHydroOxidi:PreseRece)Thin I	apply) Crust (B11) tic Invertebrate ogen Sulfide Control Reduction	es (B13) Odor (C1) eres along ed Iron (C4 tion in Tiller (C7)	ck hydric s	due to stropic due to	Secondar Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae Shallou	rs of hyd nited satu r Indicate Marks (B ent Deposits (E ge Patter ason Wa uck Surfa h Burrow tion Visib	ors (2 or II 1) (Rivering the sits (B2) (II 33) (Rivering the sits (B10) the Table face (C7) is (C8) ide on Aeriald (D3)	egetation and oth, saline more requirence Riverine) ine) (C2)
Restrictive I Type: Depth (incl Remarks: Novetland hydronditions, of YDROLOG Wetland Hy Primary Indi Surface High Water Novetland Hydronditions Sediment Drift Depth (X) X Surface Inundati Water-Sediment	oredox features obseology. This feature is rother factors, which are rother factors, which are rother factors (minimum of or water (A1) are rother (A2) on (A3) Marks (B1) (Nonriveriant Deposits (B2) (Nonriveriant Cracks (B6) on Visible on Aerial Instained Leaves (B9)	ne required ne) nriverine)	; check all that aSalt (BioticYadiaHydroOxidi:PreseRece)Thin I	apply) Crust (B11) Crust (B12) tic Invertebrate ogen Sulfide Co zed Rhizosphe ence of Reduct Muck Surface	es (B13) Odor (C1) eres along ed Iron (C4 tion in Tiller (C7)	ck hydric s	due to stropic due to	Secondar Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae Shallou	y Indicate Marks (Bent Deposits (Ege Patter ason Wa uck Surfa h Burrow tion Visib	ors (2 or II 1) (Rivering the sits (B2) (II 33) (Rivering the sits (B10) the Table face (C7) is (C8) ide on Aeriald (D3)	egetation and oth, saline more requirence Riverine) ine) (C2)
Restrictive I Type: Depth (incl Remarks: Novetland hydronditions, of the conditions) of the conditions of the condit	oredox features obseology. This feature is rother factors, which are rother factors, which are rother factors (minimum of or water (A1) are rable (A2) on (A3) Marks (B1) (Nonriveriant Deposits (B2) (Nonriversoil Cracks (B6) on Visible on Aerial Instained Leaves (B9) avations:	ne required ne) nriverine) magery (B7	; check all that a ; check all that a Salt C Biotic X Aqua Hydro Oxidia Prese Rece Thin I Other	apply) Crust (B11) Crust (B12) tic Invertebrate ogen Sulfide Co zed Rhizosphe ence of Reduce nt Iron Reduct Muck Surface (Explain in Re	es (B13) Odor (C1) eres along ed Iron (C4 tion in Tilled (C7) emarks)	ck hydric s	due to stropic due to	Secondar Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae Shallou	y Indicate Marks (Bent Deposits (Ege Patter ason Wa uck Surfa h Burrow tion Visib	ors (2 or II 1) (Rivering the sits (B2) (II 33) (Rivering the sits (B10) the Table face (C7) is (C8) ide on Aeriald (D3)	egetation and oth, saline more requirence Riverine) ine) (C2)
Restrictive I Type: Depth (incl Remarks: Novetland hydronditions, or YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water N Sedimer Drift Dep X Surface Inundati Water-S Field Observ Surface Water	oredox features obseology. This feature is rother factors, which are rother factors, which are rother factors (minimum of or	ne required ne) magery (B7	; check all that a ; check all that a Salt C Biotic X Aqua Hydro Oxidia Prese Rece Thin I Other	apply) Crust (B11) Crust (B12) tic Invertebrate ogen Sulfide Co zed Rhizosphe ence of Reduce nt Iron Reduct Muck Surface (Explain in Reduct (inches):	es (B13) Odor (C1) eres along ed Iron (C4 cion in Tilled (C7) emarks)	ck hydric s	due to stropic due to	Secondar Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae Shallou	y Indicate Marks (Bent Deposits (Ege Patter ason Wa uck Surfa h Burrow tion Visib	ors (2 or II 1) (Rivering the sits (B2) (II 33) (Rivering the sits (B10) the Table face (C7) is (C8) ide on Aeriald (D3)	egetation and oth, saline more requirence Riverine) ine) (C2)
Restrictive I Type: Depth (incl Remarks: Novetland hydronditions, or YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water N Sedime Drift Del X Surface Inundati Water-S Field Observ Surface Water Table	presones): predox features observed feature is a cology. This feature is a cology. This feature is a cology indicators: predoction feature is a cology indicators: predoction feature is a cology indicators: predoction feature is a cology indicators: present? presents features observed in this feature is a cology indicators: presents features observed in this feature is a cology indicators. presents features observed in this feature is a cology indicators. presents features observed in this feature is a cology indicators. presents features observed in this feature is a cology	ne required ne) magery (B7	col that is seasone human-caused human-caused human-caused is check all that a salt (apply) Crust (B11) Crust (B12) tic Invertebrate ogen Sulfide Co zed Rhizosphe ence of Reduct tron Reduct Muck Surface (Explain in Reduct (inches):	es (B13) Odor (C1) eres along ed Iron (C4 cion in Tilled (C7) emarks)	Living Roal J Soils (Co	to due to structure oil indicato	Secondar Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae Shallov FAC-N	y Indicate Marks (Bent Deposits (Ege Patter ason Wa uck Surfa h Burrow tion Visib v Aquitare eutral Te	ors (2 or III) (Rivering the sits (B2) (Rivering the sits (B10) ter Table face (C7) is (C8) le on Aeria (D3) st (D5)	more requine) Riverine) (C2)
Restrictive I Type: Depth (incl Remarks: Novetland hydr ronditions, or YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water N Sedime Drift Del X Surface Inundati Water-S Gurface Water Vater Table Saturation Primary Indi	presones): Do redox features obseology. This feature is rother factors, which BY Idrology Indicators: Cators (minimum of or	ne required ne) magery (B7	; check all that a ; check all that a Salt C Biotic X Aqua Hydro Oxidia Prese Rece Thin I Other	apply) Crust (B11) Crust (B12) tic Invertebrate ogen Sulfide Co zed Rhizosphe ence of Reduct tron Reduct Muck Surface (Explain in Reduct (inches):	es (B13) Odor (C1) eres along ed Iron (C4 cion in Tilled (C7) emarks)	Living Roal J Soils (Co	to due to structure oil indicato	Secondar Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae Shallou	y Indicate Marks (Bent Deposits (Ege Patter ason Wa uck Surfa h Burrow tion Visib v Aquitare eutral Te	ors (2 or III) (Rivering the sits (B2) (Rivering the sits (B10) ter Table face (C7) is (C8) le on Aeria (D3) st (D5)	egetation and oth, saline more requirence Riverine) ine) (C2)
Restrictive I Type: Depth (incl Remarks: Nowetland hydronditions, or PDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water N Sedime Drift De X Surface Inundati Water-S Field Observ Surface Water Vater Table Saturation Princludes cap	presones): Do redox features obseology. This feature is rother factors, which BY Idrology Indicators: Cators (minimum of or	a vernal po may included ne required (ne) nriverine) rine) magery (B7	; check all that a ; check all that a Salt C Biotic X Aqua Hydro Oxidia Prese Rece) Thin I Other No X Depth No X Depth No X Depth	apply) Crust (B11) Crust (B12) tic Invertebrate ogen Sulfide Co zed Rhizosphe ence of Reduct Muck Surface (Explain in Reduct (inches): (inches):	es (B13) Odor (C1) eres along ed Iron (C4 tion in Tilled (C7) emarks)	Living Rool John Soils (Co	ots (C3)	Secondar Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae Shallov FAC-N	y Indicate Marks (Bent Deposits (Ege Patter ason Wa uck Surfa h Burrow tion Visib v Aquitare eutral Te	ors (2 or III) (Rivering the sits (B2) (Rivering the sits (B10) ter Table face (C7) is (C8) le on Aeria (D3) st (D5)	more requine) Riverine) (C2)

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 29, 2019
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 172/HCP 3418
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	 32.55861270	600	Long: -117.01882511700 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent si		NWI classification: Freshwater Emergent Wetland		
Are climatic / hydrologic conditions on the site typical for		vear? Yes	X No	
Are Vegetation X, Soil , or Hydrology				
				If needed, explain any answers in Remarks.)
				
SUMMARY OF FINDINGS – Attach site map sh	owing sai	mpling poi	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			
	No X	is u	ne Sampled . nin a Wetland	Yes No X
Wetland Hydrology Present? Yes X	No	— witi	iin a vveuan	ar ——
Remarks: The majority of the vegetation on the site ha	s been distu	urbed due to	past land use	s. This feature was sampled during the growing season and
does not meet the wetland criteria.	o booti diote	arbed dde to	past iana asc	o. This location was sumpled during the growing season and
VEGETATION – Use scientific names of plants				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none	<u> </u>	Орсскоз:	Otatus	Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 2 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. <u>none</u>				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species 3 x 1 = 3
4				FACW species 3 x 2 = 6
5				FAC species 1 x 3 = 3
		= Total Cove	er	FACU species 37 x 4 = 148
Herb Stratum (Plot size:)	•		E4 0)4/	UPL species 1 x 5 = 5
1. Psilocarphus brevissimus	3	N	FACW	Column Totals:45
2. Plagiobothrys acanthocarpus	1	N	OBL	Prevalence Index = B/A = 3.7
Hypochaeris glabra Deinandra fasciculata		N	UPL	Livdroubytic Veretation Indicators
Deinandra fasciculata Erodium botrys	15 	<u> </u>	FACU FACU	Hydrophytic Vegetation Indicators:
6. Festuca myuros	1	N	FACU	Dominance Test is >50% Prevalence Index is ≤3.0¹
7. Hordeum murinum	1	N	FACU	
8. Lepidium nitidum	1	N	FAC	Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
o. <u>Lopidam madam</u>	45	= Total Cov		Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)		rotal col		Troblematic Hydrophytic vegetation (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
				Vegetation
% Bare Ground in Herb Stratum55 % Co	ver of Biotic	Crust		Present? Yes No X
Remarks: Sample area is a vernal pool that receives ru				
predomince of hydrophytic vegetation, it does support to brevissimus).	vo vernal po	ool plant indic	ator species (Plagiobothrys acanthocarpus and Psilocarphus
2.2				

SOIL Sampling Point: 172/HCP 3418

Profile Desc Depth	ription: (Describe to Matrix	the depth nee		ent the inc		confirm	the absence	e of indic	ators.)	
(inches)	Color (moist)	——————————————————————————————————————	Color (moist)	%	Type ¹	Loc ²	– Textu	ro	Remarks	
(inches)	Color (moist)		zolor (moist)		Type	LOC-	_ rextu	<u>re</u>	Remarks	
							_			
				-			_			
							_			
							_			
¹ Type: C=Cor	ncentration, D=Depletion	n, RM=Reduced M	latrix, CS=Covere	d or Coated	Sand Grain	s.	² Location: PL=	=Pore Linin	g, RC=Root Channel, M=N	1atrix.
Hydric Soil	Indicators: (Application	able to all LRR	s, unless other	wise note	d.)		Indicate	ors for Pr	roblematic Hydric Soil	s³:
Histosol	(A1)		Sandy F	Redox (S5))		1 ci	m Muck (A	A9) (LRR C)	
	pipedon (A2)			d Matrix (S					A10) (LRR B)	
_	istic (A3)			Mucky Min	,			duced Ver		
	en Sulfide (A4)			Gleyed Ma	. ,				Material (TF2)	
	d Layers (A5) (LRR (•1		d Matrix (F	. ,				in in Remarks)	
	• • • • • • • • • • • • • • • • • • • •	•)		u Mairix (F Dark Surfa	,			iei (⊏xpiai	iii iii Reiliaiks)	
	uck (A9) (LRR D)	- (044)			` '					
	d Below Dark Surfac	e (ATT)		d Dark Su	. ,		31			
	ark Surface (A12)			Depression	is (F8)			-	Irophytic vegetation and	l
	Mucky Mineral (S1)		Vernal F	Pools (F9)				-	ology must be present,	
Sandy 0	Gleyed Matrix (S4)						unle	ess disturb	ed or problematic.	
Restrictive	Layer (if present):									
Type:										
Depth (inc	hae).						Hydric Soil	I Dresent?	Yes X N	lo X
							et the hydrop	hytic vege	etation standard to be o	onsidered a
wetland. The	erefore, no soil pit wa	s dug and hydri	c soils are not c	onsidered	to be prese	ent.				
HYDROLOG										
Wetland Hy	drology Indicators:							<u>Seconda</u>	ry Indicators (2 or mo	<u>re required)</u>
Primary Indi	cators (minimum of o	one required; ch	eck all that appl	y)				Water	r Marks (B1) (Riverine)	
Surface	Water (A1)		Salt Crus	t (B11)				Sedim	nent Deposits (B2) (Riv	erine)
	ater Table (A2)		Biotic Cru				-		Deposits (B3) (Riverine	-
	` '				oo (D12)		-			,
Saturati			X Aquatic I				-		age Patterns (B10)	
	/larks (B1) (Nonriver	-		n Sulfide C			-		eason Water Table (C2	(1)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	oots (C3)	Thin N	Muck Surface (C7)	
Drift De	posits (B3) (Nonrive	rine)	Presence	of Reduc	ed Iron (C	4)	_	Crayfi	ish Burrows (C8)	
X Surface	Soil Cracks (B6)		Recent Ir	on Reduct	tion in Tille	d Soils (C	26)	Satura	ation Visible on Aerial Ir	magery (C9)
_	ion Visible on Aerial l	magery (B7)		k Surface		,	_		ow Aquitard (D3)	3 , (,
	Stained Leaves (B9)	magary (B1)		kplain in R			-		Neutral Test (D5)	
Water-c	ntairied Leaves (D3)		Other (E)	Apiaiii iii TX	ciriaiks)		<u>-</u>		Neutral Test (D3)	
Field Obser	vations:									
Surface Wat	er Present? Y	es No	X Depth (inc	hes):						
Water Table		es No								
Saturation P		es No					and Hydrolo	oay Proce	ent? Yes X N	0
(includes cap		es No_	Deptil (illo			— ** 60	and mydron	ogy Fiest	ent: 163 <u>X</u> N	
,	orded Data (stream o	nauge monitorin	na well porial sk	notoe prov	ioue incre	octions) if	available: n	v/a		
Describe Nec	orded Data (Stream (gauge, monitorii	ig well, aerial pi	iolos, piev	ious irispe	:CliO(15), 11	avaliable. Ti	ı/a		
Domonico: Alt	hough no ourfees	tor was pre	at the time f "	o dolin 1	ion addre	200 of	food asil are	oko az -1	roconos of immantina fo	in a chrim-
									resence of immature fa a soil pit was not dug.	iry stiririp
indicate trial t	no area ponus water	and supports W	cualiu riyulolog	y. vvalei la	1010 10101 8	inu salula	audii alt iiUl	MIOWII do	a son pit was not duy.	

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA	Sampling Date: I	March 29, 2019
Applicant/Owner: Pardee Homes				State: CA	Sampling Point:	173
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S I	R01W	
Landform (hillslope, terrace, etc.): mesa top				, convex, none): concave		e (%): 0-2
Subregion (LRR): LRR-C	Lat:		•	Long: -117.01892		: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s						
Are climatic / hydrologic conditions on the site typical for						
Are Vegetation X, Soil , or Hydrology _						X No
Are Vegetation , Soil , or Hydrology _					_	
SUMMARY OF FINDINGS – Attach site map sh						,
Hydrophytic Vegetation Present? Yes X	_No	le th	ne Sampled	Aroa		
Hydric Soil Present? Yes X	_No		ie Sampieu iin a Wetlan	VAC 1	X No	_
Wetland Hydrology Present? Yes X	_No	_				
Remarks: The majority of the vegetation on the site had meets the wetland criteria. VEGETATION – Use scientific names of plants						
Trac Stratum (Diet size:	Absolute	Dominant Species?	Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Sp That Are OBL, FACW, of		2 (A)
2.				Total Number of Domina	ant	<u>2</u> (A)
3				Species Across All Strat		2 (B)
4				Percent of Dominant Sp That Are OBL, FACW, of		00 (A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cove	er		<u></u>	<u> </u>
1. none				Prevalence Index worl	ksheet:	
2.				Total % Cover of:	Multiply	/ by:
3.				OBL species		
4				FACW species	x 2 =	
5				FAC species	x 3 =	
		= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Plagiobothrys acanthocarpus	8	<u> </u>	OBL	Column Totals:	(A)	(B)
2. Spergularia bocconi	15	Y	FACW	Prevalence Inde	x = B/A =	
3. Erodium botrys	5	N	FACU			
4. Festuca myuros	1	N	FACU	Hydrophytic Vegetation		
5. Matricaria discoidea	1	N	FACU	X Dominance Test		
Hordeum murinum Bromus hordeaceus	1	N	FACU	Prevalence Index		
8.			FACU_	· · ·	aptations¹ (Provide ks or on a separate	11 0 1
0	35	= Total Cov			ophytic Vegetation	,
Woody Vine Stratum (Plot size:		- Total Gov	CI	Problematic Hydr	opriyuc vegetation	(Explain)
1. none				¹ Indicators of hydric so	il and wetland hydi	rology must
2.				be present, unless dist		
		= Total Cove	er	Hydrophytic Vegetation	_	
	ver of Biotic			Present? Yo	es X No	
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does support basin.						

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	res		_	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	e Remarks
_	_		_					
							_	
							-	
							-	
							-	
¹ Type: C=Con	centration, D=Depletion,	RM=Reduced	Matrix, CS=Covered	or Coated	Sand Grains	s. ² L	Location: PL=P	Pore Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applica	ble to all LF	Rs. unless other	vise note	d.)			rs for Problematic Hydric Soils ³ :
=		5.0 to all 2 .						•
Histosol	` '			edox (S5)				Muck (A9) (LRR C)
	oipedon (A2)			Matrix (S	,			Muck (A10) (LRR B)
Black Hi				lucky Min				uced Vertic (F18)
	n Sulfide (A4)	`		Bleyed Ma				Parent Material (TF2)
	Layers (A5) (LRR C)		l Matrix (F	,		X Other	r (Explain in Remarks)
	ick (A9) (LRR D)			ark Surfa	` '			
	d Below Dark Surface	(A11)		l Dark Sui				
	ark Surface (A12)			epression	ıs (F8)			rs of hydrophytic vegetation and
	lucky Mineral (S1)		Vernal P	ools (F9)				nd hydrology must be present,
Sandy G	Sleyed Matrix (S4)						unless	s disturbed or problematic.
Restrictive I	ayer (if present):							
Type:	ayor (ii procont)i							
			_				Libratuia Cail E	Duna anto Van V Na
Depth (inch	nes):		_				Hydric Soil F	Present? Yes X No No
HYDROLOG	Y							
	drology Indicators:						9/	econdary Indicators (2 or more required)
_			-1	۸			<u> </u>	
	cators (minimum of o	ne requirea;						Water Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crust	(B11)				Sediment Deposits (B2) (Riverine)
High Wa	ater Table (A2)		Biotic Cru	st (B12)				Drift Deposits (B3) (Riverine)
Saturation	on (A3)		Aquatic Ir	vertebrate	es (B13)			Drainage Patterns (B10)
— Water M	larks (B1) (Nonriveri	ne)	Hydrogen	Sulfide C	dor (C1)		·	Dry-Season Water Table (C2)
	nt Deposits (B2) (Nor				eres along	l ivina Roc	ots (C3)	Thin Muck Surface (C7)
	posits (B3) (Nonriver	-		•	ed Iron (C4	-		Crayfish Burrows (C8)
		ilio)			`	,		
	Soil Cracks (B6)	(DZ)			ion in Tilled	a Solis (Co	-	Saturation Visible on Aerial Imagery (C9)
	on Visible on Aerial Ir	magery (B7)	Thin Mucl		. ,		_	Shallow Aquitard (D3)
Water-S	tained Leaves (B9)		Other (Ex	plain in R	emarks)			FAC-Neutral Test (D5)
Field Observ	/ations:							
Surface Wate		es N	lo X Depth (inch	nes):				
Water Table			lo Depth (inch			_		
Saturation Pr	r rosont.					— Wetler	nd Hudrolos	my Present? Vos V No
Saturation Pr	occupt) Va	es N	lo Depth (inch	ies)		_ wella	ind Hydrolog	gy Present? Yes X No
(includes can								
(includes cap	illary fringe)		مامد المستحد المستحد المستحد المستحدد	-4		-4:\ if -	!	_
			oring well, aerial ph	otos, prev	ious inspe	ctions), if a	available: n/a	a
	illary fringe)		oring well, aerial ph	otos, prev	ious inspe	ctions), if a	available: n/a	a
Describe Reco	illary fringe) orded Data (stream g	auge, monito						
Describe Reco	illary fringe) orded Data (stream g	auge, monito	ent at the time of th	e delineat	ion, eviden	ce of surfa	ace soil crack	ks indicate that the area ponds water and
Describe Reco	illary fringe) orded Data (stream g	auge, monito	ent at the time of th	e delineat	ion, eviden	ce of surfa	ace soil crack	
Describe Reco	illary fringe) orded Data (stream g	auge, monito	ent at the time of th	e delineat	ion, eviden	ce of surfa	ace soil crack	
Describe Reco	illary fringe) orded Data (stream g	auge, monito	ent at the time of th	e delineat	ion, eviden	ce of surfa	ace soil crack	

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 29, 2019
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 174
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	 32.559185149	910	Long: -117.01910965700 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s		NWI classification: None		
Are climatic / hydrologic conditions on the site typical fo		vear? Yes	X No	
Are Vegetation X, Soil , or Hydrology				
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map si	howing sa	mpling poi	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	_NoX			
Hydric Soil Present? Yes	No X	is u	ne Sampled	YAS NO X
Wetland Hydrology Present? Yes X	No	— with	nin a Wetlan	a:
Remarks: The majority of the vegetation on the site h	as been dist	urbed due to	past land use	es. This feature was sampled during the growing season and
does not meet the wetland criteria.	ao boon alon	andou duo to	paoriana aoc	so. This issuant was sampled during the growing esastination
VEGETATION – Use scientific names of plant				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none	70 OOVCI	Орсскоз:	Otatus	Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 2 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3	·			OBL species1 x 1 =1
4				FACW species 4 x 2 = 8
5				FAC species 0 x 3 = 0
		= Total Cove	er	FACU species6 x 4 =24
Herb Stratum (Plot size:)				UPL species 7 x 5 = 35
1. Spergularia bocconi	3	N	FACW	Column Totals:18(A)68(B)
2. Plantago elongata		N	FACW	Prevalence Index = B/A = 3.78
3. Matricaria discoidea	5	Y	FACU	
4. Glebionis coronaria	5	Y	UPL_	Hydrophytic Vegetation Indicators:
5. Erodium cicutarium		N	UPL	Dominance Test is >50%
6. Hordeum murinum		N	FACU	Prevalence Index is ≤3.0¹
Plagiobothrys acanthocarpus Mesembryanthemum nodiflorum		N	OBL FACU	Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
6. Wesembryanthemani nodiliolani	18	= Total Cov		· · · · · ·
Woody Vine Stratum (Plot size:)		- Total Cov	/CI	Problematic Hydrophytic Vegetation ¹ (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove		Lhydraphytia
		- Total Cove	J1	Hydrophytic Vegetation
% Bare Ground in Herb Stratum82	over of Biotic	Crust		Present? Yes No X
Remarks: Sample area is a vernal pool that receives re				
predomince of hydrophytic vegetation, it does support t				
	ino roma po	on plant indic	ator species	(Plagiobothrys acanthocarpus and Plantago elongata).
	aro romai pe	or plant mulc	ator species	(Plagiobothrys acanthocarpus and Plantago elongata).

Profile Desc Depth	ription: (Describe to Matrix	the depth nee		ent the inc		confirm t	the absence of	indicators.)
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
(ITICITES)	Color (moist)		zoloi (moist)		туре .	LUC	Texture	
								_
							-	-
							_	
							-	
¹ Type: C=Co	ncentration, D=Depletion	RM=Reduced M	latrix CS=Covere	d or Coated	Sand Grains	s 2	l ocation: PI =Por	re Lining, RC=Root Channel, M=Matrix.
	Indicators: (Application					J.		for Problematic Hydric Soils ³ :
_		able to all Little						•
Histoso				Redox (S5)				Muck (A9) (LRR C)
_	pipedon (A2)			Matrix (Se	,			fluck (A10) (LRR B)
	istic (A3)			Mucky Min	. ,			ed Vertic (F18)
	en Sulfide (A4)	• `		Gleyed Ma				arent Material (TF2)
	d Layers (A5) (LRR (هَ)		d Matrix (F	,		Other (Explain in Remarks)
	uck (A9) (LRR D)	(4.4.4)		Dark Surfac	` '			
	d Below Dark Surfac	e (A11)		d Dark Sur			31 11 1	
	ark Surface (A12)			Depression	s (F8)			of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal F	Pools (F9)				hydrology must be present,
Sandy 0	Gleyed Matrix (S4)						unless	disturbed or problematic.
Restrictive	Layer (if present):							
Type:								
Depth (inc	hes):						Hydric Soil Pre	esent? Yes No X
							t the hydrophyt	ic vegetation standard to be considered a
welland. The	erefore, no soil pit wa	s dug and nydri	c soils are not c	onsidered i	to be prese	ent.		
HYDROLOG	rv.							
	/drology Indicators:						Soc	condary Indicators (2 or more required)
-			ank all that appl)				
	cators (minimum of o	one requirea; cn		,				Water Marks (B1) (Riverine)
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)
Saturati	on (A3)		Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)			Dry-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	Thin Muck Surface (C7)
	posits (B3) (Nonrive	•		of Reduce	_			Crayfish Burrows (C8)
	Soil Cracks (B6)			on Reduct	-			Saturation Visible on Aerial Imagery (C9)
						u Solis (C		
	ion Visible on Aerial I	magery (B7)		k Surface				Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	oplain in Re	emarks)			FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		es No	X Depth (inc	hes)·				
Water Table			Depth (inc			_		
Saturation P			Depth (inc			_ ı	and Hydrology	Present? Vos V No
(includes cap		es NO.	Deptil (inc	nes)		_ wella	and Hydrology	Present? Yes X No
,	orded Data (stream o	nauge monitorin	ng well aerial n	notos prev	ioue inena	ctions) if	available: n/a	
Describe Nec	orded Data (Stream (gauge, monitorii	ig well, aeriai pi	iolos, prev	ious irispe	cuoris), ii d	avaliable. 11/a	
Remarks: Alt	hough no surface wa	ter was procent	at the time of the	ne delinacti	ion eviden	nce of curf	face soil cracks	indicate that the area ponds water and
	nough no surface wa and hydrology. Wate							mulcate that the area polius water and
Sapporto Well	ii, ai ology. vvale	iovoi ailu	- Saturation are I	.St Idiovvii	a oon pi		g.	

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: March 29, 2019			
Applicant/Owner: Pardee Homes State: CA Sampling Point: 176							
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W			
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2			
Subregion (LRR): LRR-C	Lat: 3	 32.55933888	290	Long: -117.01930648600 Datum: NAD83			
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s		NWI classification: None					
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)			
Are Vegetation X, Soil , or Hydrology			·				
Are Vegetation , Soil , or Hydrology	 natura	ally problema	tic? Yes	(If needed, explain any answers in Remarks.)			
SUMMARY OF FINDINGS – Attach site map sh							
Hydric Soil Present? Yes	No X	is u	ne Sampled	YAS NO X			
Wetland Hydrology Present? Yes X	No	— with	nin a Wetlan	d?			
		urbad dua ta	naat land waa	es. This feature was sampled during the growing season and			
does not meet the wetland criteria. VEGETATION – Use scientific names of plants							
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species			
1. none				That Are OBL, FACW, or FAC: 0 (A)			
2				Total Number of Dominant Species Across All Strata:			
				Percent of Dominant Species (B)			
4.		= Total Cove		That Are OBL, FACW, or FAC: 0 (A/B)			
Sapling/Shrub Stratum (Plot size:)		- Total Cove	J1				
1. none				Prevalence Index worksheet:			
2.				Total % Cover of: Multiply by:			
3.				OBL species1 x 1 =1			
4.				FACW species 0 x 2 = 0			
5.				FAC species0 x 3 =0			
		= Total Cove	er	FACU species 7 x 4 = 28			
Herb Stratum (Plot size:)				UPL species1 x 5 =5			
1. Hordeum murinum	5	Y	FACU	Column Totals:9 (A)34 (B)			
2. Erodium cicutarium	1	N	UPL	Prevalence Index = B/A = 3.8			
3. Matricaria discoidea		N	FACU				
4. Lamarckia aurea	1	N	FACU	Hydrophytic Vegetation Indicators:			
5. Plagiobothrys acanthocarpus	1	N	OBL	Dominance Test is >50%			
6. 7.				Prevalence Index is ≤3.0¹			
8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)			
0	9	= Total Cov		Problematic Hydrophytic Vegetation¹ (Explain)			
Woody Vine Stratum (Plot size:)		- Total Cov	CI	Problematic Hydrophytic Vegetation (Explain)			
1 none				¹ Indicators of hydric soil and wetland hydrology must			
				be present, unless disturbed or problematic.			
		= Total Cove	er	Hydrophytic			
% Bare Ground in Herb Stratum 91 % Co	ver of Biotic		•	Vegetation Present? Yes No X			
Remarks: Sample area is a vernal pool that receives ru		-	all local miara				
predomince of hydrophytic vegetation, it does support of							

Depth	ription: (Describe to Matrix	the depth n		ent the ind dox Featu		confirm t	the absence o	of indicators.)
(inches)	Color (moist)	 _	Color (moist)	%	Type ¹	Loc ²	– Texture	Remarks
()								
							_	
							_	-
1Tumar C=Car			Matrix CC=Cayara	- Cooted	Cand Crain		21 agation: DI =Da	are Lining DC-Deet Channel M-Metrix
	Indicators: (Application)					S.		ore Lining, RC=Root Channel, M=Matrix. s for Problematic Hydric Soils³:
-		abic to all Elt						•
Histoso	` '			Redox (S5)				Muck (A9) (LRR C)
_	pipedon (A2)			Matrix (Se	,			Muck (A10) (LRR B)
	istic (A3)			Aucky Min				ced Vertic (F18)
Hydroge	en Sulfide (A4)		Loamy (Sleyed Ma	trix (F2)			Parent Material (TF2)
Stratifie	d Layers (A5) (LRR (S)	Depleted	d Matrix (F	3)		Other	(Explain in Remarks)
1 cm M	uck (A9) (LRR D)		Redox D	ark Surfac	ce (F6)			
Deplete	d Below Dark Surfac	e (A11)	Depleted	d Dark Sur	face (F7)			
Thick D	ark Surface (A12)		Redox D	epression	ıs (F8)		3Indicators	s of hydrophytic vegetation and
Sandy I	Mucky Mineral (S1)		Vernal F	Pools (F9)			wetlan	d hydrology must be present,
Sandy (Gleyed Matrix (S4)			` ,				disturbed or problematic.
								·
_	Layer (if present):							
Type:								
Depth (inc	hes):						Hydric Soil P	resent? Yes No X
Pomorko: T	ho compled area our	norto a prodo	minanaa af unland	Lyogototio	n and dag	o not moo	t the budrenby	tic vegetation standard to be considered a
HYDROLO	gy .							
	/drology Indicators:	!					Se	econdary Indicators (2 or more required
_	icators (minimum of o		check all that anni	w)			<u>50</u>	Water Marks (B1) (Riverine)
	,	nie requireu, t		, ,				_ ` '` '
	Water (A1)		Salt Crus					_ Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ıst (B12)				_Drift Deposits (B3) (Riverine)
Saturat	ion (A3)		Aquatic I	nvertebrate	es (B13)			_Drainage Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydroger	Sulfide O	dor (C1)			Dry-Season Water Table (C2)
—— Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Livina Ro	oots (C3)	Thin Muck Surface (C7)
	posits (B3) (Nonrive	-		•	ed Iron (C	-	()	Crayfish Burrows (C8)
		· · · · · · ·			-	•	·e) —	
_	Soil Cracks (B6)	(5-1)			ion in Tille	a Solis (C	,o) <u> </u>	_ Saturation Visible on Aerial Imagery (C9)
	ion Visible on Aerial l	magery (B7)		k Surface	-			_Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	oplain in Re	emarks)			_FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		es N	o X Depth (inc	hes).				
Water Table		es N						
Saturation P		es N	o Depth (inc	nes):		_ Wetla	and Hydrolog	y Present? Yes X No
	oillary fringe)							
Describe Rec	orded Data (stream o	gauge, monito	ring well, aerial ph	otos, prev	ious inspe	ctions), if	available: n/a	
	•							s indicate that the area ponds water and
supports wetl	and hydrology. Wate	table level ar	na saturation are r	iot known	as a soil p	ıı was not	aug.	

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 29, 2019			
Applicant/Owner: Pardee Homes State: CA Sampling Point:							
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W			
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2			
Subregion (LRR): LRR-C	Lat: 3	 32.55959881	490	Long: -117.01993323600 Datum: NAD83			
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s		NWI classification: None					
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)			
Are Vegetation X, Soil , or Hydrology							
				(If needed, explain any answers in Remarks.)			
SUMMARY OF FINDINGS – Attach site map sh							
SOMMANT OF FINDINGS - Attach site map si	lowing Sai		iit iocations	s, transects, important reatures, etc.			
Hydrophytic Vegetation Present? Yes	No X	_	ne Sampled	Aroa			
	No X		nin a Wetlan	YAS NO			
Wetland Hydrology Present? Yes X	No	_					
Remarks: The majority of the vegetation on the site hadoes not meet the wetland criteria.	s been dist	urbed due to	past land use	es. This feature was sampled during the growing season and			
VEGETATION – Use scientific names of plants							
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:			
1. none	70 00101			Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)			
2.				Total Number of Dominant			
3.				Species Across All Strata: 2 (B)			
4.				Percent of Dominant Species			
		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)			
Sapling/Shrub Stratum (Plot size:)							
1. <u>none</u>				Prevalence Index worksheet:			
2				Total % Cover of: Multiply by:			
3				OBL species1 x 1 =1			
4				FACW species 0 x 2 = 0			
5				FACULT TO SERVICE TO S			
Harle Christians (Diet size)		= Total Cove	er	FACU species 8 x 4 = 32 UPL species 3 x 5 = 15			
Herb Stratum (Plot size:) 1. Plagiobothrys acanthocarpus	1	N	OBL	UPL species3 x 5 =15 Column Totals: 12 (A) 48 (B)			
2. Erodium botrys		Y	FACU	Column Totals. 12 (A) 40 (B)			
3. Logfia gallica		N	UPL	Prevalence Index = B/A = 4.0			
4. Deinandra fasciculata	5	Y	FACU	Hydrophytic Vegetation Indicators:			
5. Bromus madritensis	1	N	UPL	Dominance Test is >50%			
6. Glebionis coronaria	1	N	UPL	Prevalence Index is ≤3.0¹			
7. Lamarckia aurea	1	N	FACU	Morphological Adaptations ¹ (Provide supporting			
8.				data in Remarks or on a separate sheet)			
	12	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)			
Woody Vine Stratum (Plot size:							
1. none				¹ Indicators of hydric soil and wetland hydrology must			
2.				be present, unless disturbed or problematic.			
		= Total Cove	er	Hydrophytic			
0/ Para Cround in Harb Stratum 99 0/ Co	vor of Piotio	Cruet		Vegetation Present? Yes X No			
	ver of Biotic						
Remarks: Sample area is a vernal pool that receives ru predomince of hydrophytic vegetation, it does support o							
The second of th	re.mai pe	· p.a. n n n		(g,			

Profile Desc Depth	cription: (Describe t Matrix	o the depth nee		ent the incention in the incention in the interest in the inte		confirm	the absence of	of indicators.)			
(inches)	Color (moist)	<u></u> % (Color (moist)	%	Type ¹	Loc ²	Texture	Remar	(S		
(11101100)			ocioi (molot)		,,,,						
		·									
				-	· ——						
							_				
¹ Type: C=Co	ncentration, D=Depletio	n, RM=Reduced M	//atrix, CS=Covere	ed or Coated	Sand Grain	ıs.	² Location: PL=Po	ore Lining, RC=Root Channel,	M=Matrix.		
Hydric Soi	Indicators: (Applic	able to all LRR	s, unless other	rwise note	ed.)		Indicators	s for Problematic Hydric	Soils³:		
Histoso	l (A1)		Sandy I	Redox (S5))		1 cm	Muck (A9) (LRR C)			
_	pipedon (A2)			d Matrix (S				Muck (A10) (LRR B)			
	listic (A3)			Mucky Min	,			ced Vertic (F18)			
— Hydrog	en Sulfide (A4)			Gleyed Ma				Parent Material (TF2)			
	d Layers (A5) (LRR	C)		ed Matrix (F			Other	(Explain in Remarks)			
	uck (A9) (LRR D)	,	Redox I	Dark Surfa	ce (F6)			,			
 Deplete	ed Below Dark Surfac	e (A11)		ed Dark Su	. ,						
Thick D	ark Surface (A12)	` ,	Redox	Depressior	ns (F8)		3Indicators	s of hydrophytic vegetation	and		
	Mucky Mineral (S1)			Pools (F9)	` ,			nd hydrology must be prese			
	Gleyed Matrix (S4)			(- /				disturbed or problematic.	,		
								<u>'</u>			
	Layer (if present):										
Type:											
Depth (inc	ches):						Hydric Soil P	resent? Yes	No <u>X</u>		
Remarks: T	he sampled area su	ports a predom	inance of uplan	d vegetatio	n and doe	s not me	et the hydrophy	tic vegetation standard to	be considered a		
wetland. The	erefore, no soil pit wa	ıs dug and hydri	c soils are not c	onsidered	to be pres	ent.					
	OV										
HYDROLO								econdary Indicators (2 or			
	ydrology Indicators			1			<u> 56</u>				
	icators (minimum of	one required; ch						_Water Marks (B1) (River	•		
Surface	e Water (A1)		Salt Crus	st (B11)				_Sediment Deposits (B2) (Riverine)		
High W	ater Table (A2)		X Biotic Cr	ust (B12)				_ Drift Deposits (B3) (River	rine)		
Saturat	ion (A3)		Aquatic l	Invertebrat	es (B13)		Drainage Patterns (B10)				
Water I	Marks (B1) (Nonrive	rine)	Hydroge	n Sulfide C	Odor (C1)			Dry-Season Water Table	(C2)		
—— Sedime	ent Deposits (B2) (No	nriverine)	Oxidized	l Rhizosphe	eres alona	Livina Ro	oots (C3)	Thin Muck Surface (C7)			
	eposits (B3) (Nonrive	•		e of Reduc	_	_	()	Crayfish Burrows (C8)			
_	e Soil Cracks (B6)	11110)		ron Reduct	-			Saturation Visible on Aer	ial Imagany (C0)		
	, ,	Inn a mam / (DZ)				iu solis (C			lai iiilagery (C9)		
	tion Visible on Aerial	imagery (B7)		ck Surface				_ Shallow Aquitard (D3)			
Water-	Stained Leaves (B9)		Other (E	xplain in R	emarks)		_	_FAC-Neutral Test (D5)			
Field Obser	vations:										
Surface Wat	ter Present?	es No	X Depth (inc	ches):							
Water Table		res No				_					
Saturation P		/es No				— Wetl	land Hydrolog	y Present? Yes X	No		
	pillary fringe)					— · · · ·		,			
	corded Data (stream	gauge, monitorir	ng well. aerial p	hotos, prev	ious inspe	ections). if	f available: n/a				
	•	5 5 ,	3 , 1	, ,	'	,,					
Remarks: Al	though no surface wa	ater was present	t at the time of t	he delineat	tion, evider	nce of sur	rface soil crack	s and biotic crusts indicate	that the area		
	and supports wetland										

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: March 29, 2019						
Applicant/Owner: Pardee Homes	Applicant/Owner: Pardee Homes State: CA Sampling Point: 181									
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W						
Landform (hillslope, terrace, etc.): mesa top		 Local rel	lief (concave,	convex, none): concave Slope (%): 0-2						
Subregion (LRR): LRR-C	Lat: 3	 32.55443		Long: -117.02287 Datum: NAD83						
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None						
Are climatic / hydrologic conditions on the site typical for		vear? Yes	X No	(If no. explain in Remarks.)						
Are Vegetation X, Soil , or Hydrology			· <u></u>							
				(If needed, explain any answers in Remarks.)						
										
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poil	nt locations	s, transects, important features, etc.						
Hydrophytic Vegetation Present? Yes X	No									
Hydric Soil Present? Yes	No X		ne Sampled <i>i</i> nin a Wetland	YAS NO X						
Wetland Hydrology Present? Yes X	No	Witi	iiii a vvetiaiii	u: ———						
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	es. Vegetation is not strongly hydrophytic and hydric soils						
were not observed. Sampled area is not a wetland.			past 10.110 000							
VEGETATION – Use scientific names of plants		<u> </u>	1 12 1	Deminera Testamento						
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:						
1. none				Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)						
2.				Total Number of Dominant						
3.				Species Across All Strata: 2 (B)						
4.				Percent of Dominant Species						
		= Total Cove	er	That Are OBL, FACW, or FAC:50(A/B)						
Sapling/Shrub Stratum (Plot size:)										
1. none				Prevalence Index worksheet:						
2				Total % Cover of: Multiply by:						
3				OBL species 6 x 1 = 6						
4				FACW species 3 x 2 = 6						
5				FACUL species						
Herb Stratum (Plot size:)		= Total Cove	er	FACU species4 x 4 =16 UPL species 0						
1. Plagiobothrys acanthocarpus	6	Υ	OBL	Column Totals: 14 (A) 31 (B)						
2. Lepidium latipes	1	N	FACW							
3. Plantago elongata	1	N	FACW	Prevalence Index = B/A = 2.2						
4. Hordeum murinum	2	Y	FACU	Hydrophytic Vegetation Indicators:						
5. Lepidium nitidum	1	N	FAC	Dominance Test is >50%						
6. Erodium botrys	1	N	FACU	X Prevalence Index is ≤3.0¹						
7. Psilocarphus brevissimus	1	N	FACW	Morphological Adaptations ¹ (Provide supporting						
8. Festuca myuros	1	N	FACU	data in Remarks or on a separate sheet)						
	14	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)						
Woody Vine Stratum (Plot size:)										
1. <u>none</u>				¹ Indicators of hydric soil and wetland hydrology must						
2				be present, unless disturbed or problematic.						
		= Total Cove	er	Hydrophytic						
% Bare Ground in Herb Stratum 86 % Co	ver of Biotic	Cruet		Vegetation Present? Yes X No						
Remarks: Sample area is a vernal pool that receives ru				-watershed. In addition to the vernal pool consisting ies (Plagiobothrys acanthocarpus, Plantago elongata, and						
Psilocarphus brevissimus). Leaf litter is present in basin		ai pooi piant ii	naloutor spec							

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ires							
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks				
18	10YR 4/3	100					Sandy Clay	No Redox				
	101114/0						- Carray Clay	140 Flodox				
	-	·					· -					
		· 	_									
•	ncentration, D=Depletio					s. L	_ocation: PL=Pore	Lining, RC=Root Channel, M=Matrix.				
Hydric Soil	Indicators: (Applic	able to all L	RRs, unless otherv	vise note	d.)		Indicators fo	or Problematic Hydric Soils ³ :				
Histoso	I (A1)		Sandy R	edox (S5))		1 cm Mu	ck (A9) (LRR C)				
Histic E	pipedon (A2)		Stripped	Matrix (S	6)			ck (A10) (LRR B)				
Black H	istic (A3)		Loamy N	lucky Min	eral (F1)			Vertic (F18)				
	en Sulfide (A4)			Sleyed Ma				ent Material (TF2)				
· ·	d Layers (A5) (LRR	C)		Matrix (F				xplain in Remarks)				
	uck (A9) (LRR D)	C)		ark Surfa	,		Other (L	xpiairi ir remarks)				
		o (A11)			` '							
	d Below Dark Surfac	e (ATT)			face (F7)		31,5,41,5,5,5,5,5,5	la calua a la cita con acadadia a a a a al				
	ark Surface (A12)			epression	is (F8)			hydrophytic vegetation and				
	Mucky Mineral (S1)		Vernal P	ools (F9)				ydrology must be present,				
Sandy 0	Gleyed Matrix (S4)						unless di	sturbed or problematic.				
Restrictive	Layer (if present):											
Type:	_a, c. (p. ccc).											
	I \						Libertale Opti Days	and Var				
Depth (inc	nes):						Hydric Soil Pres	ent? Yes No X				
Remarks: A	lot of cobble near th	e surface.										
HYDROLOG	2V											
_	drology Indicators						· · · · · · · · · · · · · · · · · · ·	ndary Indicators (2 or more required)				
Primary Ind	icators (minimum of	one required	; check all that apply	<i>'</i>)			Water Marks (B1) (Riverine)					
Surface	Water (A1)		Salt Crust	(B11)			S	ediment Deposits (B2) (Riverine)				
— High W	ater Table (A2)		X Biotic Cru					rift Deposits (B3) (Riverine)				
·	ion (A3)		Aquatic In		oo (D12)			rainage Patterns (B10)				
	` '				, ,			• , ,				
	Marks (B1) (Nonrive		Hydrogen					ry-Season Water Table (C2)				
Sedime	ent Deposits (B2) (No	nriverine)	Oxidized I	Rhizosphe	eres along	Living Roc	ots (C3) T	nin Muck Surface (C7)				
Drift De	posits (B3) (Nonrive	erine)	Presence	of Reduc	ed Iron (C4	1)	C	rayfish Burrows (C8)				
X Surface	Soil Cracks (B6)		Recent Iro	n Reduct	ion in Tille	d Soils (C6	3)	aturation Visible on Aerial Imagery (C9)				
	ion Visible on Aerial	Imagery (R7)				,		hallow Aquitard (D3)				
		imagery (br			. ,							
water-s	Stained Leaves (B9)		Other (Ex	piain in R	emarks)			AC-Neutral Test (D5)				
Field Obser	vations:											
Surface Wat	er Present?	es l	No X Depth (inch	ies).								
Water Table			No X Depth (inch			_						
				-		— 						
							nd Hydrology F	resent? Yes X No				
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspecti												
Describe Rec	corded Data (stream	gauge, monit	oring well, aerial ph	otos, prev	ious inspe	ctions), if a	available: n/a					
D A 14												
Remarks: Alt	hough no surface wa	ater was pres	ent at the time of th	e delineat	ion, evider	ice of surfa	ace soil cracks a	nd biotic crusts observed.				
Remarks: All	though no surface wa	ater was pres	ent at the time of th	e delineat	ion, evider	ice of surfa	ace soil cracks a	nd biotic crusts observed.				
Remarks: Alt	though no surface wa	ater was pres	ent at the time of th	e delineat	ion, evider	ice of surfa	ace soil cracks a	nd biotic crusts observed.				
Remarks: Alt	though no surface wa	ater was pres	ent at the time of th	e delineat	ion, evider	ice of surfa	ace soil cracks a	nd biotic crusts observed.				
Kemarks: Alt	hough no surface wa	ater was pres	ent at the time of th	e delineat	ion, evider	ice of surfa	ace soil cracks a	nd biotic crusts observed.				

Project/Site: Southwest Village Specific Plan		City/Coun	nty: <u>San Dieg</u>	o, CA	_Sampling Date: March 29	, 2019				
Applicant/Owner: Pardee Homes	Applicant/Owner: Pardee Homes State: CA Sampling Point: 183									
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S I	R01W					
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave	Slope (%): 0-2	2				
Subregion (LRR): LRR-C	Lat:	32.554522		Long: -117.023231 Datum: NAD83						
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None						
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	o (If no, explain in	n Remarks.)					
Are Vegetation X, Soil , or Hydrology						0				
Are Vegetation Soil X, or Hydrology					· · · · · · · · · · · · · · · · · · ·					
SUMMARY OF FINDINGS – Attach site map si	nowing sa	mpling poli	nt locations	s, transects, importan	it features, etc.					
Hydrophytic Vegetation Present? Yes X	_No	_ 1-41	0 1 1	A						
Hydric Soil Present? Yes X	_No		he Sampled nin a Wetlan	YAC	X No					
Wetland Hydrology Present? Yes X	_No	_ """	iiii a rrotiaii	. .						
Remarks: The majority of the vegetation on the site has	as been dist	urbed due to	past land use	es. This feature was sampl	led during the growing seaso	on and				
meets the wetland criteria.		·	•	·						
VEGETATION – Use scientific names of plant		Daminant	la di a atau	Dominance Test work	rahaati					
Tree Stratum (Plot size:	Absolute % Cover	Dominant Species?	Indicator Status							
1. none				Number of Dominant Sp That Are OBL, FACW, of		(A)				
2.				Total Number of Domina		`				
3.				Species Across All Strat	ata: <u>5</u>	(B)				
4.				Percent of Dominant Sp		(A/B)				
		= Total Cove	er	That Are OBL, FACW, o	or FAC: 80	(A/D)				
Sapling/Shrub Stratum (Plot size:)										
1. <u>none</u>				Prevalence Index worl	ksheet:					
2				Total % Cover of:	Multiply by:					
3				OBL species	x 1 =					
4				FACW species						
5				FAC species x 3 =						
Harb Stratum (Diet size)		= Total Cove	er	FACU species UPL species						
Herb Stratum (Plot size:)	1	Υ	FACW	Column Totals:	x 5 =(A) (E	В)				
Lepidium latipes Lepidium nitidum	2	Y	FAC	Column Totals.	(r)	ارا				
Lepidiam middim Plagiobothrys acanthocarpus	1	Y	OBL	Prevalence Inde	ex = B/A =					
4. Spergularia bocconi	1	Y	FACW	Hydrophytic Vegetation	on Indicators					
5. Mesembryanthemum nodiflorum	1	Y	FACU	X Dominance Test						
6				Prevalence Index						
7.				·	daptations¹ (Provide supporti	ina				
8.					rks or on a separate sheet)	9				
		= Total Cov	/er	Problematic Hvdr	rophytic Vegetation¹ (Explair	n)				
Woody Vine Stratum (Plot size:					1 7 3 (1	′				
1. none	6			¹ Indicators of hydric so	oil and wetland hydrology mu	ust				
2.				be present, unless dist	turbed or problematic.					
		= Total Cove	er	Hydrophytic						
				Vegetation						
	over of Biotic				'es X No					
Remarks: Sample area is a vernal pool that receives ru						4 1				
predominately of hydrophytic vegetation, it does support basin.	τι one vernal	pool plant ind	uicator specie	ss (Plaglobothrys acanthod	carpus). Lear litter is present	ιIN				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Color (moist) 10YR 4/3		110	dox Featuı	CS							
)-12	10YR 4/3	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks				
							clay	no redox				
								- -				
								_				
T 0-0	 centration, D=Depletion	DM-D-du-	I M - t-i 00 - 0	041	2	. 21		E Lining, RC=Root Channel, M=Matrix.				
	•					5. L						
Hyaric Soil	Indicators: (Applica	ible to all L			1.)			for Problematic Hydric Soils ³ :				
Histosol	` '			edox (S5)				uck (A9) (LRR C)				
Histic Ep	pipedon (A2)		Stripped	Matrix (S6	5)		2 cm M	uck (A10) (LRR B)				
Black His	stic (A3)		Loamy N	lucky Mine	eral (F1)		Reduce	ed Vertic (F18)				
Hydroge	n Sulfide (A4)		Loamy C	Sleyed Mat	rix (F2)		Red Pa	rent Material (TF2)				
Stratified	Layers (A5) (LRR C	;)	Depleted	Matrix (F	3)		X Other (E	Explain in Remarks)				
	ıck (A9) (LRR D)	,	Redox D	ark Surfac	é (F6)			•				
	d Below Dark Surface	(A11)		Dark Sur	` '							
	ark Surface (A12)	, , , , ,		epression	` ,		3Indicators of	of hydrophytic vegetation and				
	fucky Mineral (S1)			ools (F9)	3 (1 0)			, , ,				
	• ,		vernar P	00is (F9)				hydrology must be present, listurbed or problematic.				
	Gleyed Matrix (S4)						uniess d	ilsturbed or problematic.				
estrictive L	ayer (if present):											
Type: cob	ble											
Depth (inch							Hydric Soil Pre	esent? Yes X No				
Dopar (mon	100). 12						Hydric Soil Present? Yes X No No due to strong indicators of hydrophytic vegetation and					
YDROLOG							Coo	andon, Indiantona (2 au mara vancius				
_	drology Indicators:			,				ondary Indicators (2 or more required				
[⊃] rimary Indic	cators (minimum of o	ne required	l; check all that apply	/)			\	Water Marks (B1) (Riverine)				
Surface	Water (A1)		Salt Crust	(B11)			Sediment Deposits (B2) (Riverine)					
— High Wa	ater Table (A2)		X Biotic Cru	st (B12)			Drift Deposits (B3) (Riverine)					
Saturatio				vertebrate	s (B13)		Drainage Patterns (B10) Dry-Season Water Table (C2)					
	larks (B1) (Nonriver i	no)		Sulfide O	` ,							
water ivi												
0 "	nt Deposits (B2) (No	,		Rhizosphe	-	-	` ' —	Thin Muck Surface (C7)				
	posits (B3) (Nonrive i	rine)	Presence	of Reduce	ed Iron (C4	·)	(Crayfish Burrows (C8)				
	Soil Cracks (B6)		Recent Ire	on Reducti	on in Tilled	d Soils (C6	S) S	Saturation Visible on Aerial Imagery (CS				
Drift Dep		magery (B7	Thin Muc	k Surface ((C7)			Shallow Aquitard (D3)				
Drift Dep	` '	5 , (plain in Re				FAC-Neutral Test (D5)				
Drift Dep X Surface Inundation	on Visible on Aerial I			,	,			(/				
Drift Dep X Surface Inundation Water-S	on Visible on Aerial I stained Leaves (B9)											
Drift Dep X Surface Inundation	on Visible on Aerial I stained Leaves (B9)											
Drift Dep X Surface Inundation Water-S	on Visible on Aerial I tained Leaves (B9) vations:	es	No X Depth (incl	nes):		_						
Drift Dep X Surface Inundation Water-S Field Observ	on Visible on Aerial I stained Leaves (B9) vations: er Present?		<u> </u>			_						
Drift Dep X Surface Inundation Water-Sield Observ Surface Water Vater Table I	on Visible on Aerial I tained Leaves (B9) vations: er Present? Yeresent?	es	No X Depth (incl	nes):		 Wetla	nd Hydrology	Present? Yes X No				
Drift Dep X Surface Inundation Water-Sield Observ Surface Water Vater Table I	on Visible on Aerial II tained Leaves (B9) vations: er Present? Present? Yesent? Yesent?	es	No X Depth (inch	nes):		 Wetla	nd Hydrology	Present? Yes X No				
Drift Dep X Surface Inundation Water-Sield Observ Surface Water Vater Table If Saturation Proncludes cap	on Visible on Aerial I Itained Leaves (B9) Vations: er Present? Present? Viesent? Viillary fringe)	es es	No X Depth (inch	nes):	ous inspec			Present? Yes X No				
Drift Dep X Surface Inundation Water-Sield Observ Surface Water Vater Table If Saturation Proncludes cap	on Visible on Aerial II tained Leaves (B9) vations: er Present? Present? Yesent? Yesent?	es es	No X Depth (inch	nes):	ous inspec			Present? Yes X No				
Drift Dep X Surface Inundation Water-Sield Observ Surface Water Vater Table If Saturation Proncludes cap	on Visible on Aerial I Itained Leaves (B9) Vations: er Present? Present? Viesent? Viillary fringe)	es es	No X Depth (inch	nes):	ous inspec			Present? Yes X No				
Drift Dep X Surface Inundation Water-S ield Observ Surface Water Vater Table Is Staturation Princludes cap escribe Reco	on Visible on Aerial I Italined Leaves (B9) vations: er Present? Present? esent? villary fringe) orded Data (stream g	es es auge, moni	No X Depth (inches No X Depth (inches No X Depth (inches toring well, aerial ph	nes): nes): otos, previ		ctions), if a	available: n/a					
Drift Dep X Surface Inundation Water-S ield Observing author Table Information Proceedings and escribe Recommendation Proceedings and	on Visible on Aerial II Italined Leaves (B9) vations: er Present? Present? esent? villary fringe) onded Data (stream genough no surface wa	es es auge, moni	No X Depth (inches No X Depth (inches No X Depth (inches toring well, aerial ph	nes): nes): otos, previ		ctions), if a	available: n/a	Present? Yes X No				
Drift Dep X Surface Inundation Water-S ield Observe Surface Water Vater Table Is Staturation Princludes cap escribe Recommendation emarks: Alth	on Visible on Aerial I Italined Leaves (B9) vations: er Present? Present? esent? villary fringe) orded Data (stream g	es es auge, moni	No X Depth (inches No X Depth (inches No X Depth (inches toring well, aerial ph	nes): nes): otos, previ		ctions), if a	available: n/a					
Drift Dep X Surface Inundation Water-S ield Observe Surface Water Vater Table Is Staturation Princludes cap escribe Recommendation emarks: Alth	on Visible on Aerial II Italined Leaves (B9) vations: er Present? Present? esent? villary fringe) onded Data (stream genough no surface wa	es es auge, moni	No X Depth (inches No X Depth (inches No X Depth (inches toring well, aerial ph	nes): nes): otos, previ		ctions), if a	available: n/a					

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 29, 2019							
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 184							
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W							
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2							
Subregion (LRR): LRR-C	Lat: 3	 32.555961370	070	Long: -117.02618556900 Datum: NAD83							
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None							
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in Remarks.)							
Are Vegetation X, Soil , or Hydrology											
Are Vegetation , Soil , or Hydrology	natura	ally problema	tic? Yes	(If needed, explain any answers in Remarks.)							
SUMMARY OF FINDINGS – Attach site map sh											
SOMMANT OF FINDINGS - Attach site map si	lowing Sai		iii iocalioni	s, transects, important leatures, etc.							
Hydrophytic Vegetation Present? Yes	No x	_ le #	he Sampled	Aroa							
Hydric Soil Present? Yes	No X	I	nin a Wetlan	YAS NO Y							
Wetland Hydrology Present? Yes X	_No	_									
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and does not meet the wetland criteria.											
VEGETATION – Use scientific names of plants											
	Absolute	Dominant	Indicator	Dominance Test worksheet:							
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species							
1. none				That Are OBL, FACW, or FAC:(A)							
2				Total Number of Dominant Species Across All Strata:							
3				Percent of Dominant Species (B)							
4		= Total Cove		That Are OBL, FACW, or FAC:(A/B)							
Sapling/Shrub Stratum (Plot size:)		- Total Cove	3 1								
1. none				Prevalence Index worksheet:							
2.				Total % Cover of: Multiply by:							
3.				OBL species 1 x 1 = 1							
4.				FACW species0 x 2 =0							
5.				FAC species0 x 3 =0							
		= Total Cove	er	FACU species 2 x 4 = 8							
Herb Stratum (Plot size:)				UPL species1 x 5 =5							
Plagiobothrys acanthocarpus	1	N	OBL	Column Totals:4 (A)14 (B)							
2. Erodium botrys	1	N	FACU	Prevalence Index = B/A = 3.5							
3. Glebionis coronaria	1	N	UPL_								
4. Deinandra fasciculata	1	N	FACU	Hydrophytic Vegetation Indicators:							
5.				Dominance Test is >50%							
6. 7.				Prevalence Index is ≤3.0¹							
8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)							
o	4	= Total Cov		X Problematic Hydrophytic Vegetation ¹ (Explain)							
Woody Vine Stratum (Plot size:		rotal oo	701	- Tobiematic Hydrophytic Vegetation (Explain)							
1. none				¹ Indicators of hydric soil and wetland hydrology must							
2.				be present, unless disturbed or problematic.							
		= Total Cove	er	Hydrophytic							
				Vegetation							
	ver of Biotic	-		Present? Yes X No							
Remarks: Sample area is a vernal pool that receives ruvegetation cover insufficient (less than 5%) to be considuegetation, it does support one vernal pool plant indicate	dered hydrop	ohytic. While t	the sample a	rea does not support a predomince of hydrophytic							

Profile Desc Depth	ription: (Describe to Matrix	the depth nee	confirm t	onfirm the absence of indicators.)							
(inches)	Color (moist)		Color (moist)	edox Featu %	Type ¹	Loc ²	– Texture	Remarks			
(ITICITES)	Color (moist)		oloi (moist)		туре .	LOC					
							_				
							_				
								<u> </u>			
			_								
1Type: C=Co	 ncentration, D=Depletion	- PM=Reduced M	latrix CS=Covere	d or Coated	Sand Grains	- 2	2l ocation: PI =Pc	ore Lining, RC=Root Channel, M=Matrix.			
	Indicators: (Applica					5.		s for Problematic Hydric Soils ³ :			
-		able to all LNNs						•			
Histoso				Redox (S5)				Muck (A9) (LRR C)			
	pipedon (A2)			Matrix (Se	•			Muck (A10) (LRR B)			
	istic (A3)			Mucky Min	. ,			ced Vertic (F18)			
	en Sulfide (A4)			Gleyed Ma				Parent Material (TF2)			
	d Layers (A5) (LRR 0	;)		d Matrix (F	,		Other	(Explain in Remarks)			
	uck (A9) (LRR D)			Dark Surfac	` ,						
	d Below Dark Surfac	e (A11)		d Dark Sur	. ,						
	ark Surface (A12)			Depression	s (F8)			of hydrophytic vegetation and			
—	Mucky Mineral (S1)		Vernal F	Pools (F9)				d hydrology must be present,			
Sandy 0	Gleyed Matrix (S4)						unless	disturbed or problematic.			
Restrictive	Layer (if present):										
Type:	, , ,										
Depth (inc	hoe):						Hydric Soil Pi	resent? Yes No X			
				the hydrop	hytic vege	tation sta	ndard to be cor	nsidered a wetland. Therefore, no soil pit			
was dug and	I hydric soils are not o	considered to be	e present.								
HYDROLOG											
Wetland Hy	drology Indicators:						<u>Se</u>	condary Indicators (2 or more required)			
Primary Ind	cators (minimum of c	ne required; ch	eck all that appl	y)				_Water Marks (B1) (Riverine)			
Surface	Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)			
High W	ater Table (A2)		Biotic Cru					Drift Deposits (B3) (Riverine)			
Saturati	, ,			nvertebrate	es (B13)			Drift Deposits (B3) (Riverine) Drainage Patterns (B10)			
	//arks (B1) (Nonriver	ine)		n Sulfide O				Dry-Season Water Table (C2)			
		•				Linda a Da		- •			
	nt Deposits (B2) (No	•		Rhizosphe	_	-	oots (C3)	_Thin Muck Surface (C7)			
l —	posits (B3) (Nonrive	rine)		of Reduce	-			_Crayfish Burrows (C8)			
X Surface	Soil Cracks (B6)		Recent Ir	on Reduct	ion in Tille	d Soils (C		Saturation Visible on Aerial Imagery (C9)			
Inundat	ion Visible on Aerial I	magery (B7)	Thin Muc	k Surface	(C7)			_Shallow Aquitard (D3)			
Water-S	Stained Leaves (B9)		Other (Ex	oplain in Re	emarks)			FAC-Neutral Test (D5)			
Eigld Observe	vations:				-			_			
Field Obser			V Double (in a	l \							
Surface Wat		es No_									
Water Table		es No_									
							and Hydrology	y Present? Yes X No			
(includes cap											
Describe Rec	orded Data (stream g	jauge, monitorin	ng well, aerial ph	notos, prev	ious inspe	ctions), if	available: n/a				
								s indicate that the area ponds water and			
supports wetl	and hydrology. Wate	table level and	saturation are r	not known	as a soil pi	t was not	dug.				

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: March 29, 2019				
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 185				
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W				
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2				
Subregion (LRR): LRR-C	Lat: 3	 32.555797300	690	Long: -117.02590418900 Datum: NAD83				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None				
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)				
Are Vegetation X, Soil , or Hydrology			·	· 				
				(If needed, explain any answers in Remarks.)				
SUMMARY OF FINDINGS – Attach site map sh								
SUMMART OF FINDINGS - Attach site map si	lowing Sai	inpling poli	iit iocalions	s, transects, important leatures, etc.				
Hydrophytic Vegetation Present? Yes	No X	_	ne Sampled .	Arno				
Hydric Soil Present? Yes	_		nin a Wetlan	YAS NO X				
Wetland Hydrology Present? Yes X	No	_						
Remarks: The majority of the vegetation on the site ha	ıs been distı	urbed due to p	past land use	s. This feature was sampled during the growing season and				
does not meet the wetland criteria.								
VECETATION III a seisutifica access of alasta								
VEGETATION – Use scientific names of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:				
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species				
1. none				That Are OBL, FACW, or FAC:(A)				
2				Total Number of Dominant				
3				Species Across All Strata:(B)				
4				Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)				
		= Total Cove	er					
Sapling/Shrub Stratum (Plot size:)								
1. none				Prevalence Index worksheet: Total % Cover of: Multiply by:				
2				Total % Cover of:				
3. 4.				FACW species 0 x 2 = 0				
				FAC species 0 x 3 = 0				
0		= Total Cove		FACU species 2 x 4 = 8				
Herb Stratum (Plot size:)				UPL species 1 x 5 = 5				
1. Glebionis coronaria	1	N	UPL	Column Totals: 4 (A) 14 (B)				
2. Plagiobothrys acanthocarpus	1	N	OBL	Provolence Index = P/A = 2.5				
3. Deinandra fasciculata	1	N	FACU	Prevalence Index = B/A = 3.5				
4. Erodium botrys	1	N	FACU	Hydrophytic Vegetation Indicators:				
5				Dominance Test is >50%				
6				Prevalence Index is ≤3.0¹				
7				Morphological Adaptations¹ (Provide supporting				
8				data in Remarks or on a separate sheet)				
	4	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)				
Woody Vine Stratum (Plot size:)				4				
1. none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.				
2								
		= Total Cove	er	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum 96 % Co	ver of Biotic	Crust		Present? Yes No X				
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro	-watershed. Sampled during the growing season, but				
	lered hydrop	hytic While th	he sample ar	ea does not support a predomince of hydrophytic vegetation,				

Profile Desc Depth	ription: (Describe to Matrix	the depth nee	confirm t	onfirm the absence of indicators.)							
(inches)	Color (moist)		Color (moist)	edox Featu %	Type ¹	Loc ²	– Texture	Remarks			
(ITICITES)	Color (moist)		oloi (moist)		туре .	LOC					
							_				
							_				
								<u> </u>			
			_								
1Type: C=Co	 ncentration, D=Depletion	- PM=Reduced M	latrix CS=Covere	d or Coated	Sand Grains	- 2	2l ocation: PI =Pc	ore Lining, RC=Root Channel, M=Matrix.			
	Indicators: (Applica					5.		s for Problematic Hydric Soils ³ :			
-		able to all LNNs						•			
Histoso				Redox (S5)				Muck (A9) (LRR C)			
	pipedon (A2)			Matrix (Se	•			Muck (A10) (LRR B)			
	istic (A3)			Mucky Min	. ,			ced Vertic (F18)			
	en Sulfide (A4)			Gleyed Ma				Parent Material (TF2)			
	d Layers (A5) (LRR 0	;)		d Matrix (F	,		Other	(Explain in Remarks)			
	uck (A9) (LRR D)			Dark Surfac	` ,						
	d Below Dark Surfac	e (A11)		d Dark Sur	. ,						
	ark Surface (A12)			Depression	s (F8)			of hydrophytic vegetation and			
—	Mucky Mineral (S1)		Vernal F	Pools (F9)				d hydrology must be present,			
Sandy 0	Gleyed Matrix (S4)						unless	disturbed or problematic.			
Restrictive	Layer (if present):										
Type:	, , ,										
Depth (inc	hoe):						Hydric Soil Pi	resent? Yes No X			
				the hydrop	hytic vege	tation sta	ndard to be cor	nsidered a wetland. Therefore, no soil pit			
was dug and	I hydric soils are not o	considered to be	e present.								
HYDROLOG											
Wetland Hy	drology Indicators:						<u>Se</u>	condary Indicators (2 or more required)			
Primary Ind	cators (minimum of c	ne required; ch	eck all that appl	y)				_Water Marks (B1) (Riverine)			
Surface	Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)			
High W	ater Table (A2)		Biotic Cru					Drift Deposits (B3) (Riverine)			
Saturati	, ,			nvertebrate	es (B13)			Drift Deposits (B3) (Riverine) Drainage Patterns (B10)			
	//arks (B1) (Nonriver	ine)		n Sulfide O				Dry-Season Water Table (C2)			
		•				Linda a Da		- •			
	nt Deposits (B2) (No	•		Rhizosphe	_	-	oots (C3)	_Thin Muck Surface (C7)			
l —	posits (B3) (Nonrive	rine)		of Reduce	-			_Crayfish Burrows (C8)			
X Surface	Soil Cracks (B6)		Recent Ir	on Reduct	ion in Tille	d Soils (C		Saturation Visible on Aerial Imagery (C9)			
Inundat	ion Visible on Aerial I	magery (B7)	Thin Muc	k Surface	(C7)			_Shallow Aquitard (D3)			
Water-S	Stained Leaves (B9)		Other (Ex	oplain in Re	emarks)			FAC-Neutral Test (D5)			
Eigld Observe	vations:				-			_			
Field Obser			V Double (in a	l \							
Surface Wat		es No_									
Water Table		es No_									
							and Hydrology	y Present? Yes X No			
(includes cap											
Describe Rec	orded Data (stream g	jauge, monitorin	ng well, aerial ph	notos, prev	ious inspe	ctions), if	available: n/a				
								s indicate that the area ponds water and			
supports wetl	and hydrology. Wate	table level and	saturation are r	not known	as a soil pi	t was not	dug.				

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: March 29, 2019				
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 186				
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W				
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	cave, convex, none): concave Slope (%): 0-2				
Subregion (LRR): LRR-C	Lat: 3	 32.556101730	070	Long: -117.02636476900 Datum: NAD83				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None				
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)				
Are Vegetation X, Soil , or Hydrology								
				(If needed, explain any answers in Remarks.)				
SUMMARY OF FINDINGS – Attach site map sl								
Hydrophytic Vegetation Present? Yes	No X							
Hydric Soil Present? Yes	No X	ıs u	ne Sampled . nin a Wetlan	YAS NO X				
Wetland Hydrology Present? Yes X	No	_ """	iii a vvotiaii	u.				
does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and				
	Absolute	Dominant	Indicator	Dominance Test worksheet:				
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species				
1. none				That Are OBL, FACW, or FAC: 2 (A)				
2. 3.				Total Number of Dominant Species Across All Strata: 5 (B)				
				Percent of Dominant Species (B)				
*		= Total Cove		That Are OBL, FACW, or FAC: 40 (A/B)				
Sapling/Shrub Stratum (Plot size:)		- Total Cove	J1					
1. none				Prevalence Index worksheet:				
2.				Total % Cover of: Multiply by:				
3.				OBL species1 x 1 =1				
4.				FACW species0 x 2 =0				
5		-		FAC species1 x 3 =3				
		= Total Cove	er	FACU species 2 x 4 = 8				
Herb Stratum (Plot size:)				UPL species 2 x 5 = 10				
1. Lepidium nitidum		Y	FAC	Column Totals:6 (A)22 (B)				
2. Erodium botrys	1	Y	FACU_	Prevalence Index = B/A = 3.7				
3. Glebionis coronaria		Y	UPL OPL	Hadronbada Vandadan Indiadan				
Plagiobothrys acanthocarpus Mesembryanthemum nodiflorum	1	Y	OBL FACU	Hydrophytic Vegetation Indicators:				
			- FACO	Dominance Test is >50% Prevalence Index is ≤3.0¹				
				Morphological Adaptations ¹ (Provide supporting				
8.				data in Remarks or on a separate sheet)				
	6	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)				
Woody Vine Stratum (Plot size:)				Trobiniano riyaropriyno vegetanom (Explain)				
1. none				¹ Indicators of hydric soil and wetland hydrology must				
2.				be present, unless disturbed or problematic.				
		= Total Cove	er	Hydrophytic Vegetation				
	ver of Biotic			Present? Yes No X				
Remarks: Sample area is a vernal pool that receives rupredomince of hydrophytic vegetation, it does support of								

Profile Desc Depth	cription: (Describ Matri		needed to docum	ent the inded		confirm t	the absence	of indicators.)			
(inches)	Color (moist)	<u>^</u>	Color (moist)	%	Type ¹	Loc ²	– Texture	<u> </u>	Remarks		
(1101100)			Ocioi (moist)		Турс		_ TOXIGIO	<u> </u>	romano		
							_				
	-										
							-				
							_				
¹ Type: C=Co	ncentration, D=Deple	etion, RM=Reduce	d Matrix, CS=Covere	d or Coated	Sand Grain	s. ²	² Location: PL=P	Pore Lining, RC=Ro	oot Channel, M=Matrix.		
Hydric Soil	I Indicators: (App	licable to all LF	RRs, unless other	wise note	d.)		Indicator	rs for Problema	tic Hydric Soils³:		
Histoso	I (A1)		Sandy F	Redox (S5))		1 cm	Muck (A9) (LRF	RC)		
	pipedon (A2)			d Matrix (Se				Muck (A10) (LF	-		
	listic (A3)			Mucky Min	,			iced Vertic (F18	-		
	en Sulfide (A4)			Gleyed Ma	. ,			Parent Material			
	d Layers (A5) (LR	B C\		d Matrix (F				r (Explain in Rer	` '		
	• () (K C)		,	,		01116	i (Explaiii iii Rei	narks)		
	uck (A9) (LRR D)	F (A 4 4)		Dark Surfac	` '						
	ed Below Dark Sur	, ,		d Dark Sur			21 11 1				
	ark Surface (A12)			Depression	ıs (F8)			s of hydrophytic	-		
	Mucky Mineral (S1	,	Vernal F	Pools (F9)				nd hydrology mu			
Sandy (Gleyed Matrix (S4))					unles	s disturbed or pr	oblematic.		
Restrictive	Layer (if present)):									
Type:	., ,										
ı ·· —	.la = a\.						Lludaia Cail F	7	No. V		
Depth (inc	enes):		_				Hydric Soil F	Present? Y	es No_X		
Remarks: T	he sampled area	supports a predo	ominance of upland	d vegetatio	n and doe	s not mee	t the hydroph	ytic vegetation s	tandard to be considered a		
wetland. The	erefore, no soil pit	was dug and hy	dric soils are not c	onsidered t	to be prese	ent.					
HYDROLO	GY										
Wetland Hy	ydrology Indicato	ors:					S	econdary Indic	ators (2 or more required)		
1			check all that appl	v)					(B1) (Riverine)		
	,	or one required,		,,					, , ,		
	e Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)			
High W	ater Table (A2)		Biotic Cr					Drift Deposits (B3) (Riverine)			
Saturat	ion (A3)		Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)			
Water N	Marks (B1) (Nonri	verine)	Hydrogei	n Sulfide O	dor (C1)			Dry-Season Water Table (C2)			
	ent Deposits (B2) (*		Rhizosphe		Living Ro	oots (C3)	Thin Muck Su			
	eposits (B3) (Nonr i	-		of Reduc	_	_		Crayfish Burro			
		iverine)			-	-		_	` '		
	e Soil Cracks (B6)			on Reduct		d Solls (C		_	ible on Aerial Imagery (C9)		
Inundat	tion Visible on Aeri	ial Imagery (B7)		k Surface				Shallow Aquit	ard (D3)		
Water-9	Stained Leaves (B	9)	Other (Ex	kplain in Re	emarks)			FAC-Neutral ⁻	Гest (D5)		
Field Obser	n rationa.										
Field Obser		.,									
Surface Wat	ter Present?		No X Depth (inc								
Water Table	Present?	Yes N	No Depth (inc	hes):							
Saturation P	resent?		No Depth (inc				and Hydrolog	gy Present?	Yes X No		
(includes ca	pillary fringe)		· ,								
Describe Rec	corded Data (strea	m gauge, monito	oring well, aerial pl	notos, prev	ious inspe	ctions), if	available: n/a	<u></u>			
	,	5 5 /	, P	,, ,	, -	,,					
Remarks: Alf	though no surface	water was prese	ent at the time of the	ne delineat	ion, evider	nce of surf	face soil crack	s indicate that the	ne area ponds water and		
	•	•	ınd saturation are ı		-				porteo trator una		
'	, 29				P		3				

Project/Site: Southwest Village Specific Plan F	Project		City/0	County	y: San Dieg	0	Sampling Dat	te: 4/11/20	19
Applicant/Owner: Tri Point Homes			<u>_</u>			State: CA	— Sampling Poi	nt: 190	
Investigator(s): Beth Procsal, JR Sundberg			Sec	tion, T	ownship, R	ange: Section 31, T18S	R01W		
Landform (hillslope, terrace, etc.): mesa top						convex, none): concave		lope (%): 0	-2
Subregion (LRR): C - Mediterranean California		Lat:						tum: NAD83	
Soil Map Unit Name: Huerhuero loam, 2 to 9						NWI classificati		<u></u>	
Are climatic / hydrologic conditions on the site to						-			
Are Vegetation X, Soil , or Hydro				_				1 Y 20	No
Are Vegetation, Soil, or Hydr	_					(If needed, explain any an			•
						, ,		,	
SUMMARY OF FINDINGS – Attach site	map s	howing sa	mpling	point	locations	s, transects, importar	it features, et	ic.	
Hydrophytic Vegetation Present? Yes	Х	_No							
Hydric Soil Present? Yes		No	_		Sampled .	VΔC	X No		
Wetland Hydrology Present? Yes		 No	_	withii	n a Wetlan	d? —			
Remarks: The majority of the vegetation on the	ne site h	as been dist	urbed du	e to pa	ast land use	s This feature was samp	led during the c	ırowing sea	son and
meets the wetland criteria.	ic site ii	as been dist	arbea aa	c to pe	ast larid dsc	3. This icatare was samp	ica dailing the g	jiowing sca	3011 and
VEGETATION – Use scientific names of	f plant								
Tree Stratum (Plot size:	١	Absolute % Cover	Domina		Indicator Status	Dominance Test work			
1. none	_ /	70 COVEI	Specie	<u> </u>	Status	Number of Dominant S That Are OBL, FACW,		7	(A)
2						Total Number of Domir			_(^)
3.						Species Across All Stra		8	(B)
4.			-			Percent of Dominant S			
		·	= Total	Cover		That Are OBL, FACW,	or FAC:	88	_(A/B)
Sapling/Shrub Stratum (Plot size:)								
1. none						Prevalence Index wor	ksheet:		
2.						Total % Cover of:	Mu	ıltiply by:	_
3.						OBL species	x 1 = _		_
4.						FACW species			
5						FAC species	x 3 = _		_
			= Total	Cover		FACU species			
Herb Stratum (Plot size:	_)					UPL species	x 5 = _		-
Psilocarphus brevissimus		3	Y		FACW	Column Totals:	(A) _		_(B)
2. Plagiobothrys acanthocarpus		1	Y		OBL	Prevalence Inde	ex = B/A =		_
3. Crassula aquatica		1	Y		OBL				
4. Plantago elongata		1	Y		FACW	Hydrophytic Vegetation			
5. Spergularia bocconi			Y		FACW	_X_ Dominance Test			
6. Lythrum hyssopifolia		1	Y		OBL	Prevalence Index			
7. Hordeum murinum			Y		FACU	Morphological Adda in Roma	daptations¹ (Pro rks or on a sepa		
8. Hordeum depressum		1	Y		FACW		•	,	,
Woody Vine Stratum (Plot size:	,	10	= Total	Cove	er	Problematic Hyd	rophytic Vegeta	ition' (Expla	ain)
\ \)					1 Indicators of budgie of	ail and watland	budralagu r	mu at
1. <u>none</u> 2.						¹ Indicators of hydric so be present, unless dis			nust
Z		·	= Total	Cayar			•		_
			- Total	Cover		Hydrophytic Vegetation			
% Bare Ground in Herb Stratum 90	% Co	over of Biotic	Crust	(0		'es X	No	
Remarks: Sample area is a vernal pool that re	ceives r	unoff from a	relatively	/ small	local micro	u-watershed. In addition to	the vernal pool	consistina	_
predominately of hydrophytic vegetation, it doe									ocarpus,
Crassula aquatic, and Plantago elongata).									

Depth	scription: (Describe t Matrix			edox Featu			_		•
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu	re	Remarks
0-3	10YR 4/2	100					clay loam	1	no redox observed
3-18	10YR 4/3	100		_			sandy cla	ay	no redox
	-	· —— —							
	-								
1Type: C=Co	oncentration, D=Depletion	n PM=Reduced	Matrix CS=Covers	ed or Coated	Sand Grains	2	² Location: PL:	-Pore I	.ining, RC=Root Channel, M=Matrix.
	il Indicators: (Applic					5.			r Problematic Hydric Soils ³ :
Histoso Histic E Black H Hydrog	ol (A1) Epipedon (A2) Histic (A3) gen Sulfide (A4) ed Layers (A5) (LRR (Sandy Strippe Loamy Loamy Deplete	Redox (S5) d Matrix (S Mucky Min Gleyed Ma ed Matrix (F	6) eral (F1) trix (F2)		1 c 2 c Re-	m Mud m Mud duced d Pare	ck (A9) (LRR C) ck (A10) (LRR B) Vertic (F18) ant Material (TF2) cplain in Remarks)
Deplete Thick I Sandy Sandy	Muck (A9) (LRR D) ted Below Dark Surfac Dark Surface (A12) Mucky Mineral (S1) Gleyed Matrix (S4)	e (A11)	Deplete Redox	Dark Surfared Dark Sur Depression Pools (F9)	face (F7)		wetl	land h	hydrophytic vegetation and ydrology must be present, turbed or problematic.
Restrictive	Layer (if present):								
Type:			_						
	or other factors, which					ck hydric	soil indicato	rs due	to limited saturation depth, saline
	lydrology Indicators	•						Secor	ndary Indicators (2 or more required
	dicators (minimum of		heck all that ann	alv)					ater Marks (B1) (Riverine)
	ce Water (A1)	one required, c	Salt Cru						ediment Deposits (B2) (Riverine)
_	Vater Table (A2)			rust (B12)					ift Deposits (B3) (Riverine)
<u> </u>	` '		X Aquatic		oc (B13)		-		rainage Patterns (B10)
	ation (A3)	rima)					-		• ,
	Marks (B1) (Nonrive	-		en Sulfide C d Rhizosphe		Living Do	oto (C2)		y-Season Water Table (C2) nin Muck Surface (C7)
	nent Deposits (B2) (No	-		•	-	-	oois (C3)		` ,
	eposits (B3) (Nonrive ce Soil Cracks (B6)	erine)		e of Reduc	-	-	·6\		rayfish Burrows (C8)
	` '	Imagany (P7)		Iron Reduct		J Solis (C	.0)		aturation Visible on Aerial Imagery (CS
	ation Visible on Aerial -Stained Leaves (B9)	imagery (b7)		ck Surface Explain in R	` ,		-		nallow Aquitard (D3) AC-Neutral Test (D5)
				- 1			•		
Field Obse		/ N-	V Danath (in	-h \.					
			X Depth (in			-			
Water Table Saturation I			Depth (ind X Depth (ind			— Wetl	and Hydrol	oav D	resent? Yes X No
	apillary fringe)	140	_X_bepair (iii			_	ana myaron	ogyii	163 <u>X</u> 10
	ecorded Data (stream	gauge, monitor	ing well, aerial p	hotos, prev	ious inspe	ctions), if	available:		
			it at the time of t	the delineat	ion, eviden	ice of sur	face soil cra	cks ar	nd dried aquatic invertebrates indicate
nai ine area	a supports wetland hyd	arology.							

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	o Sampling Date: 4/11/2019						
Applicant/Owner: Tri Point Homes	Applicant/Owner: Tri Point Homes State: CA Sampling Point: 191									
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W						
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave Slope (%): 0-2						
Subregion (LRR): C - Mediterranean California	Lat: 3	32.55441		Long: -117.02272 Datum: NAD83						
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: None						
Are climatic / hydrologic conditions on the site typical for	this time of	f year? Yes	X No	(If no, explain in Remarks.)						
Are Vegetation X, Soil , or Hydrology	signifi	icantly disturb	ped?	Are "Normal Circumstances" present? Yes X No						
Are Vegetation, Soil, or Hydrology				(If needed, explain any answers in Remarks.)						
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important features, etc.						
Hydrophytic Vegetation Present? Yes X	No	_ le ti	he Sampled	Area						
Hydric Soil Present? Yes X	_No		hin a Wetlan	YAS X NO						
Wetland Hydrology Present? Yes X	_No	_								
meets the wetland criteria. VEGETATION – Use scientific names of plants		anoca due to	puot la na uoc	es.This feature was sampled during the growing season and						
T 01 1 (D) 1	Absolute	Dominant	Indicator	Dominance Test worksheet:						
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)						
2				Total Number of Dominant Species Across All Strata:						
				Percent of Dominant Species (B)						
4.		= Total Cove		That Are OBL, FACW, or FAC: 50% (A/B)						
Sapling/Shrub Stratum (Plot size:)		Total Cov	5 1							
1. none				Prevalence Index worksheet:						
2.				Total % Cover of: Multiply by:						
3.				OBL species1 x 1 =1						
4.				FACW species1 x 2 =2						
5				FAC species 0 x 3 = 0						
		= Total Cove	er	FACU species 3 x 4 = 12						
Herb Stratum (Plot size:)				UPL species 0 x 5 = 0						
1. Plagiobothrys acanthocarpus	1	Y	OBL	Column Totals: 5 (A) 15 (B)						
2. Hordeum murinum		Y	FACU	Prevalence Index = B/A = 3.0						
3. Spergularia bocconi		Y	FACW	Hada ab da Vandati a la lla dana						
4. Mesembryanthemum nodiflorum 5.		Y	FACU_	Hydrophytic Vegetation Indicators:						
6				Dominance Test is >50% X Prevalence Index is ≤3.0¹						
_				Morphological Adaptations¹ (Provide supporting						
8.				data in Remarks or on a separate sheet)						
		= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)						
Woody Vine Stratum (Plot size:				Troblemate Hydrophytic Vegetation (Explain)						
1. none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.						
2										
% Bare Ground in Herb Stratum % Co	ver of Biotic	= Total Cov	er	Hydrophytic Vegetation Present? Yes X No						
	ACI OI DIOIIC	, Olust		Present? Yes X No No						
Remarks:										

	Color (moist)	%	Color (moist)	edox Featur	Type ¹	Loc ²	Texture	Remarks	
	10YR 4/2		YR 5/4	2	C		Sandy Clay	·	
	10YR 4/2.5	100					Clay		
· · · · · · · · · · · · · · · · · · ·	1011(4/2.5						<u> —</u>		
				 -					
Type: C=Cond	 centration, D=Depletior	n, RM=Reduced	Matrix, CS=Covere	ed or Coated S	Sand Grains.	² Loc	ation: PL=Pore Linin	g, RC=Root Channel, M=M	atrix.
lydric Soil I	Indicators: (Applica	able to all LRF	Rs, unless othe	rwise noted	l.)		Indicators for Pr	roblematic Hydric Soil	s³:
Histosol ((A1)			Redox (S5)			1 cm Muck (A	A9) (LRR C)	
_	ipedon (A2)			d Matrix (S6	•			410) (LRR B)	
Black His	` '			Mucky Mine	. ,		Reduced Ver	, ,	
	n Sulfide (A4)	2,		Gleyed Mati				Material (TF2)	
	l Layers (A5) (LRR 0 ck (A9) (LRR D)	(م		ed Matrix (F3 Dark Surfac	-		Other (Explai	in in Remarks)	
	t (A9) (LRK D) Below Dark Surface	o (Δ11)		ed Dark Surface	` '				
	irk Surface (A12)	e (ATT)		Depressions			³ Indicators of hyd	Irophytic vegetation and	
	lucky Mineral (S1)			Pools (F9)	, (1 0)		-	ology must be present,	
_ ′	leyed Matrix (S4)			(- /			•	ped or problematic.	
estrictive L	.ayer (if present):								
Type:	ayor (ii procent).								
Depth (inch	nes).		_			Н	/dric Soil Present?	? Yes X N	0
	epleted matrix observ		_			,			
YDROLOG'	Υ								
-	drology Indicators:						·	ry Indicators (2 or mor	e require
Primary Indic	cators (minimum of c	one required; c	heck all that app	oly)			Water	r Marks (B1) (Riverine)	
	Water (A1)		Salt Cru	, ,				nent Deposits (B2) (Rive	-
	iter Table (A2)		X Biotic Cr	, ,				Deposits (B3) (Riverine)	
Saturatio	on (A3)		Aquatic	Invertebrates	s (B13)		Draina	age Patterns (B10)	
Water M	arks (B1) (Nonriver	ine)		en Sulfide Od				eason Water Table (C2)
	nt Deposits (B2) (No	-		d Rhizosphei	_	ving Roots	· · · —	Muck Surface (C7)	
Drift Dep	oosits (B3) (Nonrive	rine)		e of Reduce	` '			ish Burrows (C8)	
	Soil Cracks (B6)			Iron Reduction		Soils (C6)		ation Visible on Aerial In	nagery (C
	on Visible on Aerial I	magery (B7)		ck Surface (,			ow Aquitard (D3)	
Inundatio	tained Leaves (B9)		Other (E	xplain in Re	marks)		FAC-I	Neutral Test (D5)	
Inundatio									
Inundation Water-St	ations:		 X Depth (inc 			-			
Inundatio	er Present? Y								
Inundation Water-St Field Observ Surface Wate	er Present? Y Present? Y	es No	X Depth (in			-			
Inundation Water-St Field Observ Surface Wate Water Table F Saturation Pre	er Present? Y Present? Y esent? Y	es No	Depth (inc			Wetland	Hydrology Prese	ent? Yes X N	o
Inundation Water-St Field Observ Surface Wate Water Table F Saturation Presidents	er Present? Y Present? Y esent? Y illary fringe)	res No	X Depth (in	ches):		-		ent? Yes X N	0
Inundation Water-St Field Observ Surface Wate Water Table F Saturation Presidents	er Present? Y Present? Y esent? Y	res No	X Depth (in	ches):		-		ent? Yes X N	o
Inundation Water-St Field Observ Surface Wate Water Table F Saturation Pre includes capi escribe Reco	er Present? Y Present? Y esent? Y illary fringe) orded Data (stream g	es No	Depth (included)	ches):	ous inspecti	ons), if ava	ilable:		
Inundation Water-St Field Observ Surface Water Vater Table Foaturation Presincludes capilescribe Recommendation Emarks: Alth	er Present? Y Present? Y esent? Y illary fringe) orded Data (stream g	es No No No gauge, monitor Iter was preser	DEPTH (included) DEPTH (included) DEPTH (included) DEPTH (included)	ches): hotos, previous	ous inspecti	ons), if ava	ilable:	ent? Yes X N	

Project/Site: Otay Southwest Specific Plan		City/Coun	ity: San Diego	o, CA	Sampling Date: April 2	23, 2019
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 192	
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	ange: Section 31, T18S R	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave	Slope (%):	0-2
Subregion (LRR): LRR-C	Lat: 3	32.553696		Long: -117.024820	Datum: NAD	83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification	n: None	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology						No
Are Vegetation Soil or Hydrology						
SUMMARY OF FINDINGS – Attach site map sh						
Hydrophytic Vegetation Present? Yes	No X					
Hydric Soil Present? Yes	No X	is u	ne Sampled <i>i</i> nin a Wetland	YAC	No X	
Wetland Hydrology Present? Yes X		witi	iii a vveuaii			
Remarks: The majority of the vegetation on the site had does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to p	past land use	s. This feature was sample	ed during the growing se	eason and
VEGETATION – Ose scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test works	heet:	
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Sp		
1. <u>none</u>				That Are OBL, FACW, or		(A)
2. 3.				Total Number of Domina Species Across All Strata		(B)
				Percent of Dominant Spe	ecies	
T		= Total Cove	er	That Are OBL, FACW, or	r FAC:	(A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index work	sheet:	
2.				Total % Cover of:	Multiply by:	
3				OBL species	x 1 =	_
4				FACW species	x 2 =	_
5				FAC species		
		= Total Cove	er	FACU species	· · · · · · · · · · · · · · · · · · ·	1
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Plagiobothrys acanthocarpus	<u><1</u>	N	OBL	Column Totals:	(A)	(B)
Deinandra fasciculata	<1	N	FACU_	Prevalence Index	x = B/A =	_
4.				Hydrophytic Vegetation	n Indicators:	
5.				Dominance Test is	s >50%	
6				Prevalence Index	is ≤3.0 ¹	
7					aptations¹ (Provide supp	
8				data in Remark	ks or on a separate shee	∍t)
	1	= Total Cov	er er	Problematic Hydro	ophytic Vegetation¹ (Exp	olain)
Woody Vine Stratum (Plot size:)						
1. <u>none</u>					l and wetland hydrology	must
2		'		be present, unless distu	Tribed or problematic.	
		= Total Cove	er	Hydrophytic Vegetation		
	ver of Biotic			Present? Ye		<u></u>
Remarks: Sample area is a vernal pool that receives ruvegetation cover insufficient (less than 5%) to be considered acanthocarpus). Leaf litter is present in basin.						out

Profile Desc Depth	cription: (Describe Matrix	to the depth n		ent the in edox Featı		confirm	the absence	of indicato	ors.)	
(inches)	Color (moist)	<u></u> %	Color (moist)	%	Type ¹	Loc ²	— Texture	9	Remarl	(S
(11101100)			Color (molot)		1,700				rtorriari	
					· ——					
					· ———					
					· ——					
¹ Type: C=Co	ncentration, D=Depletion	on, RM=Reduced	Matrix, CS=Covere	ed or Coated	Sand Grain	ns.	² Location: PL=F	Pore Lining, R	RC=Root Channel,	M=Matrix.
Hydric Soi	Indicators: (Appli	cable to all LR	Rs, unless other	rwise note	ed.)		Indicator	rs for Prob	lematic Hydric	Soils³:
Histoso	l (A1)		Sandy I	Redox (S5)		1 cm	Muck (A9)	(LRR C)	
	pipedon (A2)			d Matrix (S				Muck (A10		
	listic (A3)			Mucky Mir	,			uced Vertic		
	en Sulfide (A4)			Gleyed Ma				Parent Mat		
	d Layers (A5) (LRR	C)		ed Matrix (F				r (Explain ir	` '	
	uck (A9) (LRR D)	-,		Dark Surfa	,			(, , , , , , , , , , , , , , , , , , , ,	
	ed Below Dark Surfa	ce (A11)		ed Dark Su	. ,					
	ark Surface (A12)	,		Depression	` '		³ Indicato	rs of hydron	hytic vegetation	and
	Mucky Mineral (S1)			Pools (F9)	(- /				gy must be prese	
	Gleyed Matrix (S4)			()					or problematic.	,
_	Layer (if present):									
Type:			_							
Depth (inc	ches):		_				Hydric Soil I	Present?	Yes	No <u>X</u>
Remarks: T	he sampled area is	unvegetated ar	nd does not meet	the hydror	hytic vege	etation sta	andard to be c	onsidered a	wetland. There	ore, no soil pit
was dug and	d hydric soils are not	considered to	be present.							
	0)/									
HYDROLO										
	ydrology Indicators						<u>s</u>			more required)
	icators (minimum of	one required; of							arks (B1) (River	•
Surface	e Water (A1)		Salt Crus	st (B11)			_	Sedimen	t Deposits (B2) (Riverine)
High W	ater Table (A2)		X Biotic Cr	ust (B12)				Drift Dep	osits (B3) (Rive i	rine)
Saturat	ion (A3)		Aquatic l	Invertebrat	es (B13)			Drainage	Patterns (B10)	
Water I	Marks (B1) (Nonrive	erine)	Hydroge	n Sulfide C	Odor (C1)			Dry-Seas	son Water Table	(C2)
—— Sedime	ent Deposits (B2) (N	onriverine)	Oxidized	l Rhizosph	eres along	Livina R	Roots (C3)	Thin Muc	ck Surface (C7)	. ,
	eposits (B3) (Nonriv			e of Reduc	_		()		Burrows (C8)	
_	e Soil Cracks (B6)	J.1110)		ron Reduc	-		C6)	_	n Visible on Aer	ial Imagany (CO)
	` '	. I				u Solis (t	_			lai iiilagery (C9)
	tion Visible on Aeria	0, 1, 7		ck Surface			_		Aquitard (D3)	
Water-	Stained Leaves (B9)		Other (E	xplain in R	emarks)		_	FAC-Net	utral Test (D5)	
Field Obser	vations:									
Surface Wat	ter Present?	Yes No	o X Depth (inc	ches):						
Water Table			o Depth (inc							
Saturation P			o Depth (inc			— Wet	tland Hydrolog	av Present	? Yes X	No
	pillary fringe)					— ·····		g,		
_,	corded Data (stream	gauge, monito	ring well, aerial p	hotos, prev	ious inspe	ections), i	if available: n/a	a		
	,	3 3 ,	3 , 1	, ,		,,				
Remarks: Al	though no surface w	ater was prese	nt at the time of t	he delinea	tion, evide	nce of su	ırface soil cracl	ks and bioti	c crusts indicate	that the area
ponds water	and supports wetlan	d hydrology. W	ater table level a	nd saturati	on are not	known a	is a soil pit was	not dug.		

Project/Site: Southwest Village Specific Plan		City/Cour	nty: <u>San Dieg</u>	o, CA	Sampling Date: April 23, 2019
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 193
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	Range: Section 31, T18S F	R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C		Long: -117.022964	Datum: NAD83		
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent				NWI classification	on: None
Are climatic / hydrologic conditions on the site typical for	or this time of	year? Yes	X No	o (If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology					
Are Vegetation Soil X, or Hydrology					
SUMMARY OF FINDINGS – Attach site map s	nowing sa	mpling pol	nt location	s, transects, importan	t teatures, etc.
Hydrophytic Vegetation Present? Yes X	_No			_	
Hydric Soil Present? Yes X	No		he Sampled nin a Wetlan	YAC X	X No
Wetland Hydrology Present? Yes X	No	\	iiii a vvetiaii	u:	
Remarks: The majority of the vegetation on the site h	as been dist	urbed due to	past land use	es. This feature was sample	ed during the growing season and
meets the wetland criteria.			puot .uu uo	or reacting reactings.	or calling the growing codesin and
VEGETATION – Use scientific names of plant					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works	
1. none	70 COVEI	<u>opecies:</u>	Status	Number of Dominant Sp That Are OBL, FACW, of	
2.				Total Number of Domina	
3.				Species Across All Strat	
1				Percent of Dominant Sp	pecies
4		= Total Cove	er	That Are OBL, FACW, o	or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index work	sheet:
2.				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4.				FACW species	x 2 =
5				FAC species	
		= Total Cove	er	FACU species	x 4 =
Herb Stratum (Plot size:)				UPL species	x 5 =
Psilocarphus brevissimus	10	Y	FACW	Column Totals:	(A)(B)
2. Lepidium nitidum	1	N	FAC	Prevalence Inde	x = B/A =
3. Plantago elongata	1	N	FACW_		
4. Plagiobothrys acanthocarpus	15	Y	OBL	Hydrophytic Vegetatio	n Indicators:
5. Crassula aquatica	1	N	OBL	X Dominance Test i	
6. Spergularia bocconi	2	N	FACW_	Prevalence Index	is ≤3.0¹
7.					aptations¹ (Provide supporting
8					ks or on a separate sheet)
Manda Vine Otratana (District	30	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				1	
1. none				be present, unless dist	il and wetland hydrology must
2				' '	arboa or problemane.
		= Total Cove	er	Hydrophytic Vegetation	
% Bare Ground in Herb Stratum 70 % Co	over of Biotic	Crust		Present?	es X No
Remarks: Sample area is a vernal pool that receives r			all local micro	 -watershed In addition to t	
predominately of hydrophytic vegetation, it does suppo	rt four vernal	pool plant in	dicator specie		
Plagiobothrys acanthocarpus, and Crassula aquatica).	Leaf litter is	present in ba	sin.		-

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix	•	Re	edox Featu	ıres				•	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu	re	Rem	arks
				-			_			
				-						
							_			
				-			_			
							_			
							_			
							-			
1							· · · · · · ·		20. D. 101	
	centration, D=Depletion,					S.			RC=Root Chann	
	Indicators: (Applica	DIE LO AII LE							olematic Hydr	ic solls".
Histosol	` '			Redox (S5)				m Muck (A9)		
	pipedon (A2)			l Matrix (S	,			m Muck (A1		
Black Hi				Mucky Min				duced Vertic		
_ · ·	en Sulfide (A4)			Gleyed Ma				d Parent Ma		
	Layers (A5) (LRR C)		d Matrix (F	,		<u>X</u> Oth	ıer (Explain i	n Remarks)	
	ick (A9) (LRR D)	(0.44)		Dark Surfa	` ,					
	d Below Dark Surface	(A11)		d Dark Su			31			
	ark Surface (A12)			Depressior Pools (F9)	is (Fo)			-	phytic vegetati	
	Mucky Mineral (S1)		vernai F	200IS (F9)				-	gy must be pre	
Sandy G	Gleyed Matrix (S4)						urile	ess disturbed	l or problemati	C.
Restrictive I	ayer (if present):									
Type:			_							
Depth (incl	nes):		_				Hydric Soil	Present?	Yes X	No
Remarks: No	o soil pit was dug. Pei	the 1087 d	elineation manual	hydric soil	ls can he a	issumed w	when a wetla	and is domin	ated by ORL a	and FACW species
only.	o con pit was dag. I of	410 1007 G	omroadon manaai,	119 4110 0011	io can bo a	ioouiiiou vi	mon a mone	and to domin	alou by oblic	and 17 to 17 openion
,										
HYDROLOG	ξY									
Wetland Hy	drology Indicators:							Secondary	Indicators (2	or more required)
_	cators (minimum of o	ne required;	check all that appl	v)			•		larks (B1) (Riv	
Surface	Water (A1)		Salt Crus	t (B11)					nt Deposits (B2	•
	ater Table (A2)		Biotic Cru	-			_		posits (B3) (Ri	
Saturati				nvertebrat	oo (P12)		-		e Patterns (B1	•
	` '	>			` '		-		,	•
	Marks (B1) (Nonriveri	-		n Sulfide C					son Water Tal	` '
_	nt Deposits (B2) (Non	-			eres along	-	ots (C3) _		ck Surface (C	
	posits (B3) (Nonriver	ine)			ed Iron (C	-	_		Burrows (C8)	
X Surface	Soil Cracks (B6)		Recent Ir	on Reduct	tion in Tille	d Soils (C	6) _	Saturation	on Visible on A	verial Imagery (C9)
Inundati	on Visible on Aerial Ir	nagery (B7)	Thin Muc	k Surface	(C7)		_	Shallow	Aquitard (D3)	
Water-S	stained Leaves (B9)		Other (Ex	kplain in R	emarks)		_	FAC-Ne	utral Test (D5))
Field Observ	vations:									
Surface Water		es N	lo X Depth (inc	hes).						
Water Table			No Depth (inc	· ·		-				
						_	and Usednale	anii Draaan	12 Vaa	V No
Saturation Proceeds (includes cap		es N	lo Depth (inc	nes):		vvetia	and Hydrolo	ogy Presen	r res	XNo
	orded Data (stream g	auge monit	oring well aerial oh	notos nrev	inus inene	octions) if	availahle: n	ı/a		
Describe reco	orded Data (Stream g	auge, monit	oring well, aeriai pi	iotos, piev	nous mape	.c.iori <i>3)</i> , ii i	avallabic. 11	ıγα		
Remarks: Alti	hough no surface wat	er was prese	ent at the time of th	ne delineat	tion, evider	nce of surf	face soil cra	cks indicate	that the area r	oonds water and
	and hydrology. Water	•							2	
	·				·		-			

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: April 23, 2019
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 194
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C		Long: -117.022936 Datum: NAD83		
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology			·	
				(If needed, explain any answers in Remarks.)
				
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poli	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X	_ 1-41	0	A
Hydric Soil Present? Yes	No X	is u	ne Sampled nin a Wetlan	YAS NO X
Wetland Hydrology Present? Yes X	No	_ """	iii a rrottaii	~·
Remarks: The majority of the vegetation on the site ha	s been disti	urbed due to	past land use	es. This feature was sampled during the growing season and
does not meet the wetland criteria.		·	•	. 5 5
VEGETATION – Use scientific names of plants		Daminant	lu di a atau	Dominance Test worksheet:
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	
1. none				Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2.				Total Number of Dominant
3.				Species Across All Strata:(B)
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 50 (A/B)
		= Total Cove	er	That Are OBL, FACW, or FAC: 50 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3.				OBL species
4				FACW species 11 x 2 = 2 FAC species 11 x 3 = 33
5		- Total Cause		FAC species 11 x 3 = 33 FACU species 0 x 4 = 0
Herb Stratum (Plot size:)		= Total Cove	31	UPL species 5 x 5 = 25
1. Psilocarphus brevissimus	1	N	FACW	Column Totals: 18 (A) 61 (B)
2. Festuca perennis	1	N	FAC	
3. Lepidium nitidum	10	Y	FAC	Prevalence Index = B/A = 3.4
4. Erodium cicutarium	5	Y	UPL	Hydrophytic Vegetation Indicators:
5. Plagiobothrys acanthocarpus	1	N	OBL	Dominance Test is >50%
6.				Prevalence Index is ≤3.0¹
7.				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	18	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				
1. none				¹ Indicators of hydric soil and wetland hydrology must
2				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 82 % Co	ver of Biotic	Cruet		Vegetation Present? Yes No X
Remarks: Sample area is a vernal pool that receives ru predominance of hydrophytic vegetation, but it does sup				
acanthocarpus). Leaf litter is present in basin.	,	1 1	3 p	() ,

Depth	Matrix			dox Features		_	
(inches)	Color (moist)	%	Color (moist)	%Type	Loc ²	Texture	Remarks
0-14	10YR 4/2	100				clay	cobbles abundant throughout
						-	
							-
					_		
							-
		-	d Matrix, CS=Covered		rains. ² l		Lining, RC=Root Channel, M=Matrix.
-		cable to all LF	RRs, unless otherv				or Problematic Hydric Soils ³ :
Histosol	` '			edox (S5)			ck (A9) (LRR C)
	pipedon (A2)			Matrix (S6)			ck (A10) (LRR B)
Black Hi				lucky Mineral (F1			Vertic (F18)
	n Sulfide (A4)			leyed Matrix (F2)		ent Material (TF2)
	Layers (A5) (LRR	C)		Matrix (F3)		Other (E	xplain in Remarks)
	ick (A9) (LRR D)	(0.4.4)		ark Surface (F6)	7 \		
	d Below Dark Surfa	ce (ATT)		Dark Surface (F	<i>(</i>)	3Indicators =4	hydrophytic vogototion and
	ark Surface (A12) Mucky Mineral (S1)		Vernal Po	epressions (F8)			hydrophytic vegetation and hydrology must be present,
	Gleyed Matrix (S4)		vemare	00IS (F9)			sturbed or problematic.
						uniess un	starbed of problematic.
	ayer (if present):						
Type: sho			_				
Depth (inch	nes): <u>14</u>		_			Hydric Soil Pres	ent? Yes No X
IYDROLOG	Y						
	drology Indicators	s:				Seco	ndary Indicators (2 or more require
Primary India	cators (minimum of	one required;	check all that apply	')		V	/ater Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crust	(B11)		s	ediment Deposits (B2) (Riverine)
	ater Table (A2)		Biotic Crus	` '			rift Deposits (B3) (Riverine)
Saturatio				vertebrates (B13)		rainage Patterns (B10)
	larks (B1) (Nonrive	erine)		Sulfide Odor (C			ry-Season Water Table (C2)
	nt Deposits (B2) (N			Rhizospheres alo	-		hin Muck Surface (C7)
	posits (B3) (Nonriv	•		of Reduced Iron	•	· ,	rayfish Burrows (C8)
	Soil Cracks (B6)	······································		on Reduction in T			aturation Visible on Aerial Imagery (C9
_	on Visible on Aeria	I Imagery (B7)		Surface (C7)	ilica collo (ot	· —	hallow Aquitard (D3)
Inundati				plain in Remarks	١		AC-Neutral Test (D5)
		'	Other (LX)	piairi iri remarks	,	'	AC-Neutral Test (D3)
Water-S	tained Leaves (B9)						
Water-S	vations:						
Water-S Field Observ Surface Wate	vations: er Present?		lo X Depth (inch				
Water-S Field Observ Surface Water Water Table	vations: er Present? Present?	Yes N	lo X Depth (inch	ies):			
Water-S Field Observ Surface Water Water Table Saturation Pr	vations: er Present? Present? esent?	Yes N		ies):		nd Hydrology F	Present? Yes X No
Water-S Field Observ Surface Wate Water Table Saturation Pr (includes cap	vations: er Present? Present? eresent? eresent? villary fringe)	Yes N Yes N	No X Depth (inch	nes):	Wetla		Present? Yes X No
Water-S Field Observ Surface Wate Water Table Saturation Pr (includes cap	vations: er Present? Present? eresent? eresent? villary fringe)	Yes N Yes N	lo X Depth (inch	nes):	Wetla		Present? Yes X No
Water-S Field Observ Surface Wate Water Table Saturation Pr (includes cap	vations: er Present? Present? eresent? eresent? villary fringe)	Yes N Yes N	No X Depth (inch	nes):	Wetla		Present? Yes X No
Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap) escribe Reco	vations: er Present? Present? resent? resent? rillary fringe) orded Data (stream	Yes N Yes N gauge, monito	No X Depth (inch No X Depth (inch pring well, aerial pho	nes): potos, previous ins	Wetla	available: n/a	
Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap) escribe Reco	vations: er Present? Present? resent? resent? rillary fringe) orded Data (stream	Yes N Yes N gauge, monito	No X Depth (inch No X Depth (inch pring well, aerial pho	nes): potos, previous ins	Wetla	available: n/a	Present? Yes X No
Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap) escribe Reco	vations: er Present? Present? resent?	Yes N Yes N gauge, monito	No X Depth (inch No X Depth (inch pring well, aerial pho	nes): potos, previous ins	Wetla	available: n/a	
Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap) escribe Reco	vations: er Present? Present? resent?	Yes N Yes N gauge, monito	No X Depth (inch No X Depth (inch pring well, aerial pho	nes): potos, previous ins	Wetla	available: n/a	
Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap describe Reco	vations: er Present? Present? resent?	Yes N Yes N gauge, monito	No X Depth (inch No X Depth (inch pring well, aerial pho	nes): potos, previous ins	Wetla	available: n/a	

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA	Sampling Date: April 23, 2019
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 195/HCP1225
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	Range: Section 31, T18S F	R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C		Long: -117.022755	Datum: NAD83		
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s					on: Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology					
Are Vegetation , Soil X, or Hydrology					
					
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poil	nt locations	s, transects, important	t teatures, etc.
Hydrophytic Vegetation Present? Yes X	_No	_ 1-4	0	A	
Hydric Soil Present? Yes X	_No		he Sampled hin a Wetlan	YAC X	X No
Wetland Hydrology Present? Yes X	_No	_ """	a rrottan		
Remarks: The majority of the vegetation on the site ha	as been disti	urbed due to	past land use	s. This feature was sample	ed during the growing season and
meets the wetland criteria.		,	•	·	
VEGETATION – Use scientific names of plants		Daminant	la di a atau	Dominance Test works	nho at:
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status		
1. none				Number of Dominant Sp That Are OBL, FACW, o	
2.				Total Number of Domina	. ,
3.				Species Across All Strat	i (D)
4				Percent of Dominant Sp	
		= Total Cove	er	That Are OBL, FACW, o	or FAC: <u>100</u> (A/B)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index work	
2.				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4				FACW species	
5				FAC species FACU species	
Herb Stratum (Plot size:)		= Total Cove	31	UPL species	x 5 =
1. Psilocarphus brevissimus	70	Y	FACW	Column Totals:	(A) (B)
2. Festuca perennis	15	N	FAC		
3. Hordeum murinum	5	N	FACU	Prevalence Index	x = B/A =
4. Lepidium latipes	1	N	FACW	Hydrophytic Vegetatio	n Indicators:
5. Plantago elongata	1	N	FACW	X Dominance Test is	s >50%
6. Plagiobothrys acanthocarpus	1	N	OBL	Prevalence Index	
7. Isoetes orcuttii	1	N	OBL	Morphological Ada	aptations ¹ (Provide supporting
8.				data in Remark	ks or on a separate sheet)
	94	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)					
1. none					il and wetland hydrology must
2.				be present, unless distu	urbed or problematic.
		= Total Cove	er	Hydrophytic	
% Bare Ground in Herb Stratum 6 % Co	ver of Biotic	Cruet		Vegetation Yesent?	oo V No
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does suppor					
Plagiobothrys acanthocarpus, and Isoetes orcuttii). Lear				(. 5553) Pilas Dioviosiiii	, . iai.iago ololigata,
					ļ

SOIL Sampling Point: 195/HCP1225

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Feature	S		_	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-18	10YR 4/1	100					loamy clay	large cobbles abundant throughout
	-							
							-	
							_	
17		- DM-D-du	-1 M-t-i 00-0			. 2		and initial DO-Do-M Observed M-Matrix
,,	ncentration, D=Depletio		· · · · · · · · · · · · · · · · · · ·).		ore Lining, RC=Root Channel, M=Matrix.
-	Indicators: (Applic	able to all Li)			s for Problematic Hydric Soils ³ :
Histoso	` '			Redox (S5)				Muck (A9) (LRR C)
	pipedon (A2)			Matrix (S6)				Muck (A10) (LRR B)
	istic (A3)			Mucky Miner				ced Vertic (F18)
	en Sulfide (A4)	•		Gleyed Matri				earent Material (TF2)
	d Layers (A5) (LRR	(5)		d Matrix (F3)			_X_Other	(Explain in Remarks)
	uck (A9) (LRR D)	- (Δ44)		ark Surface	` '			
	d Below Dark Surfac	e (ATT)		d Dark Surfa	` '		311:4	of budge objection and
	ark Surface (A12)			Depressions	(F8)			of hydrophytic vegetation and
	Mucky Mineral (S1) Gleyed Matrix (S4)		veinai F	Pools (F9)				d hydrology must be present, disturbed or problematic.
Sandy (Sieyeu Matrix (34)						uniess	disturbed of problematic.
Restrictive	Layer (if present):							
Туре:			_					
Depth (inc	hes):						Hydric Soil Pi	resent? Yes X No No
Domorko: N	a raday faaturaa aha	onyod Howo	vor bydrio ooilo ord	a aggumed h	oro oo nr	oblomatic	due te etropa	indicators of hydrophytic vegetation and
HYDROLO	GY							
-	drology Indicators						<u>Se</u>	condary Indicators (2 or more required)
Primary Ind	icators (minimum of	one required;	check all that appl	y)				_Water Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)
Saturat	ion (A3)		Aquatic I	nvertebrates	(B13)			Drainage Patterns (B10)
— Water I	Marks (B1) (Nonrive	rine)	—— Hydroger	n Sulfide Odo	or (C1)			Dry-Season Water Table (C2)
 Sedime	ent Deposits (B2) (No	nriverine)	Oxidized	Rhizosphere	es along l	Living Ro	ots (C3)	Thin Muck Surface (C7)
	posits (B3) (Nonrive	•		of Reduced	-	-		Crayfish Burrows (C8)
	Soil Cracks (B6)			on Reductio	,	,	6)	Saturation Visible on Aerial Imagery (C9)
	ion Visible on Aerial	Imagery (B7)		k Surface (C		,	, <u> </u>	Shallow Aquitard (D3)
	Stained Leaves (B9)	0 , ()		cplain in Ren	,			FAC-Neutral Test (D5)
				<u> </u>	,			-
Field Obser		/ .	In V Don'th (in a	L V				
Surface Wat			No X Depth (inc			_		
Water Table			No X Depth (inc	· —		- l		
Saturation P	resent? pillary fringe)	′es	No X Depth (inc	hes):		_ Wetla	and Hydrology	y Present? Yes X No
	corded Data (stream	gaugo monit	oring wall, agrial ph	otos provio	ue inenoc	etions) if	available: n/a	
Describe IVec	orded Data (Stream	gauge, monit	oning well, aerial pi	iolos, pievio	us ilispec	, ii o	avaliable. 11/a	
Remarks: Alt	hough no surface wa	ater was pres	ent at the time of th	ne delineatio	n, eviden	ce of surf	ace soil cracks	s indicate that the area ponds water and
	and hydrology.	•						·

Project/Site: Southwest Village Specific Plan		City/Cour	nty: <u>San Dieg</u>	o, CA Sampling Date: April 23, 2019
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 196
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C		Long: -117.022848 Datum: NAD83		
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	r this time of	f year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map s	nowing sa	mpling poli	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	_No	_ 1- 41	011	A
Hydric Soil Present? Yes X	No	-	he Sampled nin a Wetlan	YAS X NO
Wetland Hydrology Present? Yes X	_No	_ '''	iiii a vvotiaii	u.
Remarks: The majority of the vegetation on the site h	as been dist	urbed due to	past land use	es. This feature was sampled during the growing season and
meets the wetland criteria.			,	
VEGETATION – Use scientific names of plant				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none	70 OOVCI	Орсоюз:	<u>Otatus</u>	Number of Dominant Species That Are OBL, FACW, or FAC:5(A)
2.				Total Number of Dominant
3.				Species Across All Strata: 6 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC: 83 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3	· <u> </u>			OBL species 2 x 1 = 2
4				FACW species 3 x 2 = 6
5				FAC species 2 x 3 = 6
		= Total Cove	er	FACU species1 x 4 =4
Herb Stratum (Plot size:)				UPL species 0 x 5 = 0
Psilocarphus brevissimus	3	Y	FACW	Column Totals:8 (A)18 (B)
2. Lepidium nitidum		Y	FAC	Prevalence Index = B/A = 2.3
3. Plagiobothrys acanthocarpus		Y	OBL	
4. Hordeum murinum	1	Y	FACU	Hydrophytic Vegetation Indicators:
5. Festuca perennis		Y	FAC	X Dominance Test is >50%
6. Crassula aquatica	1	Y	OBL	Prevalence Index is ≤3.0¹
7				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
8	8	= Total Cov		· · · · · ·
Woody Vine Stratum (Plot size:)		- 10tal C01	/ei	Problematic Hydrophytic Vegetation ¹ (Explain)
1 none				¹ Indicators of hydric soil and wetland hydrology must
2. None				be present, unless disturbed or problematic.
2.		= Total Cove		
		- Total Cove	31	Hydrophytic Vegetation
% Bare Ground in Herb Stratum 96 % Co	over of Biotic	Crust		Present? Yes X No
Remarks: Sample area is a vernal pool that receives re	unoff from a	relatively sma	all local micro	-watershed. In addition to the vernal pool consisting
predominately of hydrophytic vegetation, it does suppo	rt three verna	al pool plant i		
acanthocarpus, and Crassula aquatica). Leaf litter is pr	esent in basi	ın.		

Depth	Matr		needed to docum R	edox Featı		۰۱۱۱ ل	48361106 (
(inches)	Color (moist)	<u>%</u>	Color (moist)	<u>%</u>	Type ¹	Loc ²	Texture		Remarks	
0-8	10YR 4/2	100					clay	cobbles a	bundant throughout	
					· —— —		-			
							_			
							_			
¹ Type: C=Co	ncentration, D=Depl	etion, RM=Reduc	ed Matrix, CS=Covere	d or Coated	Sand Grains.	2	Location: PL=P	ore Lining, RC=R	oot Channel, M=Matrix.	
			RRs, unless other						atic Hydric Soils ³ :	
Histoso	ol (A1)		Sandy	Redox (S5)		1 cm	Muck (A9) (LRI	R C)	
	pipedon (A2)			d Matrix (S	•			Muck (A10) (LF	·	
Black H	Histic (A3)		Loamy	Mucky Mir	eral (F1)		Redu	ced Vertic (F18	5)	
Hydrog	en Sulfide (A4)			Gleyed Ma	, ,			Parent Material		
	ed Layers (A5) (LF	RC)		ed Matrix (F	,		X Other	(Explain in Re	marks)	
	luck (A9) (LRR D)			Dark Surfa	` '					
	ed Below Dark Sur			ed Dark Su	` '		3Indicator	a of budronbutio	vogatation and	
)ark Surface (A12) Mucky Mineral (S1			Depressior Pools (F9)	is (Fo)			s of flyaropflytic nd hydrology mi	vegetation and	
	Gleyed Matrix (S4	,	vernar	- 00is (i · 9)				s disturbed or p		
							T			
	Layer (if present):								
	novel refusal						Libraria Onii E)	V N	
Depth (inc	o o						Hydric Soil F	riesent! f	es <u>X</u> No	
conditions, o	or other factors, when		de human-caused d						aturation depth, salir	
HYDROLO										
	ydrology Indicate						<u>Se</u>		ators (2 or more re	quired)
	•	of one required	d; check all that app						(B1) (Riverine)	
	e Water (A1)		Salt Cru	, ,			_	_	posits (B2) (Riverine	e)
<u> </u>	/ater Table (A2)			ust (B12)				_	(B3) (Riverine)	
	tion (A3)			nvertebrat	, ,			_ Drainage Pat		
	Marks (B1) (Nonr i	•		n Sulfide C					Vater Table (C2)	
	ent Deposits (B2)				eres along Li	ving Ro	ots (C3)	_Thin Muck Su	` ,	
	eposits (B3) (Nonr	riverine)			ed Iron (C4)		_	_Crayfish Burr		
	e Soil Cracks (B6)				tion in Tilled	Soils (C	6)		sible on Aerial Image	ry (C9)
	tion Visible on Aer			ck Surface	` '		_	_Shallow Aquit		
Water-	Stained Leaves (E	39)	Other (E	xplain in R	emarks)			_FAC-Neutral	Test (D5)	
Field Obser	rvations:									
Surface Wa	ter Present?	Yes	No X Depth (inc	ches):		_				
Water Table	Present?	Yes	No X Depth (inc	ches):		_				
Saturation F		Yes	No X Depth (inc	ches):		Wetla	and Hydrolog	y Present?	Yes X No	
	pillary fringe)									
Describe Red	corded Data (strea	ım gauge, mon	itoring well, aerial p	hotos, pre\	ious inspect	ions), if a	available: n/a			
Remarks: Al	though no surface	water was nre	sent at the time of t	he delineat	tion evidenc	e of surf	ace soil crack	s indicate that t	he area ponds water	r and
	land hydrology.	a.o. was pic	John Grand anno Ort	4011104		o or our	SSS SON GIACK	maioato trat t	area portas water	and
	. 0,									

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA	Sampling Date: April 23, 2018
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 197
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	Range: Section 31, T18S F	R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.552248		Long: -117.023201	Datum: NAD83
Soil Map Unit Name: Olivenhain cobby loam, 9 to 30 p				NWI classification	
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology					
Are Vegetation , Soil X, or Hydrology					
					
SUMMARY OF FINDINGS – Attach site map sh	lowing sa	mpling poli	nt locations	s, transects, important	t teatures, etc.
Hydrophytic Vegetation Present? Yes X	No				
Hydric Soil Present? Yes X	No		ne Sampled nin a Wetlan	VΔC)	X No
Wetland Hydrology Present? Yes X	No	\	iiii a vvetiaii	u:	
Remarks: The majority of the vegetation on the site ha	s been dist	urbed due to	past land use	es. This feature was sample	ed during the growing season and
meets the wetland criteria.			p a o c i a . i a . i a . i a	ren mue reataire mae eampi	or calling the growing codesin and
VEGETATION – Use scientific names of plants					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works	
1. none	76 COVEI	Species?	Status	Number of Dominant Sp That Are OBL, FACW, o	
				Total Number of Domina	
				Species Across All Strat	
				Percent of Dominant Sp	
4		= Total Cove	er	That Are OBL, FACW, o	or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size:)		. 510 5511			
1. none				Prevalence Index work	sheet:
2.				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4.				FACW species	
5.				FAC species	_
		= Total Cove	er	FACU species	x 4 =
Herb Stratum (Plot size:)				UPL species	x 5 =
Psilocarphus brevissimus	10	Y	FACW	Column Totals:	(B)
2. Lepidium nitidum	10	Y	FAC	Prevalence Inde	x = B/A =
3. Deinandra fasciculata	5	N	FACU		·
4. Erodium cicutarium	5	N	UPL	Hydrophytic Vegetatio	n Indicators:
5. Bromus madritensis	1	N	UPL	_X Dominance Test is	s >50%
6. Festuca perennis	10	Y	FAC	Prevalence Index	is ≤3.0¹
7					aptations¹ (Provide supporting
8				data in Remark	ks or on a separate sheet)
	41	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)					,
1. none				¹ Indicators of hydric soi be present, unless dist	il and wetland hydrology must
2				be present, unless dist	arbed or problematic.
		= Total Cove	er	Hydrophytic	
% Bare Ground in Herb Stratum 59 % Co	ver of Biotic	Crust		Vegetation Yesent? Yes	es X No
Remarks: Sample area is a vernal pool that receives ru			all local miara		
predominately of hydrophytic vegetation, it does suppor					
basin.			,	, , , , , , , , , , , , , , , , , , , ,	. ,

DepthMa	atrix	Re	edox Feati	ures			
(inches) Color (mois	st) %	Color (moist)	%	Type ¹	Loc ²	Textur	e Remarks
0-3 10YR 3/2	98	7.5YR	2	С	RC	clay	
3-12 10YR 3/2	100					clay	
							
						-	
		_					
		_					
¹ Type: C=Concentration, D=De	epletion, RM=Red	uced Matrix, CS=Covere	d or Coated	Sand Grains.	² l	Location: PL=	Pore Lining, RC=Root Channel, M=Matrix.
Hydric Soil Indicators: (A	pplicable to al	I LRRs, unless other	wise note	ed.)		Indicato	ors for Problematic Hydric Soils ³ :
Histosol (A1)			Redox (S5	•			n Muck (A9) (LRR C)
Histic Epipedon (A2)			d Matrix (S	,			n Muck (A10) (LRR B)
Black Histic (A3) Hydrogen Sulfide (A4)			Mucky Mir Gleyed Ma	, ,			luced Vertic (F18) I Parent Material (TF2)
Stratified Layers (A5) (I	LRR C)		d Matrix (f				er (Explain in Remarks)
1 cm Muck (A9) (LRR I			Dark Surfa	,		<u> </u>	(_r.p.a.r. n. r.c.n.a.r.c)
Depleted Below Dark S	Surface (A11)	Deplete	d Dark Su	rface (F7)			
Thick Dark Surface (A1	•		Depressio	ns (F8)			ors of hydrophytic vegetation and
Sandy Mucky Mineral (,	Vernal F	Pools (F9)				and hydrology must be present,
Sandy Gleyed Matrix (54)					unles	ss disturbed or problematic.
Restrictive Layer (if prese	ent):						
Type: shovel refusal							
Depth (inches): 12						Hydric Soil	Present? Yes X No No
indicators due to limited sate	uration depth, s	aline conditions, or or	ner ractors	s, which may	include	numan-caus	sed disturbance.
	otoro:						Secondary Indicators (2 or more required
Wetland Hydrology Indica		ed: check all that ann	lv)			<u>\$</u>	Gecondary Indicators (2 or more required
Wetland Hydrology Indica Primary Indicators (minimu		•				<u> </u>	Water Marks (B1) (Riverine)
Wetland Hydrology Indicators (minimum Surface Water (A1)	ım of one requir	Salt Crus	st (B11)			<u> </u>	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Wetland Hydrology Indicators (minimu Surface Water (A1) High Water Table (A2)	ım of one requir	Salt Crus	st (B11) ust (B12)	es (B13)			Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Wetland Hydrology Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3)	ım of one requir	Salt Crus Biotic Cru Aquatic I	st (B11) ust (B12) nvertebrat	, ,			Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Wetland Hydrology Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Not	m of one requir	Salt Crus Biotic Cru Aquatic I Hydroge	st (B11) ust (B12) nvertebrat n Sulfide (Odor (C1)	iving Roo	 - - -	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Wetland Hydrology Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3)	m of one requir nriverine) 2) (Nonriverine	Salt Crus Biotic Cru Aquatic I Hydrogei Oxidized	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph	, ,	-	 - - -	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
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Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: April 23, 2018
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 198
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.552045		Long: -117.022170 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
			it iocation:	s, transects, important reatures, etc.
Hydrophytic Vegetation Present? Yes X	No	_ Is th	ne Sampled	Area
Hydric Soil Present? Yes X	_No		nin a Wetlan	YAS X NO
Wetland Hydrology Present? Yes X	No	_		
Remarks: The majority of the vegetation on the site had meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and
VEGETATION – Ose scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species
1. <u>none</u>				That Are OBL, FACW, or FAC:(A)
2. 3.				Total Number of Dominant Species Across All Strata:
				Percent of Dominant Species (B)
4		= Total Cove		That Are OBL, FACW, or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size:)		10101 001	21	
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species x 1 =
4.				FACW species x 2 =
5.				FAC species x 3 =
		= Total Cove	er	FACU species x 4 =
Herb Stratum (Plot size:)				UPL species x 5 =
Psilocarphus brevissimus	80	Y	FACW	Column Totals: (A)(B)
2. Plagiobothrys acanthocarpus	1	N	OBL	Prevalence Index = B/A =
3. Centaurea melitensis	1	N	UPL	
4. Deinandra fasciculata	1	N	FACU	Hydrophytic Vegetation Indicators:
5. Lepidium nitidum		N	FAC	X Dominance Test is >50%
6. Bromus hordeaceus	1	N	FACU	Prevalence Index is ≤3.0¹
7. Hordeum murinum	1	N	FACU	Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
8		- Total Cay		, , , , , , , , , , , , , , , , , , ,
Woody Vine Stratum (Plot size:)	86	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must
2. <i>Hone</i>				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic Vegetation
	ver of Biotic			Present? Yes X No No No
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does supporbasin.				-watershed. In addition to the vernal pool consisting es (Plagiobothrys acanthocarpus). Leaf litter is present in

Profile Description: Depth	Matrix			Redox Feat	ures		_	
(inches) Colo	or (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-2 10YR 3	3/2	100					sandy clay	
2-18 10YR 4	4/3	100		_				
				_				
¹ Type: C=Concentratio	· · · · · · · · · · · · · · · · · · ·					S. ²		ore Lining, RC=Root Channel, M=Matrix.
Hydric Soil Indicate	ors: (Applica	ble to all LR						s for Problematic Hydric Soils ³ :
Histosol (A1)				Redox (S5	•			Muck (A9) (LRR C)
— Histic Epipedon				ed Matrix (S	,			Muck (A10) (LRR B)
Black Histic (A3)	,			y Mucky Mi				ced Vertic (F18)
Hydrogen Sulfid		`		y Gleyed M				Parent Material (TF2)
Stratified Layers	` ' ')		ted Matrix (,		X_Other	(Explain in Remarks)
1 cm Muck (A9) Depleted Below		(111)		x Dark Surfa	` ,			
Thick Dark Surfa		(A11)		ted Dark Su x Depressio			3Indicators	s of hydrophytic vegetation and
Sandy Mucky M	` '			l Pools (F9)	` ,			nd hydrology must be present,
Sandy Gleyed M	, ,			11 1 0013 (1 0)	,		s disturbed or problematic.	
							1	alottarboa or problematic.
Restrictive Layer (if	r present):							
Type:								
			_					
	his feature is	a vernal pool	I that is seasona	ally ponded	and may lac			Present? Yes X No No indicators of hydrophytic vegetation and due to limited saturation depth, saline
Remarks: No redox wetland hydrology. T conditions, or other fa	his feature is	a vernal pool	I that is seasona	ally ponded	and may lac		due to strong	g indicators of hydrophytic vegetation an
Remarks: No redox wetland hydrology. T conditions, or other fa	This feature is actors, which	a vernal pool	I that is seasona	ally ponded	and may lac		due to strong	g indicators of hydrophytic vegetation an
Remarks: No redox wetland hydrology. T conditions, or other fa	This feature is actors, which	a vernal pool may include	l that is seasona human-caused	ally ponded disturbance	and may lac		due to strong	g indicators of hydrophytic vegetation and due to limited saturation depth, saline
Remarks: No redox wetland hydrology. T conditions, or other fa	his feature is actors, which y Indicators: minimum of or	a vernal pool may include	I that is seasona human-caused check all that ap	ally ponded disturbance	and may lac		due to strong	g indicators of hydrophytic vegetation and due to limited saturation depth, saline
Remarks: No redox wetland hydrology. T conditions, or other fa HYDROLOGY Wetland Hydrology Primary Indicators (n	This feature is actors, which y Indicators: minimum of or (A1)	a vernal pool may include	I that is seasona human-caused check all that apSalt Cr	ally ponded disturbance	and may lac		due to strong	g indicators of hydrophytic vegetation and due to limited saturation depth, saline econdary Indicators (2 or more required Water Marks (B1) (Riverine)
Remarks: No redox wetland hydrology. T conditions, or other father than the second sec	This feature is actors, which y Indicators: minimum of or (A1)	a vernal pool may include	that is seasona human-caused check all that ap Salt Cr Biotic (ally ponded disturbance	and may lac		due to strong	g indicators of hydrophytic vegetation and due to limited saturation depth, saline econdary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Remarks: No redox wetland hydrology. T conditions, or other fa HYDROLOGY Wetland Hydrology Primary Indicators (r Surface Water (High Water Tab	y Indicators: minimum of or (A1)	a vernal pool may include ne required; o	check all that ap Salt Cr Biotic C	ally ponded disturbance pply) ust (B11) Crust (B12)	and may lace.		due to strong	g indicators of hydrophytic vegetation and due to limited saturation depth, saline econdary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Remarks: No redox wetland hydrology. T conditions, or other fa HYDROLOGY Wetland Hydrology Primary Indicators (r Surface Water (High Water Tab Saturation (A3)	y Indicators: minimum of or (A1) ble (A2)	a vernal pool may include ne required; o	check all that ap Salt Cr Biotic C Aquatic Hydrog	oply) ust (B11) Crust (B12) c Invertebra	and may lace.	k hydric s	s due to strong oil indicators	g indicators of hydrophytic vegetation and due to limited saturation depth, saline condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Remarks: No redox wetland hydrology. T conditions, or other factors of the second seco	This feature is actors, which y Indicators: minimum of or (A1) ple (A2) 1) (Nonriverir sits (B2) (Non	a vernal pool may include ne required; of ne) ariverine)	check all that ap Salt Cr Biotic C Aquatic Hydrog Oxidize	oply) ust (B11) Crust (B12) c Invertebra gen Sulfide o	and may lace. ates (B13) Odor (C1)	k hydric s	s due to strong oil indicators	g indicators of hydrophytic vegetation and due to limited saturation depth, saline econdary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
Remarks: No redox wetland hydrology. T conditions, or other factors of the second seco	y Indicators: minimum of or (A1) ble (A2) 1) (Nonrivering sits (B2) (Nonrivering sits (B2) (Nonrivering sits (Nonriverin	a vernal pool may include ne required; of ne) ariverine)	check all that ap Salt Cr Biotic C Aquatic Hydrog Oxidize	oply) ust (B11) Crust (B12) c Invertebra gen Sulfide (ed Rhizosphace of Redu	and may lace. Ites (B13) Odor (C1) Incres along I	Living Ro	Security of the strong soil indicators of the strong soil indicato	g indicators of hydrophytic vegetation and due to limited saturation depth, saline econdary Indicators (2 or more required water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Remarks: No redox wetland hydrology. T conditions, or other factorial factor	y Indicators: minimum of or (A1) ble (A2) 1) (Nonriverial sits (B2) (Nonriverial acks (B6)	a vernal pool may include ne required; o ne) uriverine) ine)	check all that ap Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent	oply) ust (B11) Crust (B12) c Invertebra gen Sulfide (ed Rhizosphace of Redu	and may lace. Ites (B13) Odor (C1) Ineres along loced Iron (C4 Ction in Tilled	Living Ro	Security of the strong soil indicators of the strong soil indicato	g indicators of hydrophytic vegetation and due to limited saturation depth, saline econdary Indicators (2 or more required water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Remarks: No redox wetland hydrology. T conditions, or other fa HYDROLOGY Wetland Hydrology Primary Indicators (r Surface Water (High Water Tab Saturation (A3) Water Marks (B Sediment Depos Drift Deposits (E X Surface Soil Cra	y Indicators: minimum of or (A1) ble (A2) 1) (Nonriverir sits (B2) (Non (33) (Nonriverir acks (B6) ble on Aerial Ir	a vernal pool may include ne required; o ne) uriverine) ine)	check all that ap Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M	oply) ust (B11) Crust (B12) c Invertebra gen Sulfide (ed Rhizosphace of Reduction Reduction	and may lace. attes (B13) Odor (C1) neres along l ced Iron (C4 ction in Tilled	Living Ro	Security of the strong soil indicators of the strong soil indicato	g indicators of hydrophytic vegetation and due to limited saturation depth, saline econdary Indicators (2 or more required water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C
Remarks: No redox wetland hydrology. T conditions, or other factorial factor	y Indicators: minimum of or (A1) ble (A2) 1) (Nonrivering sits (B2) (Nonrivering sits (B6) (Nonrivering sits (B6)) ble on Aerial In Leaves (B9)	a vernal pool may include ne required; o ne) uriverine) ine)	check all that ap Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M	oply) ust (B11) Crust (B12) c Invertebra gen Sulfide (ed Rhizosph ace of Reduct t Iron Reduct uck Surface	and may lace. attes (B13) Odor (C1) neres along l ced Iron (C4 ction in Tilled	Living Ro	Security of the strong soil indicators of the strong soil indicato	g indicators of hydrophytic vegetation and due to limited saturation depth, saline econdary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Canada Shallow Aquitard (D3)
Remarks: No redox wetland hydrology. T conditions, or other factorial factor	y Indicators: minimum of or (A1) ble (A2) 1) (Nonrivering sits (B2) (Nonrivering acks (B6) ble on Aerial In Leaves (B9) :	a vernal pool may include ne required; of ne) ariverine) ine) magery (B7)	check all that ap check all that ap Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M Other (oply) ust (B11) Crust (B12) c Invertebra gen Sulfide (ed Rhizosphace of Redu- t Iron Reducuck Surface (Explain in F	and may lace. Ites (B13) Odor (C1) neres along loced Iron (C4 ction in Tillece e (C7) Remarks)	Living Roots Soils (Co	Security of the strong soil indicators of the strong soil indicato	g indicators of hydrophytic vegetation and due to limited saturation depth, saline econdary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Canada Shallow Aquitard (D3)
Remarks: No redox wetland hydrology. T conditions, or other fate that the second secon	y Indicators: minimum of or (A1) ble (A2) 1) (Nonrivering sits (B2) (Nonrivering sits (B6) (B6) ble on Aerial Indicators (B9) : ent? Ye	a vernal pool may include ne required; of ne) ariverine) ine) magery (B7)	check all that ap check all that ap Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M Other (pply) ust (B11) Crust (B12) c Invertebra gen Sulfide (ed Rhizosph ace of Redu t Iron Reduc uck Surface (Explain in F	and may lace. Ites (B13) Odor (C1) neres along loced Iron (C4 ction in Tillece (C7) Remarks)	Living Roo	Security of the strong soil indicators of the strong soil indicato	g indicators of hydrophytic vegetation and due to limited saturation depth, saline econdary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Canada Shallow Aquitard (D3)
Remarks: No redox wetland hydrology. T conditions, or other father than the second sec	y Indicators: minimum of or A1) ble (A2) 1) (Nonrivering sits (B2) (Nonrivering acks (B6) ble on Aerial In Leaves (B9) : ent? Ye	a vernal pool may include ne required; of ne) iriverine) ine) magery (B7) es N es N	check all that appears and the check all that appears are check all that appears and the check all that appears and the check all that appears are check all that appears and the check all that appears are check all the check all that appears are check all that appears are check all the check all	oply) ust (B11) Crust (B12) c Invertebra gen Sulfide (ed Rhizosphace of Reduct Iron Reduct uck Surface (Explain in F	and may lace. Ites (B13) Odor (C1) neres along loced Iron (C4 ction in Tillece (C7) Remarks)	Living Roo	Se S	g indicators of hydrophytic vegetation and due to limited saturation depth, saline econdary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Canada Shallow Aquitard (D3) FAC-Neutral Test (D5)
Remarks: No redox wetland hydrology. T conditions, or other factorial factor	y Indicators: minimum of or (A1) ble (A2) 1) (Nonriverial sits (B2) (Nonriverial acks (B6) ble on Aerial In Leaves (B9) : ent? Ye Ye	a vernal pool may include ne required; of ne) iriverine) ine) magery (B7) es N es N	check all that ap check all that ap Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M Other (oply) ust (B11) Crust (B12) c Invertebra gen Sulfide (ed Rhizosphace of Reduct Iron Reduct uck Surface (Explain in F	and may lace. Ites (B13) Odor (C1) neres along loced Iron (C4 ction in Tillece (C7) Remarks)	Living Roo	Security of the strong soil indicators of the strong soil indicato	g indicators of hydrophytic vegetation and due to limited saturation depth, saline econdary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Canada Shallow Aquitard (D3) FAC-Neutral Test (D5)
Remarks: No redox wetland hydrology. T conditions, or other father than the second sec	rhis feature is actors, which y Indicators: minimum of or (A1) ble (A2) 1) (Nonrivering ists (B2) (Nonrivering ists (B6) on Aerial Intervented is the content of the cont	a vernal pool may include ne required; of ne) ine) magery (B7) es N es N	check all that ap Salt CrBiotic CAquaticPresenRecentThin MOther (oX_Depth (ii oX_Depth (ii	oply) ust (B11) Crust (B12) c Invertebra gen Sulfide (ed Rhizosph ace of Redu t Iron Reduc uck Surface (Explain in F	and may lace. Ites (B13) Odor (C1) neres along loced Iron (C4 ction in Tillecte (C7) Remarks)	Living Root Soils (Co	Security of the strong soil indicators of the strong soil indicato	g indicators of hydrophytic vegetation and due to limited saturation depth, saline econdary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Canal State of Canal S
Remarks: No redox wetland hydrology. T conditions, or other fate that the second state of the second state	rhis feature is actors, which y Indicators: minimum of or (A1) ble (A2) 1) (Nonrivering ists (B2) (Nonrivering ists (B6) on Aerial Intervented is the content of the cont	a vernal pool may include ne required; of ne) ine) magery (B7) es N es N	check all that ap Salt CrBiotic CAquaticPresenRecentThin MOther (oX_Depth (ii oX_Depth (ii	oply) ust (B11) Crust (B12) c Invertebra gen Sulfide (ed Rhizosph ace of Redu t Iron Reduc uck Surface (Explain in F	and may lace. Ites (B13) Odor (C1) neres along loced Iron (C4 ction in Tillecte (C7) Remarks)	Living Root Soils (Co	Security of the strong soil indicators of the strong soil indicato	g indicators of hydrophytic vegetation and due to limited saturation depth, saline econdary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Canal State of Canal S
Remarks: No redox wetland hydrology. T conditions, or other face water (and by the conditions) and the conditions of the	rhis feature is actors, which y Indicators: minimum of or (A1) ble (A2) 1) (Nonrivering its (B2) (Nonrivering its (B2) (Nonrivering its (B6)) ble on Aerial Indexes (B9) : ent? Years years years years years years years	a vernal pool may include ne required; of ne) ine) magery (B7) es N es N auge, monito	check all that applications and the check all that application is considered as a considered a	oply) ust (B11) Crust (B12) c Invertebra gen Sulfide of Reduct Iron Reduct uck Surface (Explain in Funches):	and may lace. Intes (B13) Odor (C1) Interes along loced Iron (C4 Otion in Tillect (C7) Remarks)	Living Roo Y Soils (Co	Security of the strong coil indicators of the strong coil indicato	g indicators of hydrophytic vegetation and due to limited saturation depth, saline econdary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Caster Shallow Aquitard (D3) FAC-Neutral Test (D5) The property of th
Remarks: No redox wetland hydrology. T conditions, or other face wetland Hydrology Primary Indicators (remark) Surface Water (remark) High Water Table Saturation (A3) Water Marks (Begediment Deposits (Eee North Community) X Surface Soil Crael Inundation Visible Water-Stained Lefted Observations: Surface Water Present Saturation Present? (includes capillary frigorescribe Recorded December 1)	rhis feature is actors, which y Indicators: minimum of or (A1) ble (A2) 1) (Nonrivering its (B2) (Nonrivering its (B2) (Nonrivering its (B6)) ble on Aerial Indicators (B9) : ent? Year Year (B9) ata (stream gains) o surface wat	a vernal pool may include ne required; of ne) ine) magery (B7) es N es N auge, monito	check all that applications and the check all that application is considered as a considered a	oply) ust (B11) Crust (B12) c Invertebra gen Sulfide of Reduct Iron Reduct uck Surface (Explain in Funches):	and may lace. Intes (B13) Odor (C1) Interes along loced Iron (C4 Otion in Tillect (C7) Remarks)	Living Roo Y Soils (Co	Security of the strong coil indicators of the strong coil indicato	g indicators of hydrophytic vegetation and due to limited saturation depth, saline econdary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Canal State of Canal S
Remarks: No redox wetland hydrology. T conditions, or other factorial factor	rhis feature is actors, which y Indicators: minimum of or (A1) ble (A2) 1) (Nonrivering its (B2) (Nonrivering its (B2) (Nonrivering its (B6)) ble on Aerial Indicators (B9) : ent? Year Year (B9) ata (stream gains) o surface wat	a vernal pool may include ne required; of ne) ine) magery (B7) es N es N auge, monito	check all that applications and the check all that application is considered as a considered a	oply) ust (B11) Crust (B12) c Invertebra gen Sulfide of Reduct Iron Reduct uck Surface (Explain in Funches):	and may lace. Intes (B13) Odor (C1) Interes along loced Iron (C4 Otion in Tillect (C7) Remarks)	Living Roo Y Soils (Co	Security of the strong coil indicators of the strong coil indicato	g indicators of hydrophytic vegetation and due to limited saturation depth, saline econdary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Caster Shallow Aquitard (D3) FAC-Neutral Test (D5) The property of th
Remarks: No redox wetland hydrology. T conditions, or other fate of the second state o	rhis feature is actors, which y Indicators: minimum of or (A1) ble (A2) 1) (Nonrivering its (B2) (Nonrivering its (B2) (Nonrivering its (B6)) ble on Aerial Indicators (B9) : ent? Year Year (B9) ata (stream gains) o surface wat	a vernal pool may include ne required; of ne) ine) magery (B7) es N es N auge, monito	check all that applications and the check all that application is considered as a considered a	oply) ust (B11) Crust (B12) c Invertebra gen Sulfide of Reduct Iron Reduct uck Surface (Explain in Funches):	and may lace. Intes (B13) Odor (C1) Interes along loced Iron (C4 Otion in Tillect (C7) Remarks)	Living Roo Y Soils (Co	Security of the strong coil indicators of the strong coil indicato	g indicators of hydrophytic vegetation and due to limited saturation depth, saline econdary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Caster Shallow Aquitard (D3) FAC-Neutral Test (D5) The property of th

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: March 23, 2019
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 199
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55203594	850	Long: -117.02214618600 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology			-	
Are Vegetation , Soil , or Hydrology	 natura	ally problema	tic? Yes	(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes	No X			
Hydric Soil Present? Yes	No X	is u	ne Sampled	YAS NO X
Wetland Hydrology Present? Yes X	No	— with	nin a Wetlan	ur ——
Remarks: The majority of the vegetation on the site had does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and
VEGETATION — 636 36lentine numes of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species
1. none				That Are OBL, FACW, or FAC: 2 (A)
2. 3.				Total Number of Dominant Species Across All Strata: 6 (B)
				Percent of Dominant Species
4.		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species1 x 1 =1
4.				FACW species1 x 2 =2
5				FAC species 0 x 3 = 0
		= Total Cove	er	FACU species 4 x 4 = 16
Herb Stratum (Plot size:)				UPL species 2 x 5 = 10
1. Plagiobothrys acanthocarpus	1	Y	OBL	Column Totals:8 (A)29 (B)
2. Psilocarphus brevissimus	1	Y	FACW	Prevalence Index = B/A = 3.6
3. Centaurea melitensis	2	Y	UPL FACUL	Hadron bada Manadadan Indiadan
Hordeum murinum Bromus hordeaceus	1	Y	FACU FACU	Hydrophytic Vegetation Indicators:
6. Mesembryanthemum nodiflorum	2	Y	FACU	Dominance Test is >50% Prevalence Index is ≤3.0¹
7			TACO	
8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
<u> </u>	8	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:		. 510 55		Troblematio riyuropriyito vegetation (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum95	ver of Biotic	Crust		Vegetation Present? Yes
Remarks: Sample area is a vernal pool that receives ru				
predomince of hydrophytic vegetation, it does support to brevissimus).				

Profile Desc Depth	ription: (Describe to Matrix	the depth nee		ent the inc		confirm t	the absence of	findicators.)
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
(ITICITES)	Color (moist)		oloi (moist)		туре .	LOC	Texture	
								_
							-	
							_	
1Type: C=Co	 ncentration, D=Depletion		latrix CS=Covere	d or Coated	Sand Grains	. 2	2 ocation: PL =Por	re Lining, RC=Root Channel, M=Matrix.
	Indicators: (Applica					5.		for Problematic Hydric Soils ³ :
Histoso				Redox (S5)				Muck (A9) (LRR C)
_				l Matrix (S6				
_	pipedon (A2)			,	,			Muck (A10) (LRR B)
	istic (A3)			Mucky Mine	. ,			ed Vertic (F18)
	en Sulfide (A4)			Gleyed Mat				arent Material (TF2)
	d Layers (A5) (LRR C	ه)		d Matrix (F	,		Other ((Explain in Remarks)
	uck (A9) (LRR D)	(4.4.4)		ark Surfac	` '			
	d Below Dark Surface	e (A11)		d Dark Sur			21 11 1	
	ark Surface (A12)			Depression	s (F8)			of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal F	Pools (F9)				I hydrology must be present,
Sandy 0	Gleyed Matrix (S4)						unless	disturbed or problematic.
Restrictive	Layer (if present):							
Type:								
Depth (inc	hes):						Hydric Soil Pro	esent? Yes No X
							et the hydrophyt	ic vegetation standard to be considered a
welland. The	erefore, no soil pit was	s dug and nydno	solis are not co	onsidered i	to be prese	ent.		
HYDROLOG	2V							
	/drology Indicators:						900	condary Indicators (2 or more required)
_	icators (minimum of c		ook all that appl)			·	
	,	nie required, ch		,,				Water Marks (B1) (Riverine)
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)
Saturat	on (A3)		Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)			Dry-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	oots (C3)	Thin Muck Surface (C7)
	posits (B3) (Nonrive			of Reduce	_			Crayfish Burrows (C8)
	Soil Cracks (B6)			on Reducti	-			Saturation Visible on Aerial Imagery (C9)
						u oons (o		
	ion Visible on Aerial I	magery (B7)		k Surface				Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (E)	oplain in Re	emarks)			FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat	er Present? Y	es No	X Depth (inc	hes):				
Water Table		es No				ı		
Saturation P		es No				 1	and Hydrology	Present? Yes X No
(includes cap		110_	Dopui (iiic			_	and right ology	100 <u>/</u> /
	orded Data (stream o	auge, monitorin	ng well, aerial ph	otos, prev	ious inspe	ctions). if	available: n/a	
		,	·9 ····., ····· p·	, , , , , , , , , ,		,		
Remarks: Alt	hough no surface wa	ter was present	at the time of th	ne delineati	ion, eviden	ice of surf	face soil cracks	indicate that the area ponds water and
	and hydrology. Wateı							·
I								

Project/Site: Southwest Village Specific Plan		City/Coun	ity: <u>San Dieg</u>	o, CA Sampling Date: April 23, 2019
Applicant/Owner: Pardee Homes	State: CA Sampling Point: 200			
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55491		Long: -117.02434 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes Hydric Soil Present? Yes	No X	ls th	ne Sampled	Area Yes No X
Wetland Hydrology Present?	No No	— with	nin a Wetland	d?
	_			es. This feature was sampled during the growing season and
does not meet the wetland criteria. VEGETATION – Use scientific names of plants				
To a Otto to a (Dist size	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species
				That Are OBL, FACW, or FAC: 1 (A)
3				Total Number of Dominant Species Across All Strata: 2 (B)
				Percent of Dominant Species
4.		= Total Cove	er	That Are OBL, FACW, or FAC: 50 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species1 x 1 =1
4				FACW species1 x 2 =2
5				FAC species 50 x 3 = 150
		= Total Cove	er	FACU species 5 x 4 = 20
Herb Stratum (Plot size:)				UPL species 40 x 5 = 200
1. Psilocarphus brevissimus	1	N	FACW	Column Totals:97
2. Plagiobothrys acanthocarpus	1	N	OBL	Prevalence Index = B/A = 3.8
3. Festuca perennis	50	Y	FAC	Hadron bada Manadadan Indiadan
4. Hordeum murinum 5. Erodium cicutarium		N 	FACU_ UPL	Hydrophytic Vegetation Indicators:
6				Dominance Test is >50% Prevalence Index is ≤3.0¹
8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
<u> </u>	97	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:				Troblematio riyuropriyito vegetation (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must
				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
				Vegetation
	ver of Biotic			Present? Yes
Remarks: Sample area is a vernal pool that receives ruqualifications for hydrophytic vegetation, it does support brevissimus).				

Depth	cription: (Describe t Matrix			edox Featu	res			•
(inches)	Color (moist)	% C	olor (moist)	%	Type ¹	Loc ²	Texture	Remarks
	-							-
		· ——						
¹ Type: C=Co	oncentration, D=Depletion	n, RM=Reduced Ma	atrix, CS=Covere	d or Coated	Sand Grains.	² Lc	cation: PL=Po	re Lining, RC=Root Channel, M=Matrix.
Hydric Soi	il Indicators: (Applic	able to all LRRs	s, unless other	wise note	d.)		Indicators	for Problematic Hydric Soils ³ :
Histoso	ol (A1)		Sandy F	Redox (S5)			1 cm N	Muck (A9) (LRR C)
	Epipedon (A2)			d Matrix (Se	3)			Muck (A10) (LRR B)
	Histic (A3)			Mucky Mine				ed Vertic (F18)
	gen Sulfide (A4)			Gleyed Ma				arent Material (TF2)
	ed Layers (A5) (LRR (C)		d Matrix (F				(Explain in Remarks)
	fuck (A9) (LRR D)	-,		Dark Surfac	,			(Explain in Francisco)
	ed Below Dark Surfac	:e (A11)		d Dark Sur				
	Dark Surface (A12)	()		Depression			3Indicators	of hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)	o (i o)			d hydrology must be present,
	Gleyed Matrix (S4)		voindii	0010 (1 0)				disturbed or problematic.
	. ,						unicoo	distarbed of problematic.
	Layer (if present):							
Type:								
Depth (inc	ches):					H	Hydric Soil Pr	resent? Yes No X
Remarks: 1	The sampled area sur	oports a predomir	nance of upland	d vegetation	n and does r	ot meet t	he hydrophyl	tic vegetation standard to be considered
	erefore, no soil pit wa							•
HYDROLO	GY							
Wetland H	ydrology Indicators	:					Sec	condary Indicators (2 or more require
	dicators (minimum of		eck all that appl	v)				Water Marks (B1) (Riverine)
	•	one required, one						
	e Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
•	Vater Table (A2)		X Biotic Cru	, ,				Drift Deposits (B3) (Riverine)
	tion (A3)		Aquatic I	nvertebrate	es (B13)			Drainage Patterns (B10)
Water	Marks (B1) (Nonrive	rine)	Hydroger	n Sulfide O	dor (C1)			Dry-Season Water Table (C2)
Sedime	ent Deposits (B2) (No	onriverine)	Oxidized	Rhizosphe	res along Liv	ing Root	s (C3)	Thin Muck Surface (C7)
	eposits (B3) (Nonrive				ed Iron (C4)	•	• •	Crayfish Burrows (C8)
	e Soil Cracks (B6)	,			on in Tilled S	Soils (C6)		Saturation Visible on Aerial Imagery (C
	tion Visible on Aerial	Imagany (P7)				30113 (00)		•
		imagery (b7)		k Surface	. ,			Shallow Aquitard (D3)
water-	Stained Leaves (B9)		Other (Ex	kplain in Re	emarks)			FAC-Neutral Test (D5)
Field Obse	rvations:							
		Yes No_	X Depth (inc	hes)·				
		Yes No_				•		
Mater Table	o i leselit:	res No _ Yes No _				Motion	d Usalvalaas	(Dresent2 Voc V No
Water Table	Dragont?		Depth (inc	nes)		vveuan	d Hydrology	Present? Yes X No
Saturation F								
Saturation F (includes ca	pillary fringe)					\ : f	-1-1-1-1-1-1-1	
Saturation F (includes ca			g well, aerial ph	notos, prev	ous inspecti	ons), if av	ailable: n/a	
Saturation F (includes ca	pillary fringe)		g well, aerial pł	notos, prev	ous inspecti	ons), if av	ailable: n/a	
Saturation F (includes ca Describe Red	apillary fringe) corded Data (stream	gauge, monitorin		·		, 		
Saturation F (includes ca Describe Red Remarks: Al	apillary fringe) corded Data (stream electric stream electric electric stream electric stream electric stream electric electric stream electric electric stream electric	gauge, monitoring	at the time of th	ne delineati	on, evidence	e of surface	ce biotic crus	ts indicate that the area ponds water and
Saturation F (includes ca Describe Red Remarks: Al	apillary fringe) corded Data (stream	gauge, monitoring	at the time of th	ne delineati	on, evidence	e of surface	ce biotic crus	ts indicate that the area ponds water an
Saturation F (includes ca Describe Red Remarks: Al	apillary fringe) corded Data (stream electric stream electric electric stream electric stream electric stream electric electric stream electric electric stream electric	gauge, monitoring	at the time of th	ne delineati	on, evidence	e of surface	ce biotic crus	ts indicate that the area ponds water an
Saturation F (includes ca Describe Red Remarks: Al	apillary fringe) corded Data (stream electric stream electric electric stream electric stream electric stream electric electric stream electric electric stream electric	gauge, monitoring	at the time of th	ne delineati	on, evidence	e of surface	ce biotic crus	ts indicate that the area ponds water an

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA	Sampling Date: April 23, 2019
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 201
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	Range: Section 31, T18S F	₹01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.553335		Long: -117.021113	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification	on: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology _			·	· · · · · · · · · · · · · · · · · · ·	
Are Vegetation, Soil, or Hydrology					
SUMMARY OF FINDINGS – Attach site map sh	owing sai	mpling poli	nt locations	s, transects, importan	t teatures, etc.
Hydrophytic Vegetation Present? Yes X	No			_	
Hydric Soil Present? Yes X	No		ne Sampled nin a Wetlan	YAC X	X No
Wetland Hydrology Present? Yes X	No	Witi	iiii a vvetiaii	u:	
Remarks: The majority of the vegetation on the site ha	s been distu	urbed due to	past land use	es. This feature was sample	ed during the growing season and
meets the wetland criteria.			p a o c i a . i a . i a . i a	or reacting reactings.	or calling the growing codesin and
VEGETATION – Use scientific names of plants					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works	
1. none	70 COVEI	_opecies:		Number of Dominant Sp That Are OBL, FACW, of	
2.				Total Number of Domina	
3				Species Across All Strat	
				Percent of Dominant Sp	pecies
4		= Total Cove	er	That Are OBL, FACW, o	or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index work	(sheet:
2.				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4.				FACW species	x 2 =
5.				FAC species	_
		= Total Cove	er	FACU species	x 4 =
Herb Stratum (Plot size:)				UPL species	x 5 =
Psilocarphus brevissimus	1	N	FACW	Column Totals:	(B)
2. Plagiobothrys acanthocarpus	1	N	OBL	Prevalence Inde	x = B/A =
3. Festuca perennis	45	Y	FAC		
4. Hordeum marinum	40	Y	FAC	Hydrophytic Vegetatio	n Indicators:
5				X Dominance Test i	s >50%
6				Prevalence Index	
7					aptations¹ (Provide supporting
8					ks or on a separate sheet)
Manada Vina Obratana (Diataina	87	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				1	
1. none				be present, unless dist	il and wetland hydrology must
2					arboa or problemane.
		= Total Cove	er	Hydrophytic Vegetation	
% Bare Ground in Herb Stratum 13 % Co	ver of Biotic	Crust		Present?	es X No
Remarks: Sample area is a vernal pool that receives ru			all local micro	 -watershed The sample a	
hydrophytic vegetation, and it also supports two vernal p					

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ures			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-1								plant litter
1-18	10YR 4/1	90	7.5YR 4/6	10		RC/M	sandy clay	<u>.</u>
1-10	1011(4/1		7.511(4/0	10		T NO/IVI	Sandy Gay	-
					- <u> </u>			
-							-	
-								
¹ Type: C=Co	ncentration, D=Depletion	RM=Reduc	ed Matrix CS=Covered	or Coated	Sand Grain	s 2	l ocation: PI =Pore	Lining, RC=Root Channel, M=Matrix.
- ,,	il Indicators: (Applica		•					or Problematic Hydric Soils ³ :
Histoso	` • •		•	Redox (S5	•			ick (A9) (LRR C)
	Epipedon (A2)			Matrix (S				ick (A10) (LRR B)
	Histic (A3)			Лиску Mir	,			d Vertic (F18)
	gen Sulfide (A4)			Gleyed Ma				ent Material (TF2)
	ed Layers (A5) (LRR C	:)	x Depleted	-				xplain in Remarks)
	fluck (A9) (LRR D)	')		ark Surfa	•		(, plant in tremaine,
	ed Below Dark Surface	e (A11)			rface (F7)			
	Dark Surface (A12)	(/		epression	` '		³ Indicators of	f hydrophytic vegetation and
	Mucky Mineral (S1)			ools (F9)				nydrology must be present,
	Gleyed Matrix (S4)		_	,				sturbed or problematic.
								·
_	Layer (if present):							
Type: _								
Depth (in	cnes):						Hydric Soil Pres	sent? Yes X No No
Remarks: 0	depleted matrix obseve	ed						
HYDROLO	GY							
Wetland H	lydrology Indicators:						Seco	ndary Indicators (2 or more required)
Primary Inc	dicators (minimum of o	ne required	l; check all that apply	y)			v	Vater Marks (B1) (Riverine)
Surfac	e Water (A1)		Salt Crust	t (B11)			S	sediment Deposits (B2) (Riverine)
High V	Vater Table (A2)		Biotic Cru	ıst (B12)				prift Deposits (B3) (Riverine)
	ition (A3)		Aquatic Ir	` ,	es (B13)			Prainage Patterns (B10)
	Marks (B1) (Nonriver i	ne)	Hydrogen		` ,			Ory-Season Water Table (C2)
l 	ent Deposits (B2) (No	-	<u> </u>		eres along	Living Ro		hin Muck Surface (C7)
	ent Deposits (B2) (Nonrive i	•			ced Iron (C	-		Crayfish Burrows (C8)
ı —					-	-		
ı —	e Soil Cracks (B6)	maga: /D7			tion in Tille	u oolis (Cl		saturation Visible on Aerial Imagery (C9)
i 	ation Visible on Aerial I	magery (B <i>1</i>						Shallow Aquitard (D3)
vvater-	-Stained Leaves (B9)		Other (Ex	plain in R	(emarks)		F	AC-Neutral Test (D5)
Field Obse	rvations:							
Surface Wa	ater Present? Y	es _	No X Depth (inch	nes):				
Water Table			No X Depth (inch			_		
Saturation I			No X Depth (inch			— Wetla	nd Hydrology F	Present? Yes X No
	apillary fringe)							
Describe Re	corded Data (stream g	auge, moni	toring well, aerial ph	otos, prev	vious inspe	ctions), if a	available: n/a	
	_		·					
1								
	•	ter was pre	sent at the time of th	e delinea	tion, evider	nce of surf	ace soil cracks ir	ndicate that the area ponds water and
supports we	tland hydrology.							
								A : 11A/

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	go, CA Sampling Date: April 23, 2019
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 202
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.552359		Long: -117.020708 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent si				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology			·	· · · · · · · · · · · · · · · · · · ·
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes X	_No	_	aa Camanlad	Avec
Hydric Soil Present? Yes X	No		ne Sampled nin a Wetlan	YAS X NO
Wetland Hydrology Present? Yes X	No	_ """	iii a rrottaii	-
Remarks: The majority of the vegetation on the site had depressions/vernal pools are problematic due to the seand early spring months each year. VEGETATION – Use scientific names of plants	easonality of			es. The vegetation and hydrology of the seasonal ology restricted to the winter and vegetation to the late winter
Table 1 Control of Con	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1. none				That Are OBL, FACW, or FAC: 2 (A)
2. 3.				Total Number of Dominant Species Across All Strata: 2 (B)
				Percent of Dominant Species
T		= Total Cove		That Are OBL, FACW, or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species x 1 =
4				FACW species x 2 =
5				FAC species x 3 =
		= Total Cove	er	FACU species x 4 =
Herb Stratum (Plot size:)			E4 0)4/	UPL species x 5 =
1. Psilocarphus brevissimus	1	N	FACW	Column Totals: (A)(B)
Plagiobothrys acanthocarpus Festuca perennis	8	N	OBL FAC	Prevalence Index = B/A = 3.2
4. Hordeum marinum	10	Y	FAC FAC	Hydrophytic Vegetation Indicators:
5. Lepidium nitidum	10	N	FACW	X Dominance Test is >50%
6			- I AOW	Prevalence Index is ≤3.0¹
				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	22	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:				resistant ryarspriyas regenation (2.p.a)
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic Vegetation
	ver of Biotic			Present? Yes X No No
Remarks: Sample area is a vernal pool that receives ru hydrophytic vegetation, and it also supports two vernal p				p-watershed. The sample area does support a prevalence of thrys acanthocarpus and Psilocarphus brevissimus).

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ires		_				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	<u> </u>	Rei	marks	
0-5	10YR 4/1.5	98	7.5YR 3/3	2	С	М	clay				
5-18	10YR 5/2	100									
							_				
	-						_				
	_										
	_						_				
1 0 0			111111111111111111111111111111111111111				2		DO D 101		
	oncentration, D=Depletion					S			RC=Root Chan		
_	oil Indicators: (Applic	able to all L	•		•				blematic Hyd	iric Solis"	:
	ol (A1) Epipedon (A2)			ledox (S5) Matrix (S					9) (LRR C) 10) (LRR B)		
	Histic (A3)			กับaแน่ (Si ∕lucky Min	,			uced Verti			
	gen Sulfide (A4)			Bleyed Ma					aterial (TF2)		
	ed Layers (A5) (LRR	C)	x Depleted	•	. ,				in Remarks)		
	Muck (A9) (LRR D)	,		ark Surfa				` .	,		
	ted Below Dark Surfac	ce (A11)	Depleted	d Dark Sur	face (F7)						
	Dark Surface (A12)			epression	ıs (F8)			-	ophytic vegeta		
	Mucky Mineral (S1)		Vernal P	ools (F9)				-	ogy must be p		
Sandy	Gleyed Matrix (S4)						unles	s disturbe	d or problema	itic.	
Restrictive	Layer (if present):										
Type: _											
Depth (in	iches):						Hydric Soil F	Present?	Yes X	_ No	
Remarks:	depleted matrix obser	ved									
HYDROLO	OGY										
Wetland F	Hydrology Indicators	;:					S	econdary	Indicators (2	2 or more	required)
Primary In	dicators (minimum of	one required	d; check all that apply	/)				Water N	Marks (B1) (R i	iverine)	
Surfac	ce Water (A1)		Salt Crus	t (B11)				— Sedime	ent Deposits (E	32) (Riveri	ine)
	Vater Table (A2)		X Biotic Cru	-			_		posits (B3) (R	, ,	,
	ation (A3)		Aquatic Ir	, ,	es (B13)		_		ge Patterns (B	-	
Water	Marks (B1) (Nonrive	rine)	Hydrogen	Sulfide C	dor (C1)		_	Dry-Se	ason Water Ta	able (C2)	
l —	nent Deposits (B2) (No				eres along	Living Ro	ots (C3)	Thin Mu	uck Surface (0	27)	
	eposits (B3) (Nonrive	-			ed Iron (C	-	_		h Burrows (C8	-	
X Surfac	ce Soil Cracks (B6)				ion in Tille		6)	_	ion Visible on	-	gery (C9)
Inunda	ation Visible on Aerial	Imagery (B7	') Thin Muc	k Surface	(C7)			Shallow	v Aquitard (D3)	
Water	-Stained Leaves (B9)		Other (Ex	plain in Re	emarks)		_	FAC-Ne	eutral Test (D	5)	
Field Obse	ervations:										
		Yes	No X Depth (inch	nes):							
			No X Depth (inch			_					
Saturation			No X Depth (inch			— Wetla	and Hydrolog	av Preser	nt? Yes	X No	
l .	apillary fringe)					_	,,	,,			
Describe Re	ecorded Data (stream	gauge, mon	itoring well, aerial ph	otos, prev	ious inspe	ctions), if	available: n/a	a		-	
	Although no surface w r and supports wetlan		sent at the time of th	e delineat	ion, evider	nce of surf	race soil crack	ks and bio	itic crusts indic	cate that th	ie area
Polius Walel	and supports wellding	a riyarology.									
LIC Army Co	orns of Engineers								Arid \A/	act _ Varci	on 2 0

oject/Site: Southwest Village Specific Plan City/County: San Diego, CA Sampling Date: April 23, 2019									
Applicant/Owner: Pardee Homes State: CA Sampling Point: 203									
Investigator(s): Beth Procsal, Jamie Sue McBee	Range: Section 31, T18S F	R01W							
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave	Slope (%): 0-2				
Subregion (LRR): LRR-C	Lat:	32.551406		Long: -117.018531	Datum: NAD83				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent				NWI classification	on: None				
Are climatic / hydrologic conditions on the site typical for	r this time of	f year? Yes	X No	o (If no, explain in	Remarks.)				
Are Vegetation X, Soil , or Hydrology									
Are Vegetation Soil X, or Hydrology									
SUMMARY OF FINDINGS – Attach site map s	nowing sa	mpling poli	nt locations	s, transects, importan	t teatures, etc.				
Hydrophytic Vegetation Present? Yes X	_No	_ 1-41	0 1 1	A					
Hydric Soil Present? Yes X	_No		he Sampled nin a Wetlan	VAC)	X No				
Wetland Hydrology Present? Yes X	_No	_ """	iiii a rrotiaii						
Remarks: The majority of the vegetation on the site h	as been dist	urbed due to	past land use	es. This feature was sample	ed during the growing season and				
meets the wetland criteria.		'	•	·					
VEGETATION – Use scientific names of plant		Daminant	la di a atau	Dominance Test works	nho et:				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status						
1. none				Number of Dominant Sp That Are OBL, FACW, o					
2.				Total Number of Domina	. ,				
3.				Species Across All Strat	(D)				
4.				Percent of Dominant Sp					
		= Total Cove	er	That Are OBL, FACW, o	or FAC: <u>100</u> (A/B)				
Sapling/Shrub Stratum (Plot size:)									
1. none				Prevalence Index work					
2.				Total % Cover of:	Multiply by:				
3				OBL species	x 1 =				
4				FACW species					
5				FAC species FACU species					
Herb Stratum (Plot size:)		= Total Cove	31	UPL species	x 5 =				
1. Psilocarphus brevissimus	2	N	FACW	Column Totals:	(A) (B)				
Plagiobothrys acanthocarpus	1	N	OBL						
3. Festuca perennis	20	Y	FAC	Prevalence Inde	x = B/A =				
4. Hordeum murinum	5	N	FACU	Hydrophytic Vegetatio	n Indicators:				
5. Melilotus indicus	5	N	FACU	X Dominance Test i					
6.				Prevalence Index					
7.				Morphological Ad	aptations ¹ (Provide supporting				
8.					ks or on a separate sheet)				
	33	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)				
Woody Vine Stratum (Plot size:)									
1none					il and wetland hydrology must				
2.				be present, unless distr	urbed or problematic.				
		= Total Cove	er	Hydrophytic					
0/ Para Craund in Harb Stratum 67 0/ Co	over of Dietic	Crust		Vegetation	oo V No				
	over of Biotic			Present? Ye					
Remarks: Sample area is a vernal pool that receives r predominately of hydrophytic vegetation, it does suppo									
brevissimus).	t two venial	poor plant int	ander specie	, inglosoninys acaimilloc	arpas and r silosarprius				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	. Matrix	•	Re	dox Featu	res			•
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-18	10YR 4/2	100					clay	no redox
								
							_	<u> </u>
			_					
							-	
								-
¹ Type: C=Cor	ncentration, D=Depletion	RM=Reduced	Matrix CS=Covered	or Coated	Sand Grains	s 2	l ocation: PI =Pore	Lining, RC=Root Channel, M=Matrix.
	Indicators: (Applica							or Problematic Hydric Soils ³ :
Histosol		to u <u>-</u>		Redox (S5)				uck (A9) (LRR C)
	pipedon (A2)			Matrix (S				uck (A10) (LRR B)
	istic (A3)			Mucky Min	,			d Vertic (F18)
	en Sulfide (A4)			Gleyed Ma				rent Material (TF2)
	d Layers (A5) (LRR 0	:)		d Matrix (F				Explain in Remarks)
	uck (A9) (LRR D)	,		ark Surfa	,		(=	,
	d Below Dark Surface	(A11)		d Dark Sur	` '			
	ark Surface (A12)	. ,		epression	` '		³ Indicators o	f hydrophytic vegetation and
Sandy N	Mucky Mineral (S1)			Pools (F9)	•			nydrology must be present,
	Gleyed Matrix (S4)			,				sturbed or problematic.
Restrictive I	Layer (if present):							
Type:								
Depth (incl	hes).		_				Hydric Soil Pres	sent? Yes X No
			_				1	sent? Yes X No e as problematic due to strong indicators
saturation de	epth, saline conditions							y lack hydric soil indicators due to limited
HYDROLOG								and and built at any (0
_	/drology Indicators:		alaaala -U Ala ()					ondary Indicators (2 or more required)
	icators (minimum of c	ne required;		.,				Vater Marks (B1) (Riverine)
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
	ater Table (A2)		Biotic Cru	, ,				Orift Deposits (B3) (Riverine)
Saturati	` '			nvertebrate	, ,			Orainage Patterns (B10)
	Marks (B1) (Nonriver	-		Sulfide C				Ory-Season Water Table (C2)
_	ent Deposits (B2) (No	-			eres along	-		hin Muck Surface (C7)
_	posits (B3) (Nonrive	ine)			ed Iron (C4	-		Crayfish Burrows (C8)
X Surface	Soil Cracks (B6)		Recent In	on Reduct	ion in Tille	d Soils (C	6) 8	Saturation Visible on Aerial Imagery (C9)
	ion Visible on Aerial I	magery (B7)	Thin Muc	k Surface	(C7)		s	Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	plain in Re	emarks)		F	FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Water		es N	lo X Depth (incl	hes):				
Water Table			lo X Depth (incl			-		
Saturation P			lo X Depth (incl				ınd Hydrology F	Present? Yes X No
(includes cap		~ '\	.cDoput (IIIoi	.55)		_ 14000	a riyarology i	100 X NO
	orded Data (stream g	auge, monito	oring well, aerial ph	otos, prev	ious inspe	ctions), if a	available: n/a	
	, ,		- '	• •	•	**		
	•	ter was prese	ent at the time of th	e delineat	ion, eviden	ce of surf	ace soil cracks in	ndicate that the area ponds water and
supports wetla	and hydrology.							

roject/Site: Southwest Village Specific Plan City/County: San Diego, CA Sampling Date: April 23, 2019									
Applicant/Owner: Pardee Homes		State: CA	Sampling Point: 204						
Investigator(s): Beth Procsal, Jamie Sue McBee	Township, R	Range: Section 31, T18S F	R01W						
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%): 0-2				
Subregion (LRR): LRR-C	Lat:	32.554354		Long: -117.018500	Datum: NAD83				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent				NWI classification	on: None				
Are climatic / hydrologic conditions on the site typical for	r this time of	f year? Yes	X No	o (If no, explain in	Remarks.)				
Are Vegetation X, Soil , or Hydrology				· · · · · · · · · · · · · · · · · · ·					
Are Vegetation Soil X, or Hydrology					· · · · · · · · · · · · · · · · · · ·				
SUMMARY OF FINDINGS – Attach site map s	nowing sa	mpling poil	nt locations	s, transects, importan	t teatures, etc.				
Hydrophytic Vegetation Present? Yes X	_No	_ 1- 41	0 1 1	A					
Hydric Soil Present? Yes X	No	-	he Sampled nin a Wetlan	YAC X	X No				
Wetland Hydrology Present? Yes X	_No	_ '''	iiii a vvotiaii	u.					
Remarks: The majority of the vegetation on the site h	as been dist	urbed due to	past land use	es. This feature was samp	led during the growing season an				
meets the wetland criteria.			,						
VEGETATION – Use scientific names of plant									
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works					
1. none	70 OOVCI	Орсоюз:	<u>Otatus</u>	Number of Dominant Sp That Are OBL, FACW, of					
2.				Total Number of Domina					
3.				Species Across All Strat					
4.				Percent of Dominant Sp	pecies				
		= Total Cove	er	That Are OBL, FACW, o	or FAC: 100 (A/B)				
Sapling/Shrub Stratum (Plot size:)									
1. none				Prevalence Index work	sheet:				
2.				Total % Cover of:	Multiply by:				
3				OBL species	x 1 =				
4				FACW species	x 2 =				
5				FAC species					
		= Total Cove	er	FACU species					
Herb Stratum (Plot size:)				UPL species	x 5 =				
Spergularia bocconi	5	Y	FACW	Column Totals:	(A)(B)				
2. Psilocarphus brevissimus	7	Y	FACW_	Prevalence Inde	x = B/A =				
3. Hordeum murinum	2	N	FACU_						
4. Lepidium nitidum	1	N	FAC	Hydrophytic Vegetatio					
5. Festuca perennis		N	FAC	X Dominance Test i					
6. Plagiobothrys acanthocarpus	1	N	OBL	Prevalence Index					
7					aptations ¹ (Provide supporting ks or on a separate sheet)				
8					. ,				
Mandy Vine Stratum (Diet size:	17	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)				
Woody Vine Stratum (Plot size:)				11. dia dana di bandala an	9				
1. none				be present, unless dist	il and wetland hydrology must urbed or problematic				
2				' '					
		= Total Cove	er	Hydrophytic Vegetation					
% Bare Ground in Herb Stratum 83 % Co	over of Biotic	Crust			es X No				
Remarks: Sample area is a vernal pool that receives re	unoff from a	relatively sma	all local micro	 -watershed In addition to t	the vernal pool consisting				
predominately of hydrophytic vegetation, it does suppo									
brevissimus). Leaf litter is present in basin.									

(inches)	Matrix		Re-	dox Feat	ures		_	
(11101100)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-1	10YR 4/2	97 10	YR 5/6	3			clay	redox
0-18	10YR 4/4	100	_				clay	no redox
	_						. <u> </u>	
	_							<u> </u>
		. <u></u>						
¹ Type: C=C	Concentration, D=Depletio	n. RM=Reduced	Matrix. CS=Covered	or Coated	Sand Grains.	2	Location: PL=F	Pore Lining, RC=Root Channel, M=Matrix.
	oil Indicators: (Applic							rs for Problematic Hydric Soils ³ :
•	sol (A1)		Sandy R		•			Muck (A9) (LRR C)
	Epipedon (A2)		Stripped					Muck (A10) (LRR B)
Black	Histic (A3)		Loamy M	∕lucky Mii	neral (F1)		Redu	iced Vertic (F18)
Hydro	gen Sulfide (A4)		Loamy G	Sleyed Ma	atrix (F2)		Red	Parent Material (TF2)
	ied Layers (A5) (LRR	C)	Depleted	,	,		X Othe	r (Explain in Remarks)
	Muck (A9) (LRR D)		Redox D		` '			
	ted Below Dark Surface	ce (A11)			ırface (F7)		31	as as burduanda dia unanatatian and
	Dark Surface (A12) / Mucky Mineral (S1)		Redox D Vernal P					rs of hydrophytic vegetation and nd hydrology must be present,
	/ Gleyed Matrix (S4)		veillai F	0015 (1-9)				s disturbed or problematic.
								e dictalized of problematic.
_	e Layer (if present):							
Type: _			_					
Depth (ir	icries).		_				Hydric Soil I	Present? Yes X No No
HYDROLO		iiiiiled Saluralid	on deptil, saime co	oriditions,	or other lac	iors, write	лттау ткис	le human-caused disturbance.
HONOL	JO 1							
Wetland I	Hydrology Indicators	•					9	ocondary Indicators (2 or more required
	Hydrology Indicators		heck all that annly	Λ			<u>s</u>	econdary Indicators (2 or more required
Primary In	ndicators (minimum of						<u>s</u>	Water Marks (B1) (Riverine)
Primary In	ndicators (minimum of ce Water (A1)		Salt Crust	t (B11)			<u>s</u>	_ Water Marks (B1) (Riverine) _ Sediment Deposits (B2) (Riverine)
Primary In Surface High	ndicators (minimum of ce Water (A1) Water Table (A2)		Salt Crust	t (B11) st (B12)	tos (R13)		<u>s</u> 	Water Marks (B1) (Riverine)Sediment Deposits (B2) (Riverine)Drift Deposits (B3) (Riverine)
Primary In Surface High \ Satura	ndicators (minimum of ce Water (A1) Water Table (A2) ation (A3)	one required; c	Salt Crust Biotic Cru Aquatic In	t (B11) st (B12) overtebra	. ,		<u>s</u> 	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Primary In Surface High \ Satura Water	ndicators (minimum of ce Water (A1) Water Table (A2) ation (A3) r Marks (B1) (Nonrive	one required; c	Salt Crust Biotic Cru Aquatic In Hydrogen	t (B11) st (B12) nvertebra s Sulfide (Odor (C1)	iving Roo		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
Primary In Surface High V Satura Water Sedin	ndicators (minimum of ce Water (A1) Water Table (A2) ation (A3) r Marks (B1) (Nonrive ment Deposits (B2) (No	one required; c	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized	t (B11) st (B12) nvertebra Sulfide (Rhizosph	Odor (C1) eres along L	_		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Primary Ir Surfac High V Satura Water Sedin Drift E	ndicators (minimum of ce Water (A1) Water Table (A2) ation (A3) r Marks (B1) (Nonrive nent Deposits (B2) (No Deposits (B3) (Nonrive	one required; c	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I	t (B11) st (B12) nvertebra Sulfide (Rhizosph	Odor (C1) leres along L ced Iron (C4))		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Primary Ir Surfar High \ Satura Water Sedin Drift L X Surfar	ndicators (minimum of ce Water (A1) Water Table (A2) ation (A3) r Marks (B1) (Nonrivenent Deposits (B2) (Nonrivenent Deposits (B3) (Nonrivenence Soil Cracks (B6)	one required; c rine) onriverine) erine)	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Iro	t (B11) st (B12) nvertebra Sulfide (Rhizosph of Reduc	Odor (C1) teres along Loced Iron (C4) tion in Tilled)		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
Primary Ir Surfac High V Satura Water Sedin Drift E X Surfac	ndicators (minimum of oce Water (A1) Water Table (A2) ation (A3) r Marks (B1) (Nonrivenent Deposits (B2) (Nonrivenent Deposits (B3) (Nonrivenent Deposits (B6) (Nonrivenent Deposits (B	one required; c rine) onriverine) erine)	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized I Presence Recent Iro Thin Mucl	t (B11) ust (B12) uvertebra u Sulfide (Rhizosph of Reduce the Surface	Odor (C1) heres along L ced Iron (C4) httion in Tilled)		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Primary Ir Surfar High \ Satura Water Sedin Drift D X Surfar Inund Water	ndicators (minimum of ce Water (A1) Water Table (A2) ation (A3) r Marks (B1) (Nonrive ment Deposits (B2) (No Deposits (B3) (Nonrive ce Soil Cracks (B6) ation Visible on Aerial r-Stained Leaves (B9)	one required; c rine) onriverine) erine)	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Iro	t (B11) ust (B12) uvertebra u Sulfide (Rhizosph of Reduce the Surface	Odor (C1) heres along L ced Iron (C4) httion in Tilled)		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
Primary Ir Surfar High V Satura Water Sedin Drift D X Surfar Inund Water	ndicators (minimum of ce Water (A1) Water Table (A2) ation (A3) r Marks (B1) (Nonrivenent Deposits (B2) (Nonrivenent Deposits (B3) (Nonrivenent Deposits (B6)) ation Visible on Aerial r-Stained Leaves (B9) ervations:	rine) prriverine) erine) Imagery (B7)	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex	t (B11) st (B12) nvertebra Sulfide (Rhizosph of Reduction Red	Odor (C1) heres along L ced Iron (C4) httion in Tilled)		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
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Primary Ir Surface Water Tab Saturation	ndicators (minimum of oce Water (A1) Water Table (A2) ation (A3) r Marks (B1) (Nonriver oce Soil Cracks (B6) ation Visible on Aerial r-Stained Leaves (B9) ervations: ater Present? Present?	rine) prriverine) prine) Imagery (B7) /es No	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized In Presence Recent Ind Thin Muck Other (Ex	ist (B11) ist (B12) invertebra i Sulfide (Rhizosph of Reduct on Reduct k Surface plain in F	Odor (C1) heres along L ced Iron (C4) httion in Tilled	Soils (C6	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
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Primary Ir Surface Water Sedin Drift E X Surface Inund Water Field Obse Surface W Water Tab Saturation (includes co	ndicators (minimum of oce Water (A1) Water Table (A2) ation (A3) r Marks (B1) (Nonriver oce Soil Cracks (B6) ation Visible on Aerial r-Stained Leaves (B9) ervations: le Present? Present? Present? Present? Although no surface water (A1)	rine) priverine) lmagery (B7) /es No /es No /es No /es No gauge, monitor	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Mucl Other (Ex Depth (inch X Depth (inch X Depth (inch X Depth (inch	it (B11) ist (B12) ivertebra i Sulfide (Rhizosph of Reduct on Reduct k Surface iplain in F ines): ines): ines): ines): ines): ines):	Odor (C1) peres along L ped Iron (C4) stion in Tilled per (C7) Remarks)	Soils (Ce	ots (C3) 6) and Hydrolog	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Ir Surface Water Sedin Drift E X Surface Inund Water Field Obse Surface W Water Tab Saturation (includes co	ndicators (minimum of oce Water (A1) Water Table (A2) ation (A3) r Marks (B1) (Nonriver oce Soil Cracks (B6) ation Visible on Aerial r-Stained Leaves (B9) ervations: ater Present? le Present? Present? papillary fringe) ecorded Data (stream	rine) priverine) lmagery (B7) /es No /es No /es No /es No gauge, monitor	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Mucl Other (Ex Depth (inch X Depth (inch X Depth (inch X Depth (inch	it (B11) ist (B12) ivertebra i Sulfide (Rhizosph of Reduct on Reduct k Surface iplain in F ines): ines): ines): ines): ines): ines):	Odor (C1) peres along L ped Iron (C4) stion in Tilled per (C7) Remarks)	Soils (Ce	ots (C3) 6) and Hydrolog	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Ir Surface High V Satura Water Sedin Drift E X Surface Inund Water Field Obse Surface W Water Tab Saturation (includes c Describe Re	ndicators (minimum of oce Water (A1) Water Table (A2) ation (A3) r Marks (B1) (Nonriver oce Soil Cracks (B6) ation Visible on Aerial r-Stained Leaves (B9) ervations: le Present? Present? Present? Present? Although no surface water (A1)	rine) priverine) lmagery (B7) /es No /es No /es No /es No gauge, monitor	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Mucl Other (Ex Depth (inch X Depth (inch X Depth (inch X Depth (inch	it (B11) ist (B12) ivertebra i Sulfide (Rhizosph of Reduct on Reduct k Surface iplain in F ines): ines): ines): ines): ines): ines):	Odor (C1) peres along L ped Iron (C4) stion in Tilled per (C7) Remarks)	Soils (Ce	ots (C3) 6) and Hydrolog	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Candidate of the Candidate of the

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	_Sampling Date:	4/23/2019			
Applicant/Owner: Tri Point Homes State: CA Sampling Point: 205 nvestigator(s): Beth Procsal, Jamie Sue McBee Section, Township, Range: Section 31, T18S R01W									
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	ange: Section 31, T18S F	R01W				
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slope	· (%): 0-2			
Subregion (LRR): C - Mediterranean California	Lat: 3	32.55428		Long: -117.01845	 Datum	: NAD83			
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification	on: None				
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in	Remarks.)				
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstance		X No			
Are Vegetation Soil X, or Hydrology				(If needed, explain any ans	swers in Remarks.)			
						,			
SUMMARY OF FINDINGS – Attach site map sh	owing sai	inpling poli	nt locations	s, transects, importan	t leatures, etc.				
Hydrophytic Vegetation Present? Yes X	_No		ha Camplad	Awaa					
Hydric Soil Present? Yes X	_No		he Sampled . hin a Wetland	YAC	X No				
Wetland Hydrology Present? Yes X	No	_							
Remarks: The majority of the vegetation on the site ha	ıs been distı	urbed due to	past land use	es. This feature was samp	led during the grov	wing season and			
meets the wetland criteria.						_			
VEGETATION – Use scientific names of plants		Dominant	Indicator	Dominance Test works	ahaat:				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Status	Number of Dominant Sp					
1. none				That Are OBL, FACW, of		1 (A)			
2.				Total Number of Domina	ant				
3				Species Across All Strat		1 (B)			
4				Percent of Dominant Sp That Are OBL, FACW, of		100 (A/B)			
		= Total Cove	er	That Are ODL, FACW, C) FAC	<u>00 (</u> (A(B)			
Sapling/Shrub Stratum (Plot size:)									
1. none				Prevalence Index work					
2.				Total % Cover of:	Multiply				
3				OBL species	x 1 =				
4				FAC species					
5				FAC species FACU species					
Herb Stratum (Plot size:)		= Total Cove	er	FACU species UPL species	x 5 =				
1. Plantago elongata	2	No	OBL	Column Totals:	(A)	(B)			
2. Psilocarphus brevissimus	25	Yes	FACW		(, ,	(2)			
3. Hordeum murinum	1	No	FACU	Prevalence Inde	ex = B/A =				
4. Spergularia bocconi	1	No	FACW	Hydrophytic Vegetation	n Indicators:				
5. Lythrum hyssopifolia	1	No	OBL	X Dominance Test i					
6.		-		Prevalence Index					
7.				Morphological Ad	laptations¹ (Provide	e supporting			
8.					ks or on a separat				
	30	= Total Cov	ver	Problematic Hydr	ophytic Vegetation	ո¹ (Explain)			
Woody Vine Stratum (Plot size:									
1none				¹ Indicators of hydric so					
2.				be present, unless dist	urbed or problema	itic.			
		= Total Cove	er	Hydrophytic	-				
9/ Para Craund in Harb Stratum 70 9/ Ca	var of Diatio	Crust	0	Vegetation Present?	aa V Na				
	ver of Biotic		0		es X No				
Remarks: Sample area is a vernal pool that receives ru predominately of hydrophytic vegetation, it does suppor									
producting of Hydrophydio Yogotadion, it does suppor	voillai	poor plant lin	aloutor opcole	o (1 olloodipiluo bioviosiiii	as and i lantago e	iongala).			

Profile Desc	ription: (Describe to	the depth	needed to docum	ent the inc	dicator or	confirm	the absence	of indi	cators.)		
Depth	Matrix			edox Featu							
(inches)	Color (moist)	%	Color (moist)		Type ¹	Loc ²	Texture	<u>e</u>		Remark	. <u>s</u>
0-1	10YR 3/3	100					clay	<u>r</u>	no redox		
1-4	10YR 3/3	99	10YR 4/4	1	<u> </u>	М	sandy clay	<u>/ r</u>	edox		
4-18	10YR 4/3	100					sandy clay	<u>y r</u>	no redox		
				-							
							_				
17		- DM-D-du-			010		21	D I ::	DO-D-		
	Indicators: (Application)		·			S.	Location: PL=F		<u> </u>	tic Hydric S	
Histosol	٠	able to all L	•	Redox (S5)	•				(A9) (LRF	-	, on s
	oipedon (A2)			d Matrix (S					(A3) (LR) (A10) (LR		
	istic (A3)			Mucky Min	,				ertic (F18)	-	
	en Sulfide (A4)			Gleyed Ma					Material (,	
	d Layers (A5) (LRR (C)		ed Matrix (F					ain in Ren	` '	
1 cm Mu	uck (A9) (LRR D)	,	Redox	Dark Surfac	cé (F6)			` '		,	
Deplete	d Below Dark Surfac	e (A11)	Deplete	ed Dark Sur	face (F7)						
Thick Da	ark Surface (A12)		Redox	Depression	s (F8)		³ Indicato	rs of hy	drophytic	vegetation	and
	/lucky Mineral (S1)		Vernal	Pools (F9)				,	0,	ıst be prese	nt,
Sandy C	Gleyed Matrix (S4)						unles	ss distu	bed or pro	oblematic.	
Restrictive I	Layer (if present):										
Type:											
Depth (inc	hes):						Hydric Soil	Presen	t? Ye	es X	No
Remarks: re	dox observed in sec	ond laver, bu	ut insufficient amou	ınt to meet	hvdric soil	indicator.	However, hy	/dric soi	ls are ass	umed here	as problematic
due to strong	indicators of hydrop	hytic vegeta	tion and wetland h	ydrology. T	his feature	is a vern	al pool that is	s seaso	nally pond		
indicators du	e to limited saturation	n depth, sali	ne conditions, or of	ther factors	, which ma	y include	human-caus	ed dist	ırbance.		
HYDROLOG	Y										
	drology Indicators:							Sacond	ary Indic	ators (2 or	more required)
	cators (minimum of		check all that ann	dv)			<u> </u>			(B1) (Riveri	
	Water (A1)	nie required	Salt Cru	• ,					,	oosits (B2) (I	•
	ater Table (A2)			rust (B12)			_			(B3) (River	
Saturati	` '			Invertebrate	es (B13)		_		•	erns (B10)	ille)
	//arks (B1) (Nonriver	ino\		n Sulfide O			_		-	Vater Table	(C2)
I —	nt Deposits (B2) (No			l Rhizosphe		Livina Ro				rface (C7)	(02)
	posits (B3) (Nonrive	,		e of Reduc	_	_			fish Burro		
l —	Soil Cracks (B6)	11110)		ron Reduct	-	•	<u>–</u>				al Imagery (C9)
	ion Visible on Aerial I	magery (B7		ck Surface		u 00110 (0	_		llow Aquita		ar irriagory (00)
	Stained Leaves (B9)	magery (br		xplain in Re	-		_		-Neutral T	. ,	
	. ,						_				
Field Obser Surface Wat		'oc	No. Y. Donth (in	choc):							
Water Table			No X Depth (inc No X Depth (inc			_					
Saturation P			No X Depth (inc				and Hydrolo	av Pro	sont?	Voc Y	No
(includes cap		es	No X Deptil (illi	Jiles)		— well	anu nyuroio	gy Fre	sent?	Yes X	_110
-	orded Data (stream o	auge, moni	oring well, aerial p	hotos, prev	ious inspe	ctions). if	available:				
		,g-,		, μ		,,					
	hough no surface wa	ter was pres	ent at the time of t	he delineat	ion, evider	nce of sur	face soil crac	ks indic	ate that th	ne area sup	ports wetland
hydrology.											

Project/Site: Southwest Village Specific Plan		City/Cou	nty: San Dieg	o, CA	_Sampling Date:	April 23, 2019		
Applicant/Owner: Pardee Homes State: CA Sampling Point: 206								
Investigator(s): Beth Procsal,Jamie Sue McBee		Section	, Township, R	ange: Section 31, T18S F	R01W			
Landform (hillslope, terrace, etc.): mesa top		Local re	elief (concave,	convex, none): concave	Slop	e (%): <u>0-2</u>		
Subregion (LRR): LRR-C	Lat: <u>3</u>	32.550441		Long: <u>-117.017843</u>	Datun	n: <u>NAD83</u>		
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classificatio	on: None			
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	. <u>X</u> No	(If no, explain in	Remarks.)			
Are Vegetation X, Soil , or Hydrology	signifi	cantly distur	bed? Yes	Are "Normal Circumstance	es" present? Yes	XNo		
Are Vegetation, Soil, or Hydrology	natura	ally problema	atic? Yes	(If needed, explain any ans	swers in Remarks	i.)		
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poi	int locations	s, transects, important	t features, etc.			
Hydrophytic Vegetation Present? Yes X	_No	_ le f	he Sampled	Aroa				
Hydric Soil Present? Yes X	_No	'''	hin a Wetland	Yes X	X No			
Wetland Hydrology Present? Yes X	_No	_						
Remarks: The majority of the vegetation on the site had meets the wetland criteria. VEGETATION – Use scientific names of plants			past land use			ving coacon and		
To a Otratama (District	Absolute	Dominant	Indicator	Dominance Test works	sheet:			
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Sp		4 (4)		
2.				That Are OBL, FACW, o Total Number of Domina		_1(A)		
3				Species Across All Strat		1(B)		
4		= Total Cov	er	Percent of Dominant Sp That Are OBL, FACW, o		100 (A/B)		
Sapling/Shrub Stratum (Plot size:) 1. none				Prevalence Index work	roboot:			
2.				Total % Cover of:	Multip	lv bv		
				OBL species	x 1 =	· · · · · · · · · · · · · · · · · · ·		
				FACW species	x 2 =			
5.		-		FAC species	x 3 =			
		= Total Cov	er	FACU species	x 4 =			
Herb Stratum (Plot size:				UPL species	x 5 =			
Psilocarphus brevissimus	60	Y	FACW	Column Totals:	(A)	(B)		
2. Plagiobothrys acanthocarpus	1	N	OBL	Prevalence Inde:	x = B/A =			
3. Festuca perennis	3	N	FAC					
4. Hordeum murinum	5	N	FACU	Hydrophytic Vegetatio	n Indicators:			
5. Lepidium latipes	1	N	FACW	_X Dominance Test is	s >50%			
6				Prevalence Index				
7				Morphological Ada	aptations¹ (Provid ks or on a separa			
8					•	,		
Woody Vine Stratum (Plot size:)	70	= Total Co	ver	Problematic Hydro	ophytic Vegetatioi	n' (Explain)		
				¹ Indicators of hydric soi	il and watland by	drology must		
1. <u>none</u> 2.				be present, unless dist				
Z		= Total Cov	er	Hydrophytic	<u> </u>			
	ver of Biotic			Vegetation Present? Ye				
Remarks: Sample area is a vernal pool that receives ru predominately of hydrophytic vegetation, it does suppor brevissimus).								

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix	•	Re	dox Featu	ires			•
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-3	10YR 4/1	99	10YR 4/6	1	С	RC	sandy clay	redox
3-18	10YR 4/1	100					clay	no redox
	10111111			-				
	-			-	· ——			
							- '	
					· —— ·			
1						2		
	ncentration, D=Depletion					S. ²		re Lining, RC=Root Channel, M=Matrix.
=	Indicators: (Applica	able to all						for Problematic Hydric Soils ³ :
Histosol	` '			Redox (S5)				Muck (A9) (LRR C)
	pipedon (A2) istic (A3)			Matrix (S	-			Muck (A10) (LRR B)
	en Sulfide (A4)			∕lucky Min Sleyed Ma				ed Vertic (F18) arent Material (TF2)
	d Layers (A5) (LRR (:)	x Depleted	-				Explain in Remarks)
	uck (A9) (LRR D)	,		ark Surfa	,		<u></u>	Explain in Remarko)
	d Below Dark Surface	e (A11)		d Dark Su	` '			
	ark Surface (A12)	, ,		epression			³ Indicators	of hydrophytic vegetation and
Sandy N	Mucky Mineral (S1)		Vernal P	ools (F9)			wetland	hydrology must be present,
Sandy 0	Gleyed Matrix (S4)						unless	disturbed or problematic.
Restrictive	Layer (if present):							
Type:	,							
Depth (inc	hes):						Hydric Soil Pre	esent? Yes X No
	ydric soil indicator (de							
HYDROLOG	GY							
Wetland Hy	drology Indicators:						Sec	condary Indicators (2 or more required)
Primary Indi	icators (minimum of c	ne require	d; check all that apply	y)				Water Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
—— High W	ater Table (A2)		Biotic Cru					Drift Deposits (B3) (Riverine)
Saturati			Aquatic Ir	nvertebrate	es (B13)			Drainage Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydroger	Sulfide C	odor (C1)			Dry-Season Water Table (C2)
	ent Deposits (B2) (No	-			eres along	Living Ro		Thin Muck Surface (C7)
Drift De	posits (B3) (Nonrive	rine)	Presence	of Reduc	ed Iron (C4	·)		Crayfish Burrows (C8)
X Surface	Soil Cracks (B6)		Recent In	on Reduct	ion in Tille	d Soils (C	6)	Saturation Visible on Aerial Imagery (C9)
Inundat	ion Visible on Aerial I	magery (B	7) Thin Muc	k Surface	(C7)			Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	plain in R	emarks)			FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		e s	No X Depth (incl	nes).				
Water Table		es				_		
Saturation P		es	No X Depth (incl				and Hydrology	Present? Yes X No
(includes cap			No X Bopan (into			_ Wall	a riyarology	100 <u>X</u> 10
	orded Data (stream o	auge, mor	nitoring well, aerial ph	otos, prev	ious inspe	ctions), if	available: n/a	
	•	ter was pre	esent at the time of th	e delineat	ion, eviden	ce of surf	ace soil cracks	indicate that the area ponds water and
supports wett	and hydrology.							

oject/Site: Southwest Village Specific Plan City/County: San Diego, CA Sampling Date: April 23, 2019									
Applicant/Owner: Pardee Homes State: CA Sampling Point: 207									
Investigator(s): Beth Procsal, Jamie Sue McBee	Range: Section 31, T18S R	R01W							
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%): 0-2				
Subregion (LRR): LRR-C	Lat:	32.549948		Long: -117.018225	Datum: NAD83				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classificatio	n: None				
Are climatic / hydrologic conditions on the site typical fo	r this time of	f year? Yes	X No	(If no, explain in	Remarks.)				
Are Vegetation X, Soil , or Hydrology									
Are Vegetation Soil X, or Hydrology									
SUMMARY OF FINDINGS – Attach site map sl	lowing sa		iii iocalioni	s, transects, important	l leatures, etc.				
Hydrophytic Vegetation Present? Yes X	_No	_ le ti	he Sampled	Aroa					
Hydric Soil Present? Yes X	_No	-	nin a Wetlan	Y 2Q X	< No				
Wetland Hydrology Present? Yes X	_No	_							
Remarks: The majority of the vegetation on the site had meets the wetland criteria.	as been dist	urbed due to	past land use	s. This feature was sample	ed during the growing season and				
VEGETATION – Use scientific names of plants	S. Absolute	Dominant	Indicator	Dominance Test works	choot:				
Tree Stratum (Plot size:	% Cover		Status	Number of Dominant Sp					
1. none				That Are OBL, FACW, o					
2.				Total Number of Domina	ant				
3				Species Across All Strata	(D)				
4				Percent of Dominant Sports Are OBL, FACW, o					
		= Total Cove	er	That Are OBL, FACVV, 0	11AC(AB)				
Sapling/Shrub Stratum (Plot size:)									
1. none				Prevalence Index work					
2				Total % Cover of:	Multiply by:				
3				OBL species	x 1 =				
4				FACW species	_				
5		= Total Cove		FACU species					
Herb Stratum (Plot size:)		- Total Cove	5 1	UPL species	x 5 =				
1. Psilocarphus brevissimus	1	Υ	FACW	Column Totals:	(A) (B)				
2. Plagiobothrys acanthocarpus	1	Y	OBL						
3. Spergularia bocconi	1	Y	FACW	Prevalence Index	x = B/A =				
4. Matricaria discoidea	1	Υ	FACU	Hydrophytic Vegetation	n Indicators:				
5. Hordeum murinum	1	Y	FACU	X Dominance Test is	s >50%				
6.				Prevalence Index	is ≤3.0¹				
7.				Morphological Ada	aptations¹ (Provide supporting				
8.				data in Remark	ks or on a separate sheet)				
	5	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)				
Woody Vine Stratum (Plot size:)									
1. <u>none</u>					il and wetland hydrology must				
2				be present, unless distu	urbed or problematic.				
		= Total Cove	er	Hydrophytic Vegetation	1				
	over of Biotic			Present? Ye					
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does support									
brevissimus). Leaf litter is present in basin.									

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			Redox Feat	1162		_	
inches)	Color (moist)	%	Color (moist)	%	_Type ¹	Loc ²	Texture	Remarks
-18	10YR 4/2	100					sandy clay	no redox
	-							_
	·							
				_				<u> </u>
		- ——						
								_
				_				
								
								_
•	oncentration, D=Depletion					s. ²		e Lining, RC=Root Channel, M=Matrix.
lydric Soi	I Indicators: (Applic	able to all L	LRRs, unless other	erwise note	ed.)		Indicators	for Problematic Hydric Soils ³ :
Histoso	ol (A1)			Redox (S5			1 cm M	luck (A9) (LRR C)
Histic E	Epipedon (A2)		Strippe	ed Matrix (S	66)		2 cm M	luck (A10) (LRR B)
Black H	Histic (A3)		Loamy	/ Mucky Mir	neral (F1)		Reduce	ed Vertic (F18)
Hydrog	en Sulfide (A4)		Loamy	/ Gleyed Ma	atrix (F2)		Red Pa	rent Material (TF2)
Stratifie	ed Layers (A5) (LRR	C)	Deplet	ed Matrix (I	- 3)		X Other (Explain in Remarks)
1 cm M	luck (A9) (LRR D)	,	Redox	Dark Surfa	ce (F6)			,
	ed Below Dark Surfac	ce (A11)	Deplet	ted Dark Su	rface (F7)			
	Oark Surface (A12)	,	Redox	Depressio	ns (F8)		³ Indicators	of hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)	` '			hydrology must be present,
	Gleyed Matrix (S4)							disturbed or problematic.
	Layer (if present):							
Type:								
etland hyd	No redox features ob	s a vernal po	ool that is seasona	lly ponded	and may la			esent? Yes X No ndicators of hydrophytic vegetation and ue to limited saturation depth, saline
demarks: Note that the demarks: Note that the demarks in the demarks: Note that the demarks in the demarks: Note that the demarks in the demarks: Note the demarks in the d	No redox features ob trology. This feature i or other factors, whic	s a vernal po	ool that is seasona	lly ponded	and may la		due to strong	ndicators of hydrophytic vegetation and
demarks: Note that the second	No redox features obstrology. This feature is or other factors, which	s a vernal po h may includ	ool that is seasona	lly ponded	and may la		due to strong i	ndicators of hydrophytic vegetation and ue to limited saturation depth, saline
Remarks: Novetland hydronditions, of the conditions of the conditi	No redox features obstrology. This feature is or other factors, which	s a vernal po h may includ	ool that is seasona de human-caused d	lly ponded a	and may la		due to strong ioil indicators di	ndicators of hydrophytic vegetation and ue to limited saturation depth, saline
Remarks: Netland hydonditions, of the VDROLO Wetland Hermary Inc.	or redox features ob- drology. This feature is or other factors, whice GY ydrology Indicators dicators (minimum of	s a vernal po h may includ	ool that is seasona de human-caused o de human-caused o d; check all that ap	lly ponded a disturbance	and may la		s due to strong i coil indicators di	ndicators of hydrophytic vegetation and ue to limited saturation depth, saline soundary Indicators (2 or more require Water Marks (B1) (Riverine)
Remarks: Novetland hydronditions, of the Markettand Horizontal Hor	No redox features obstrology. This feature is or other factors, which	s a vernal po h may includ	ool that is seasona de human-caused o de human-caused o d; check all that ap	lly ponded a	and may la		s due to strong i coil indicators di	ndicators of hydrophytic vegetation and ue to limited saturation depth, saline
Remarks: Novetland hydronditions, of the conditions, of the conditions of the condit	or redox features ob- drology. This feature is or other factors, whice GY ydrology Indicators dicators (minimum of	s a vernal po h may includ	ool that is seasona de human-caused o de human-caused o d; check all that ap	lly ponded a disturbance	and may la		s due to strong i coil indicators di	ndicators of hydrophytic vegetation and ue to limited saturation depth, saline soundary Indicators (2 or more require Water Marks (B1) (Riverine)
Remarks: Novetland hydronditions, of the conditions, of the conditions of the condit	GY ydrology Indicators dicators (minimum of e Water (A1)	s a vernal po h may includ	d; check all that ap Salt Cru X Biotic C	lly ponded a disturbance	and may la		s due to strong i coil indicators di	ndicators of hydrophytic vegetation and ue to limited saturation depth, saline condary Indicators (2 or more require) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Remarks: Novetland hydronditions, of the conditions of the conditi	GY ydrology Indicators dicators (minimum of e Water (A1) //ater Table (A2) tion (A3)	s a vernal po h may includ s: one required	d; check all that ap Salt Cru X Biotic C	ply) ust (B11) crust (B12)	es (B13)		s due to strong i coil indicators di	ndicators of hydrophytic vegetation and ue to limited saturation depth, saline condary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
YDROLO Wetland H Primary Inc Surface High W Saturat Water	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive	s a vernal po h may includ s: one required rine)	d; check all that ap Salt Cru X Biotic C Aquatic Hydrog	ply) set (B11) crust (B12) Invertebrate en Sulfide (ees (B13)	ck hydric s	s due to strong i coil indicators di	ndicators of hydrophytic vegetation and ue to limited saturation depth, saline sondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
YDROLO Wetland H Primary Inc Surface High W Saturat Water Sedime	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No	s a vernal pont included in may included in may included in may include in may in	d; check all that ap Salt Cru X Biotic C Aquatic Hydrog Oxidize	ply) ust (B11) crust (B12) Invertebrate en Sulfide (d Rhizosph	ees (B13) Odor (C1) eres along	ck hydric s	Sec Sec Sec Sec Sec Sec Sec Sec	ndicators of hydrophytic vegetation and ue to limited saturation depth, saline sondary Indicators (2 or more require) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
YDROLO Wetland H Primary Inc Surface High W Saturat Water I Sedime	GY ydrology Indicators dicators (minimum of e Water (A1) //ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No	s a vernal pont included in may included in may included in may include in may in	d; check all that ap Salt Cru X Biotic C Aquatic Hydrog Oxidize Presence	ply) ust (B11) crust (B12) class (B12) class (B14) class (B15) class (B16) cl	ees (B13) Odor (C1) eres along ced Iron (C	ck hydric s Living Roo 4)	Second Se	ndicators of hydrophytic vegetation and ue to limited saturation depth, saline condary Indicators (2 or more require) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
YDROLO Wetland H Primary Inc Surface High W Satural Water Sedime Drift De X Surface	GY ydrology Indicators dicators (minimum of e Water (A1) //der Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B3) (Nonrive e Soil Cracks (B6)	s a vernal point may include the may include t	d; check all that ap Salt Cru X Biotic C Aquatic Hydrog Oxidize Present Recent	ply) ust (B11) crust (B12) Invertebrate of Reduction Reduction	res (B13) Odor (C1) eres along ced Iron (C	ck hydric s Living Roo 4)	Second Se	ndicators of hydrophytic vegetation and ue to limited saturation depth, saline condary Indicators (2 or more require) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C
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YDROLO Wetland H Primary Inc Surface High W Saturar Water Sedime Drift De X Surface Inunda Water-	GY ydrology Indicators dicators (minimum of e Water (A1) //ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9)	s a vernal point in may include the may be a may be may be a m	d; check all that ap Salt Cru X Biotic C Aquatic Hydrog Oxidize Present Recent Thin Mu	ply) ust (B11) crust (B12) Invertebrate en Sulfide (d Rhizosph ce of Reduc	ees (B13) Odor (C1) eres along ced Iron (C- tion in Tille	ck hydric s Living Roo 4)	Second Se	ndicators of hydrophytic vegetation and ue to limited saturation depth, saline condary Indicators (2 or more require) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3)
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ject/Site: Southwest Village Specific Plan City/County: San Diego, CA Sampling Date: April 23, 2019									
Applicant/Owner: Pardee Homes	State: CA Sampling Point: 208								
Investigator(s): Beth Procsal, Jamie Sue McBee	Township, R	Range: Section 31, T18S R01W							
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat:	32.549853		Long: -117.017305 Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None					
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)					
Are Vegetation X, Soil , or Hydrology									
				(If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map sh	lowing Sa	inping pon	iii iocationi	s, transects, important leatures, etc.					
Hydrophytic Vegetation Present? Yes X	_No	_	aa Cammiad	A vo. o					
Hydric Soil Present? Yes X	_No	I	he Sampled nin a Wetlan	YAS X NO					
Wetland Hydrology Present? Yes X	No	_							
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	es. This feature was sampled during the growing season and					
meets the wetland criteria.									
VEGETATION – Use scientific names of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:					
Tree Stratum (Plot size:	% Cover		Status	Number of Dominant Species					
1. none				That Are OBL, FACW, or FAC: 1 (A)					
2				Total Number of Dominant					
3				Species Across All Strata: 2 (B)					
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 50 (A/B)					
		= Total Cove	er	That Are OBL, FACW, OF FAC.					
Sapling/Shrub Stratum (Plot size:)									
1. none				Prevalence Index worksheet:					
2				Total % Cover of: Multiply by:					
3				OBL species25 x 1 =25 FACW species 1					
4				FACW species1 x 2 =2 FAC species 8					
5		= Total Cove		FACU species 15 x 4 = 60					
Herb Stratum (Plot size:)		- Total Cove	3 1	UPL species 0 x 5 = 0					
1. Psilocarphus brevissimus	1	N	FACW	Column Totals: 49 (A) 111 (B)					
2. Plagiobothrys acanthocarpus	25	Y	OBL						
3. Festuca perennis	3	N	FAC	Prevalence Index = B/A = 2.3					
4. Hordeum murinum	15	Y	FACU	Hydrophytic Vegetation Indicators:					
5. Lepidium nitidum	5	N	FAC	Dominance Test is >50%					
6.				X Prevalence Index is ≤3.0¹					
7.				Morphological Adaptations ¹ (Provide supporting					
8.				data in Remarks or on a separate sheet)					
	49	= Total Cov	/er	Problematic Hydrophytic Vegetation¹ (Explain)					
Woody Vine Stratum (Plot size:)									
1. <u>none</u>				¹ Indicators of hydric soil and wetland hydrology must					
2				be present, unless disturbed or problematic.					
		= Total Cove	er	Hydrophytic					
% Bare Ground in Herb Stratum 51 % Co	ver of Biotic	Cruet		Vegetation Present? Yes X No					
			all la a -1 : -1						
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does suppor									
brevissimus). Leaf litter is present in basin.				, , , , , , , , , , , , , , , , , , , ,					

Depth _	Matrix			Features			
(inches)	Color (moist)	%	Color (moist)	% Type ¹	Loc ²	Texture	Remarks
D-18	10YR 4/2	100				clay	no redox
				·			
				<u> </u>			-
				·			
		-	d Matrix, CS=Covered or C		s. ² Lo		Lining, RC=Root Channel, M=Matrix.
Hydric Soil I	Indicators: (Applic	cable to all LF	RRs, unless otherwise	noted.)		Indicators fo	r Problematic Hydric Soils ³ :
Histosol	(A1)		Sandy Redox	(S5)		1 cm Mu	ck (A9) (LRR C)
	pipedon (A2)		Stripped Mat	` '			ck (A10) (LRR B)
Black His	` '			y Mineral (F1)			Vertic (F18)
	n Sulfide (A4)		Loamy Gleye				ent Material (TF2)
	l Layers (A5) (LRR	C)	Depleted Mar	` '		X Other (Ex	rplain in Remarks)
	ck (A9) (LRR D)		Redox Dark S	` '			
	l Below Dark Surfa	ce (A11)		k Surface (F7)			
	ark Surface (A12)		Redox Depre	` '			hydrophytic vegetation and
	lucky Mineral (S1)		Vernal Pools	(F9)			ydrology must be present,
Sandy G	leyed Matrix (S4)					unless dis	sturbed or problematic.
Restrictive L	ayer (if present):						
Type:			_				
Depth (inch	nes):				H	Hydric Soil Pres	ent? Yes X No
IYDROLOG	Υ						
Wetland Hyd	drology Indicators):				Seco	ndary Indicators (2 or more require
Primary Indic	cators (minimum of	one required;	check all that apply)			w	/ater Marks (B1) (Riverine)
Surface \	Water (A1)		Salt Crust (B1	1)		S	ediment Deposits (B2) (Riverine)
— High Wa	ater Table (A2)		X Biotic Crust (B	12)			rift Deposits (B3) (Riverine)
Saturatio			Aquatic Invert	•			rainage Patterns (B10)
	larks (B1) (Nonrive	rine)	Hydrogen Sulf				ry-Season Water Table (C2)
	nt Deposits (B2) (N o			ospheres along	Livina Root		nin Muck Surface (C7)
Sedimen				-	_		
	, ,	•		educed Iron (C4	1)	C	ravfish Burrows (CB)
Drift Dep	oosits (B3) (Nonrive	•	Presence of R		-		rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9
Drift Dep	oosits (B3) (Nonriv e Soil Cracks (B6)	erine)	Presence of R Recent Iron R	eduction in Tille	-	S	aturation Visible on Aerial Imagery (CS
Drift Dep X Surface	posits (B3) (Nonriv o Soil Cracks (B6) on Visible on Aerial	erine) Imagery (B7)	Presence of R Recent Iron R Thin Muck Su	eduction in Tilled	-	s	aturation Visible on Aerial Imagery (CS hallow Aquitard (D3)
Drift Dep X Surface	oosits (B3) (Nonriv e Soil Cracks (B6)	erine) Imagery (B7)	Presence of R Recent Iron R	eduction in Tilled	-	s	aturation Visible on Aerial Imagery (CS
Drift Dep X Surface Surface Inundation Water-St	posits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations:	erine) Imagery (B7)	Presence of R Recent Iron R Thin Muck Su Other (Explain	eduction in Tilled face (C7) in Remarks)	d Soils (C6)	s	aturation Visible on Aerial Imagery (Co hallow Aquitard (D3)
Drift Dep X Surface (Inundation Water-St	posits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations: er Present?	erine) Imagery (B7) Yes N	Presence of R Recent Iron R Thin Muck Su Other (Explain	eduction in Tille face (C7) in Remarks)	d Soils (C6)	s	aturation Visible on Aerial Imagery (CS hallow Aquitard (D3)
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Drift Dep X Surface : Inundation Water-St Field Observ Surface Water Water Table F Saturation Pre	posits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations: er Present? Present?	erine) Imagery (B7) Yes N Yes N	Presence of R Recent Iron R Thin Muck Su Other (Explain	eduction in Tilled face (C7) in Remarks)	d Soils (C6)	s	aturation Visible on Aerial Imagery (Contain the Adultard (D3) AC-Neutral Test (D5)
Drift Dep X Surface : Inundation Water-St Field Observ Surface Water Water Table F Saturation Presidence Capital Cap	posits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations: er Present? Present? esent? illary fringe)	Yes N Yes N	Presence of R Recent Iron R Thin Muck Sui Other (Explain Io X Depth (inches): Io X Depth (inches): Io X Depth (inches):	eduction in Tiller face (C7) in Remarks)	d Soils (C6)	SI S	aturation Visible on Aerial Imagery (Contains Aquitard (D3) AC-Neutral Test (D5)
Drift Dep X Surface : Inundation Water-St Field Observ Surface Water Water Table F Saturation Presidence Capital Cap	posits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations: er Present? Present? esent? illary fringe)	Yes N Yes N	Presence of R Recent Iron R Thin Muck Sui Other (Explain Io X Depth (inches): Depth (inches):	eduction in Tiller face (C7) in Remarks)	d Soils (C6)	SI S	aturation Visible on Aerial Imagery (Contains Aquitard (D3) AC-Neutral Test (D5)
Drift Dep X Surface : Inundation Water-St Field Observ Surface Wate Water Table F Saturation Pre (includes capi	posits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations: er Present? Present? esent? illary fringe)	Yes N Yes N	Presence of R Recent Iron R Thin Muck Sui Other (Explain Io X Depth (inches): Io X Depth (inches): Io X Depth (inches):	eduction in Tiller face (C7) in Remarks)	d Soils (C6)	SI S	aturation Visible on Aerial Imagery (Contain and Adultard (D3) AC-Neutral Test (D5)
Drift Dep X Surface : Inundation Water-St Field Observ Surface Wate Water Table F Saturation Pre (includes capillescribe Reco	posits (B3) (Nonrivo Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations: er Present? Present? esent? esent? illary fringe)	erine) Imagery (B7) Yes N Yes N Yes N gauge, monito	Presence of R Recent Iron R Thin Muck Sui Other (Explain Io X Depth (inches): Io x Depth (in	eduction in Tilled face (C7) in Remarks)	Wetlan	SI S	aturation Visible on Aerial Imagery (Contain Advisor (Contain Active Act
Drift Dep X Surface : Inundation Water-St Field Observ Surface Wate Water Table F Saturation Pre (includes capillescribe Reco	posits (B3) (Nonrivo Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations: er Present? Present? esent? esent? illary fringe)	Yes N Yes N Yes N gauge, monito	Presence of R Recent Iron R Thin Muck Sui Other (Explain Io X Depth (inches): Io x Depth (in	eduction in Tilled face (C7) in Remarks)	Wetlan	SI S	aturation Visible on Aerial Imagery (Contain and Adultard (D3) AC-Neutral Test (D5)
Drift Dep X Surface : Inundation Water-St Field Observ Surface Water Water Table F Saturation Pre (includes capil escribe Reco	posits (B3) (Nonrivo Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations: er Present? Present? esent? esent? illary fringe) orded Data (stream	Yes N Yes N Yes N gauge, monito	Presence of R Recent Iron R Thin Muck Sui Other (Explain Io X Depth (inches): Io x Depth (in	eduction in Tilled face (C7) in Remarks)	Wetlan	SI S	aturation Visible on Aerial Imagery (Challow Aquitard (D3) AC-Neutral Test (D5) resent? Yes X No
Drift Dep X Surface : Inundation Water-St Field Observ Surface Water Vater Table F Saturation Pre Cincludes capi escribe Recommendation emarks: Alth	posits (B3) (Nonrivo Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations: er Present? Present? esent? esent? illary fringe) orded Data (stream	Yes N Yes N Yes N gauge, monito	Presence of R Recent Iron R Thin Muck Sui Other (Explain Io X Depth (inches): Io x Depth (in	eduction in Tilled face (C7) in Remarks)	Wetlan	SI S	aturation Visible on Aerial Imagery (Challow Aquitard (D3) AC-Neutral Test (D5) resent? Yes X No
Drift Dep X Surface : Inundation Water-St Field Observ Surface Wate Water Table F Saturation Pre (includes caping) Describe Reco	posits (B3) (Nonrivo Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations: er Present? Present? esent? esent? illary fringe) orded Data (stream	Yes N Yes N Yes N gauge, monito	Presence of R Recent Iron R Thin Muck Sui Other (Explain Io X Depth (inches): Io x Depth (in	eduction in Tilled face (C7) in Remarks)	Wetlan	SI S	aturation Visible on Aerial Imagery (Cshallow Aquitard (D3) AC-Neutral Test (D5)

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA	Sampling Date: April 23, 2019
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 209
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	Range: Section 31, T18S F	R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:	32.549652		Long: -117.017107	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent				NWI classification	on: None
Are climatic / hydrologic conditions on the site typical for	or this time of	f year? Yes	X No	o (If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology				·	
Are Vegetation Soil X, or Hydrology	natur	ally problema	tic? Yes	(If needed, explain any ans	swers in Remarks.)
					
SUMMARY OF FINDINGS – Attach site map s	niowing sa		iit iocations	s, transects, importan	t leatures, etc.
Hydrophytic Vegetation Present? Yes X	No	_ le ti	ne Sampled	Λroa	
Hydric Soil Present? Yes X	No		nin a Wetlan	YAC	X No
Wetland Hydrology Present? Yes X	No	_			
Remarks: The majority of the vegetation on the site is	nas been distr	urbed due to	past land use	s. This feature was sample	ed during the growing season a
meets the wetland criteria.					
VEGETATION – Use scientific names of plan	ts.				
Coo constituire maintee et prairi	Absolute	Dominant	Indicator	Dominance Test works	sheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Sp	pecies
1. none				That Are OBL, FACW, o	or FAC: 1 (A)
2.				Total Number of Domina	to.
3	_			Species Across All Strat Percent of Dominant Sp	(D)
4				That Are OBL, FACW, o	
Sapling/Shrub Stratum (Plot size:	. ———	= Total Cove	er		
1. none	,			Prevalence Index work	ksheet:
2				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4.				FACW species	
5.				FAC species	_
		= Total Cove	er	FACU species	x 4 =
Herb Stratum (Plot size:)				UPL species	x 5 =
Psilocarphus brevissimus	99	Y	FACW	Column Totals:	(B)
2. Plagiobothrys acanthocarpus	1	N	OBL	Prevalence Inde	ex = B/A =
3					
4				Hydrophytic Vegetatio	on Indicators:
5				X Dominance Test i	is >50%
6				Prevalence Index	
7					laptations ¹ (Provide supporting ks or on a separate sheet)
8		- Total Cay			,
Woody Vine Stratum (Plot size:	100	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)
1 none	,			1Indicators of hydric so	oil and wetland hydrology must
				be present, unless dist	
2.		= Total Cove		Lludranhutia	
	-	- Total Cove	51	Hydrophytic Vegetation	
% Bare Ground in Herb Stratum 0 % C	over of Biotic	Crust			esX No
Remarks: Sample area is a vernal pool that receives					
predominately of hydrophytic vegetation, it does suppobasin.	ort one vernal	l pool plant in	dicator specie	es (Plagiobothrys acanthoc	carpus). Leaf litter is present in
DGOIII.					

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

	Matrix		Rec	dox Featu	162			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-18	10YR 3/2	100					sandy clay	no redox
 								
								_
		· 						_
								_
			_					
¹ Type: C=Cor	ncentration, D=Depletion	n, RM=Reduced	d Matrix, CS=Covered	or Coated	Sand Grain	s. ² l	Location: PL=Pore	Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applic	able to all LR	Rs, unless otherv	vise note	d.)		Indicators 1	or Problematic Hydric Soils ³ :
Histosol	(A1)		Sandy Re	edox (S5)			1 cm M	uck (A9) (LRR C)
	pipedon (A2)		Stripped	٠,				uck (A10) (LRR B)
	istic (A3)			lucky Min				d Vertic (F18)
	en Sulfide (A4)			leyed Ma				rent Material (TF2)
, ,	d Layers (A5) (LRR (C)		Matrix (F				Explain in Remarks)
	uck (A9) (LRR D)	5)		ark Surfac	,		_X_Outer (E	Explain in Nomarko)
	d Below Dark Surfac	- (Δ11)		Dark Sur	` '			
	ark Surface (A12)	O (7111)		epression	` ,		³ Indicators of	of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal Po	•	3 (1 0)			hydrology must be present,
	Gleyed Matrix (S4)		venian v	3013 (1 3)				isturbed or problematic.
Sandy C	Dieyed Watrix (04)						uniess u	isturbed of problematic.
Restrictive I	Layer (if present):							
Type:			_					
Depth (incl	hes):						Hydric Soil Pre	sent? Yes X No
Damanda, N					h			
								ndicators of hydrophytic vegetation and
	r other factors, which				nu may ia	ok nydne s	on maicators du	e to limited saturation depth, saline
conditions, o	i otilei iactors, writer	i illay iliciuue	Hullian-causeu uis	lui bai ice.				
HYDROLOG	GY							
	GY /drology Indicators	:					Sec	ondary Indicators (2 or more required)
Wetland Hy								ondary Indicators (2 or more required) Water Marks (B1) (Riverine)
Wetland Hy Primary Indi	drology Indicators		check all that apply)				Vater Marks (B1) (Riverine)
Wetland Hy Primary Indi Surface	rdrology Indicators icators (minimum of o Water (A1)		check all that apply) (B11)				Nater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Wetland Hy Primary Indi Surface High Wa	rdrology Indicators icators (minimum of o Water (A1) ater Table (A2)		check all that apply Salt Crust X Biotic Crus) (B11) st (B12)	os (B13)			Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Wetland Hy Primary Indi Surface High Wa	rdrology Indicators icators (minimum of o Water (A1) ater Table (A2) on (A3)	one required;	check all that apply Salt Crust X Biotic Crus Aquatic In) (B11) st (B12) vertebrate	` '			Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Wetland Hy Primary Indi Surface High Wa Saturati Water M	rdrology Indicators icators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver	one required;	check all that apply Salt Crust X Biotic Crust Aquatic In Hydrogen	(B11) st (B12) vertebrate Sulfide C	dor (C1)			Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedime	rdrology Indicators icators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (No	one required; rine) onriverine)	check all that apply Salt Crust X Biotic Crust Aquatic In Hydrogen Oxidized F	(B11) st (B12) vertebrate Sulfide C Rhizosphe	dor (C1) eres along	•		Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedime Drift De	rdrology Indicators icators (minimum of of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver int Deposits (B2) (No posits (B3) (Nonriver	one required; rine) onriverine)	check all that apply Salt Crust X Biotic Crus Aquatic In Hydrogen Oxidized F) (B11) st (B12) vertebrate Sulfide C Rhizosphe of Reduc	edor (C1) eres along ed Iron (C4	4)		Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Wetland Hy Primary Indi Surface High Water M Sedime Drift De X Surface	rdrology Indicators icators (minimum of of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver int Deposits (B2) (No posits (B3) (Nonriver Soil Cracks (B6)	rine) prine) prine)	check all that apply Salt Crust X Biotic Crust Aquatic In Hydrogen Oxidized F) (B11) st (B12) vertebrate Sulfide C Rhizosphe of Reduc	edor (C1) eres along ed Iron (C4	4)	ots (C3)	Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Orayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
Wetland Hy Primary Indi Surface High Water M Sedime Drift De X Surface	rdrology Indicators icators (minimum of of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver int Deposits (B2) (No posits (B3) (Nonriver	rine) prine) prine)	check all that apply Salt Crust X Biotic Crus Aquatic In Hydrogen Oxidized F	(B11) st (B12) vertebrate Sulfide C Rhizosphe of Reduce	dor (C1) eres along ed Iron (C4 ion in Tille	4)	ots (C3)	Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
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Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedime Drift De X Surface Inundati Water-S	rdrology Indicators icators (minimum of of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver int Deposits (B2) (No posits (B3) (Nonriver is Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations:	rine) Imagery (B7)	check all that apply Salt Crust X Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Iro Thin Muck Other (Exp	(B11) st (B12) vertebrate Sulfide C Rhizosphe of Reduct on Reduct s Surface blain in Re	dor (C1) eres along ed Iron (C4 ion in Tille (C7)	4)	ots (C3)	Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Drayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
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Wetland Hy Primary Indi Surface High Wa Saturati Water N Sedime Drift De X Surface Inundati Water-S Field Observ Surface Water Surface Water Saturation Primary India	Adrology Indicators Icators (minimum of or Water (A1) Ater Table (A2) Ion (A3) Arks (B1) (Nonriver Int Deposits (B2) (No Iposits (B3) (Nonriver Is oil Cracks (B6) Ion Visible on Aerial Istained Leaves (B9) Ivations: Ier Present? Interpretation of the composite	rine) nriverine) Imagery (B7) /es N	check all that apply Salt Crust X Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Thin Muck Other (Exp	(B11) st (B12) vertebrate Sulfide C Rhizosphe of Reduct on Reduct s Surface blain in Re es):es):	dor (C1) eres along ed Iron (C4 ion in Tille (C7)	4) d Soils (C6	ots (C3)	Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
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Wetland Hy Primary Indi Surface High Wa Saturati Water N Sedime Drift De X Surface Inundati Water-S Field Observ Surface Water Surface Water Table Saturation Po	Adrology Indicators Icators (minimum of or Water (A1) Ater Table (A2) Ion (A3) Arks (B1) (Nonriver Int Deposits (B2) (No Iposits (B3) (Nonriver Is oil Cracks (B6) Ion Visible on Aerial Istained Leaves (B9) Ivations: Ier Present? Interpretation of the composite	rine) Imagery (B7) /es N /es N	check all that apply Salt Crust X Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Iro Thin Muck Other (Exp	(B11) st (B12) vertebrate Sulfide C Rhizosphe of Reduct Surface plain in Re es): es):	dor (C1) eres along ed Iron (C4 ion in Tille (C7) emarks)	4) d Soils (C6	ots (C3) in the control of th	Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hy Primary Indi Surface High Wa Saturati Water N Sedime Drift De X Surface Inundati Water-S Field Observ Surface Water Surface Water Table Saturation Po	Adrology Indicators Icators (minimum of or Water (A1) Ater Table (A2) Ion (A3) Arks (B1) (Nonriver Int Deposits (B2) (No Posits (B3) (Nonriver Isoli Cracks (B6) Ion Visible on Aerial Stained Leaves (B9) Vations: Present? Present? Y	rine) Imagery (B7) /es N /es N	check all that apply Salt Crust X Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Iro Thin Muck Other (Exp	(B11) st (B12) vertebrate Sulfide C Rhizosphe of Reduct Surface plain in Re es): es):	dor (C1) eres along ed Iron (C4 ion in Tille (C7) emarks)	4) d Soils (C6	ots (C3) in the control of th	Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedime Drift De X Surface Inundati Water-S Field Obser Surface Wate Water Table Saturation Pr (includes cap Describe Rec	Adrology Indicators icators (minimum of of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver int Deposits (B2) (No posits (B3) (Nonriver is Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present? Yeresent? Yeresent? Yeresent? Yeresent? Yeresent? Yeresent? Yeresent? Yeresent? Yeresent?	rine) Imagery (B7) /es N /es N /es N gauge, monito	check all that apply Salt Crust X Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Thin Muck Other (Exp	(B11) st (B12) vertebrate Sulfide C Rhizosphe of Reduct Surface clain in Re es): es): es):	dor (C1) eres along ed Iron (C4) ion in Tiller (C7) emarks)	d Soils (C6	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5) Present? Yes X No
Wetland Hy Primary Indi Surface High Wa Saturati Water N Sedime Drift De X Surface Inundati Water-S Field Obsert Surface Water Vater Table Saturation Profincludes cap Describe Reco	Adrology Indicators Icators (minimum of or Water (A1) ater Table (A2) Ion (A3) Alarks (B1) (Nonriver Int Deposits (B2) (No Iposits (B3) (Nonriver Isoil Cracks (B6) Ion Visible on Aerial Stained Leaves (B9) Vations: er Present? Present? Yeresent?	rine) Imagery (B7) /es N /es N gauge, monito	check all that apply Salt Crust X Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Thin Muck Other (Exp	(B11) st (B12) vertebrate Sulfide C Rhizosphe of Reduct Surface clain in Re es): es): es):	dor (C1) eres along ed Iron (C4) ion in Tiller (C7) emarks)	d Soils (C6	ots (C3)	Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hy Primary Indi Surface High Wa Saturati Water N Sedime Drift De X Surface Inundati Water-S Field Obsert Surface Water Vater Table Saturation Profincludes cap Describe Reco	Adrology Indicators icators (minimum of of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver int Deposits (B2) (No posits (B3) (Nonriver is Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present? Yeresent? Yeresent? Yeresent? Yeresent? Yeresent? Yeresent? Yeresent? Yeresent? Yeresent?	rine) Imagery (B7) /es N /es N gauge, monito	check all that apply Salt Crust X Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Thin Muck Other (Exp	(B11) st (B12) vertebrate Sulfide C Rhizosphe of Reduct Surface clain in Re es): es): es):	dor (C1) eres along ed Iron (C4) ion in Tiller (C7) emarks)	d Soils (C6	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5) Present? Yes X No
Wetland Hy Primary Indi Surface High Wa Saturati Water N Sedime Drift De X Surface Inundati Water-S Field Obsert Surface Water Vater Table Saturation Profincludes cap Describe Reco	Adrology Indicators Icators (minimum of or Water (A1) ater Table (A2) Ion (A3) Alarks (B1) (Nonriver Int Deposits (B2) (No Iposits (B3) (Nonriver Isoil Cracks (B6) Ion Visible on Aerial Stained Leaves (B9) Vations: er Present? Present? Yeresent?	rine) Imagery (B7) /es N /es N gauge, monito	check all that apply Salt Crust X Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Thin Muck Other (Exp	(B11) st (B12) vertebrate Sulfide C Rhizosphe of Reduct Surface clain in Re es): es): es):	dor (C1) eres along ed Iron (C4) ion in Tiller (C7) emarks)	d Soils (C6	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5) Present? Yes X No
Wetland Hy Primary Indi Surface High Wa Saturati Water N Sedime Drift De X Surface Inundati Water-S Field Obsert Surface Water Vater Table Saturation Profincludes cap Describe Reco	Adrology Indicators Icators (minimum of or Water (A1) ater Table (A2) Ion (A3) Alarks (B1) (Nonriver Int Deposits (B2) (No Iposits (B3) (Nonriver Isoil Cracks (B6) Ion Visible on Aerial Stained Leaves (B9) Vations: er Present? Present? Yeresent?	rine) Imagery (B7) /es N /es N gauge, monito	check all that apply Salt Crust X Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Thin Muck Other (Exp	(B11) st (B12) vertebrate Sulfide C Rhizosphe of Reduct Surface clain in Re es): es): es):	dor (C1) eres along ed Iron (C4) ion in Tiller (C7) emarks)	d Soils (C6	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5) Present? Yes X No

Project/Site:		City/Cour	ity: San Dieg	o, CA Sampling Date: April 23, 2019				
Applicant/Owner: Pardee Homes	State:Sampling Point: 210							
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	ange: Section 31, T18S R01W				
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave Slope (%): 0-2				
Subregion (LRR): LRR-C	Lat:	32.553095		Long: -117.022864 Datum: NAD83				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: None				
Are climatic / hydrologic conditions on the site typical for	r this time of	f year? Yes	X No	o(If no, explain in Remarks.)				
Are Vegetation X, Soil , or Hydrology	signif	icantly disturb	ed? Yes	Are "Normal Circumstances" present? Yes X No				
Are Vegetation, SoilX,or Hydrology	natur	ally problema	tic? Yes ((If needed, explain any answers in Remarks.)				
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poi	nt locations	s, transects, important features, etc.				
Hydrophytic Vegetation Present? Yes X	_No							
Hydric Soil Present? Yes X	No		ne Sampled	Yes X NO				
Wetland Hydrology Present? Yes X	No	— wili	nin a Wetland	ur ———				
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	s. This feature was sampled during the growing season and				
meets the wetland criteria.			past 14.14 455	or this realist that campion named are greating exactly and				
VEGETATION – Use scientific names of plants								
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:				
1. none	70 OOVCI	Орсоюз:	Otatus	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)				
2.				Total Number of Dominant				
3.				Species Across All Strata: 1 (B)				
4.				Percent of Dominant Species				
		= Total Cove	er	That Are OBL, FACW, or FAC: 100 (A/B)				
Sapling/Shrub Stratum (Plot size:)								
1. none				Prevalence Index worksheet:				
2				Total % Cover of: Multiply by:				
3				OBL species x 1 =				
4				FACW species x 2 =				
5				FACUlaracian x 3 =				
Horb Stratum (Diet size:		= Total Cove	er	FACU species				
Herb Stratum (Plot size:) 1. Spergularia bocconi	2	N	FACW	UPL species x 5 = (A) (B)				
Spergularia boccorri Psilocarphus brevissimus	75	Y	FACW	Column Totals(B)				
3. Festuca perennis		N	FAC	Prevalence Index = B/A =				
4. Lepidium nitidum	1	N	FAC	Hydrophytic Vegetation Indicators:				
5. Hordeum murinum	1	N	FACU	X Dominance Test is >50%				
6				Prevalence Index is ≤3.0¹				
7.				Morphological Adaptations ¹ (Provide supporting				
8.				data in Remarks or on a separate sheet)				
	80	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)				
Woody Vine Stratum (Plot size:								
1. none				¹ Indicators of hydric soil and wetland hydrology must				
2.				be present, unless disturbed or problematic.				
		= Total Cove	er	Hydrophytic				
N/ Page Occupation Hart Ottachura 40 N/ Oc		0		Vegetation				
	ver of Biotic			Present? Yes X No				
Remarks: Sample area is a vernal pool that receives ru				-watershed. In addition to the vernal pool consisting es (Psilocarphus brevissimus). Leaf litter is present in basin.				
prodominately of hydrophydic vegetation, it does suppor	COLIC VEILIGI	Pool Plant III	aloator specif	o di silocalprius previssimus j. Lear iller is present ili basiri.				

(includes) Color (moids) % Color (moids) % Type Loc Texture Remarks 10/18 10/7R 4/3 100 clay cobble abundant throughout Color (moids)	Depth	Matrix			dox Features		_	
Type: C=Concentration, D=Depletion, RM=Roduced Matrix, CS=Covered or Coated Sand Grains. Tuocation: PL=Poe Lining, RC=Root Channel, M=Matrix, Ptydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils*; Histosel (A1) Sandy Redox (S5) 1 cm Muck (A9) (LRR C) Stripped Matrix (F6) 2 cm Muck (A10) (LRR B) Electroped Ptyloric Soils*; 1 cm Muck (A9) (LRR C) Depleted Matrix (F3) Red Parent Material (TF2) Redox Depleted Matrix (F3) Redox Depleted Data (Strate) (F7) Redox Dark Surface (A11) Depleted Data (Strate) (F7) Publication of hydrophytic vegetation and welland hydrology must be present, unless disturbed or problematic. Public Restrictive Layer (if present): Public Restrictive Layer (if	(inches)	Color (moist)		Color (moist)	%Type	e ¹ Loc ²	Texture	Remarks
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosc (A1) Histosc ()-18	10YR 4/3	100				clay	cobble abundant throughout
Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoscol (A1)				_			- '	
Holicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Sandy Redox (S5) Histosol (A1) Sandy Redox (S5) Stripped Matrix (S6) Black Histic (A2) Holydogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Bed Matrix (F3) Stratified Layers (A5) (LRR D) Redox Dark Surface (F18) Popleted Bed Work Surface (F18) Popleted Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Dark Surface (F7) Thick Dark Surface (A12) Redox Dark Surface (F7) Thick Dark Surface (A12) Redox Depleted Bark Surface (F7) Thick Dark Surface (A12) Redox Depleted Bark Surface (F7) Sandy Mucky Mineral (S1) Sestrictive Layer (if present): Type: Depleted Dark Surface (A12) Redox Depressions (F8) Redox Dark Surface (F7) Redox Depressions (F8) Redox Depressions (F8) Redox Depressions (F9) Redox Dark Surface (A12) Redox Depressions (F9) Redox Dark Surface (A12) Redox Depressions (F9) Redox Dark Surface (A13) Redox Depressions (F9) Redox Dark Surface (A14) Redox Depressions (F9) Redox Dark Surface (A14) Redox Dark Surface (A15) Redox Depressions (F8)				_			-	
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosci (A1) Sandy Redox (S5) 1 1 cm Muck (A9) (LRR C) Histosci (A1) Stripped Matrix (S6) 2 cm Muck (A10) (LRR C) Histosci (A1) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy (Geyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy (Geyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy (Geyed Matrix (F2) Reduced Vertic (F18) Loapheted Bedw Dark Surface (F6) Depleted Bedw Dark Surface (F7) Thick Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) Wetland hydrology must be present, unless disturbed or problematic. Sestrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes X No Depth (inches): Hydric Soil Present? Yes X No Demarks: No redox features observed. However, hydric soils are assumed here as problematic due to strong indicators of hydrophytic vegetation and etland hydrology, This feature is a vernal pool that is seasonally ponded and may lack hydric soil indicators due to limited saturation depth, saline onditions, or other factors, which may include human-caused disturbance. **YOROLOGY** Wetland Hydrology Indicators: **Pointany Indicators (Iminimum of one required; check all that apply) Surface Water (A1) Salt Crust (B12) Surface Water (A1) Salt Crust (B12) Diff Deposits (B3) (Nonriverine) Hydrogen Sulfide Odor (C1) Dy-Season Water Table (A2) Sediment Deposits (B2) (Nonriverine) Hydrogen Sulfide Odor (C1) Diff Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Sediment Deposits (B2) (Nonriverine) Diff Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Sediment Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Sediment Deposits (B3) (Nonriverine) Sulface Water Present? Yes No Depth (inches): Indudation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquilard (D3) FAC-Neutral Test (D5) Water Table Present? Yes No Depth (inches): Sulface Boo						_	-	
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosci (A1) Sandy Redox (S5) 1 cm kmck (A9) (LRR C) Histosci (A1) Stripped Matrix (S6) 2 cm Muck (A10) (LRR C) Black Histic (A2) Loarny Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loarny Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loarny Gleyed Matrix (F2) Reduced Vertic (F18) Lydrogen Sulfide (A4) Loarny Gleyed Matrix (F2) Reduced Vertic (F18) Lydrogen Sulfide (A6) LRR D) Redox Dark Surface (F6) Depleted Bedw Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) Wetland hydrology must be present, unless disturbed or problematic. Sandy Mucky Mineral (S1) Wetland (S1) Wetland Pools (F9) Wetland hydrology must be present, unless disturbed or problematic. Setericitive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes X No Depth (inches): Hydric Soil Present? Yes X No Demarks: No redox features observed. However, hydric soils are assumed here as problematic due to strong indicators of hydrophytic vegetation and etland hydrology. This feature is a vernal pool that is seasonally ponded and may lack hydric soil indicators due to limited saturation depth, saline onditions, or other factors, which may include human-caused disturbance. **YOROLOGY** Wetland Hydrology Indicators: **Portizent Indicators (Indicators (Indicat							_	
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosc (A1) Histosc (
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoso (A1) Sandy Redox (S5) Histoso (A1) Sandy Redox (S5) Black Histis (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Reduced Vertic						_	_	-
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoso (A1) Sandy Redox (S5) Histoso (A1) Sandy Redox (S5) Black Histic (A3) Loamy Mucky Mineral (F1) Hydrogo Sulfde (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Stratified Layers (A5) (LRR D) Depleted Bow Dark Surface (A1) Depleted Dark Surface (F6) Depleted Bow Dark Surface (A12) Thick Dark Surface (A12) Sandy Mucky Mineral (F1) Depleted Dark Surface (F7) Thick Dark Surface (A12) Sandy Mucky Mineral (S1)						_		-
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoso (A1) Sandy Redox (S5) Histoso (A1) Sandy Redox (S5) Black Histic (A3) Loamy Mucky Mineral (F1) Hydrogo Sulfde (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Stratified Layers (A5) (LRR D) Depleted Bow Dark Surface (A1) Depleted Dark Surface (F6) Depleted Bow Dark Surface (A12) Thick Dark Surface (A12) Sandy Mucky Mineral (F1) Depleted Dark Surface (F7) Thick Dark Surface (A12) Sandy Mucky Mineral (S1)						_	_	
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoso (A1) Sandy Redox (S5) Histoso (A1) Source And Marks (S6) Black Histic (A3) Loamy Mucky Mineral (F1) Hydrogo Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Stratified Layers (A5) (LRR D) Depleted Matrix (F3) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR D) Depleted Dark Surface (F6) Depleted Boark Surface (F7) Thick Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Sandy Mucky Mineral (F1) Source (F7) Thick Dark Surface (A12) Sandy Mucky Mineral (F1) Source (F7) Thick Dark Surface (A12) Sandy Mucky Mineral (F1) Source (F7) Thick Dark Surface (A12) Sandy Mucky Mineral (F1) Source (F7) Thick Dark Surface (A12) Source (F8) Sou								
Histosol (A1) Sardy Redox (S5) 1 cm Muck (A9) (LRR C) Histo Epipedon (A2) Stripped Matrix (S6) 2 cm Muck (A10) (LRR B) Black Histo (A3) Loamy Mucky Mineral (F1) Reduced Vertir (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parent Material (TF2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) X Other (Explain in Remarks) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F6) Sandy Mucky Mineral (S1) Vernal Pools (F9) "Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. **Redox Dark Surface (A72) Redox Depressions (F8) Sandy Gleyed Matrix (S4) **Sardy Gleyed Matrix (S4) **Retrictive Layer (if present): Type: Depth (inches): Depth (inches						rains. ²		
Histic Epipedon (A2) Black Histic (A3) Loamy Mucky Mineral (F1) Reduce Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parent Material (TF2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Loamy Gleyed Matrix (F3) Depleted Below Dark Surface (A11) Depleted Dark Surface (F6) Depleted Below Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Remarks: No redox features observed. However, hydic soils are assumed here as problematic due to strong indicators of hydrophytic vegetation and wetland hydrology. This feature is a vernal pool that is seasonally ponded and may lack hydric soil indicators due to limited saturation depth, saline onditions, or other factors, which may include human-caused disturbance. YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B12) Surface Water (A1) Salt Crust (B12) Sufface Water (A1) Water Marks (B1) (Nonriverine) Surface Water (A1) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B2) (Nonriverine) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Dry-Season Water Table (C3) Sediment Deposits (B2) (Nonriverine) Dry-Season Water Table (C3) Sediment Deposits (B2) (Nonriverine) Dry-Season Water Table (C3) Thin Muck Surface (C7) Shallow Aquitard (D3) FAC-Neutral Test (D5) Shallow Aquitard (D3) FAC-Neutr	Hydric Soil I	ndicators: (Appli	cable to all L	RRs, unless otherv	vise noted.)		Indicators fo	or Problematic Hydric Soils ³ :
Black Histic (A3)	Histosol ((A1)		Sandy R	edox (S5)		1 cm Mu	ck (A9) (LRR C)
Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR C) Depleted Matrix (F2) Torn Muck (A9) (LRR D) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sestrictive Layer (if present): Type: Depth (inches): Depth (inches): Pepth (inches): Pepth (inches): Vernal Pools (F9) Depleted Bark Nurface (A12) Redox Dark Surface (A12) Redox Dark Surface (F7) Hydric Soil Present? Type: Depth (inches): Pype: Depth (inches): Physic Soil Present): Type: Depth (inches): Semarks: No redox features observed. However, hydric soils are assumed here as problematic due to strong indicators of hydrophytic vegetation and wetland hydrology. This feature is a vernal pool that is seasonally ponded and may lack hydric soil indicators due to limited saturation depth, saline conditions, or other factors, which may include human-caused disturbance. YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Water Marks (B1) (Riverine) Surface Water (A1) Salt Crust (B12) Sediment Deposits (B2) (Riverine) Hydrogen Sulfide Odor (C1) Dryfi Deposits (B3) (Riverine) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Primary Indicators (B1) Water Marks (B1) (Nonriverine) Presence of Reduced fron (C4) Craftish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquilard (D3) FAC-Neutral Test (D5) FAC-Neutral Test (D5) Solution Observations: Wetland Hydrology Present? Yes No X Depth (inches): Surface Water Present? Yes No X Depth (inches): Solution Observations: Surface Water Present? Yes No X Depth (inches): Solution Observations: Wetland Hydrology Present? Yes X No includes capillary fringe) Sol					` '			
Stratified Layers (A5) (LRR C)		` '						` '
1 cm Muck (A9) (LRR D)						2)		,
Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) And Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) And Dark Surface (F7) Sandy Mucky Mineral (S1) Vernal Pools (F9) Wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes X No Hydric Soil Present? Yes No X Depth (inches): Wetland Hydric Soil indicators (finitions of problematic due to strong indicators of hydrophytic vegetation a wetland hydrology Indicators (finitions of hydrophytic vegetation and the strong indicators (finitions of hydrophytic vegetation and the set of hydrop		• () (C)		` '		X Other (Ex	xplain in Remarks)
Trick Dark Surface (A12)					` '			
Sandy Mucky Mineral (S1)			ce (A11)		,	7)		
Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes X No		, ,			. ,			
Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes X No Remarks: No redox features observed. However, hydric soils are assumed here as problematic due to strong indicators of hydrophytic vegetation a wetland hydrology. This feature is a vernal pool that is seasonally ponded and may lack hydric soil indicators due to limited saturation depth, saline conditions, or other factors, which may include human-caused disturbance. VOROLOGY		, ,		Vernal P	ools (F9)			
Type:	Sandy Gl	leyed Matrix (S4)					unless dis	sturbed or problematic.
Depth (inches):	Restrictive La	ayer (if present):						
Remarks: No redox features observed. However, hydric soils are assumed here as problematic due to strong indicators of hydrophytic vegetation a wetland hydrology. This feature is a vernal pool that is seasonally ponded and may lack hydric soil indicators due to limited saturation depth, saline conditions, or other factors, which may include human-caused disturbance. VDROLOGY	Туре:							
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Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) Prift Deposits (B2) (Riverine) Saturation (A3) Aquatic Invertebrates (B13) Prainage Patterns (B10) Sediment Deposits (B3) (Riverine) Saturation (A3) Aquatic Invertebrates (B13) Prainage Patterns (B10) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Sediment Deposits (B3) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Face-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks and biotic crusts indicate that the are	YDROLOG	Υ						
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High Water Table (A2) X Biotic Crust (B12) Drift Deposits (B3) (Riverine) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Semarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks and biotic crusts indicate that the are	Primary Indic	ators (minimum of	one required	; check all that apply	′)		W	/ater Marks (B1) (Riverine)
Saturation (A3)	Surface \	Water (A1)		Salt Crust	(B11)		S	ediment Deposits (B2) (Riverine)
Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Security of the Methad Hydrology Present? Yes No Saturation Present? Yes No Saturation Previous inspections), if available: n/a Security of the delineation, evidence of surface soil cracks and biotic crusts indicate that the are	—— High Wat	ter Table (A2)		X Biotic Cru	st (B12)			rift Deposits (B3) (Riverine)
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X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Seturation Present? Yes No X Depth (inches		. , , ,	•					
Inundation Visible on Aerial Imagery (B7)			J					
Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No _X _Depth (inches): Water Table Present? Yes No _X _Depth (inches): Saturation Present? Yes No _X _Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks and biotic crusts indicate that the are			Imageny (R7			illied collo (o		
Field Observations: Surface Water Present? Yes No _X _Depth (inches): Water Table Present? Yes No _X _Depth (inches): Saturation Present? Yes No _X _Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks and biotic crusts indicate that the are						.)		
Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Wetland Hydrology Present? Yes X No (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks and biotic crusts indicate that the are	water-or	airieu Leaves (Б9)		Other (EX	piaiii iii Remark	·)	<u> </u>	AC-Neutral Test (D3)
Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Wetland Hydrology Present? Yes X No includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks and biotic crusts indicate that the are								
Saturation Present? Yes No X Depth (inches): Wetland Hydrology Present? Yes X No (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Demarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks and biotic crusts indicate that the are	Surface Wate							
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a	Water Table F				· -			
escribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a lemarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks and biotic crusts indicate that the are			Yes	No X Depth (inch	ies):	Wetla	and Hydrology P	resent? Yes X No
temarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks and biotic crusts indicate that the are								
	escribe Reco	rded Data (stream	gauge, moni	toring well, aerial ph	otos, previous in	spections), if	available: n/a	
	emarks: Alth	ough no surface w	ater was nres	sent at the time of the	e delineation ev	idence of surf	ace soil cracks a	nd biotic crusts indicate that the area
		•	•	one at ano amo or an	o dominodatori, ov	1401100 01 0411	acc con cracke a	The place of upto mandate that the area
			,					

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	o Sampling Date: 3.26.20				
Applicant/Owner: Pardee Homes	State: CA Sampling Point: 211							
Investigator(s): JR Sundberg, Raquel Atik	Section, Township, Range: Section 31, T18S R01W							
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2				
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55918297	49	Long: -117.018795627 Datum: NAD83				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent si				NWI classification: None				
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in Remarks.)				
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ed?	Are "Normal Circumstances" present? Yes X No				
Are Vegetation Soil X, or Hydrology	 natura	ally problema	tic?	(If needed, explain any answers in Remarks.)				
SUMMARY OF FINDINGS – Attach site map sh				s transacts important features atc				
SUMMART OF FINDINGS - Attach site map sit	lowing Sai		it iocations	s, transects, important leatures, etc.				
Hydrophytic Vegetation Present? Yes X	_No	_ le ti	ne Sampled .	Aroa				
Hydric Soil Present? Yes X	_No		nin a Wetland	YAS X NO				
Wetland Hydrology Present? Yes X	_No	_						
Remarks: The majority of the vegetation on the site had meets the wetland criteria.	ıs been distı	urbed due to	past land use	ss. This feature was sampled during the growing season and				
meets the wetland criteria.								
VEGETATION – Use scientific names of plants								
	Absolute	Dominant	Indicator	Dominance Test worksheet:				
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species				
1. none				That Are OBL, FACW, or FAC:(A)				
2				Total Number of Dominant Species Across All Strata:				
3				Percent of Dominant Species 2 (B)				
4				That Are OBL, FACW, or FAC:50(A/B)				
Sapling/Shrub Stratum (Plot size:)		= Total Cove	er					
1. none				Prevalence Index worksheet:				
				Total % Cover of: Multiply by:				
				OBL species 1 x 1 = 1				
4.				FACW species 15 x 2 = 30				
5.				FAC species 1 x 3 = 3				
		= Total Cove	er	FACU species12 x 4 =48				
Herb Stratum (Plot size:)				UPL species1 x 5 = 5				
Spergularia bocconi	15	Yes	FACW	Column Totals:30 (A)87(B)				
2. Erodium botrys	10	Yes	FACU	Prevalence Index = B/A = 2.9				
3. Matricaria discoidea	1	No	FACU					
4. Psilocarphus brevissimus	1	No	FACU	Hydrophytic Vegetation Indicators:				
5. Plagiobothrys acanthocarpus	1	No	OBL	Dominance Test is >50%				
6. Glebionis coronaria	1	No No	UPL	X Prevalence Index is ≤3.0¹				
7. Crassula connata	1	No	FAC	Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)				
8				·				
Woody Vine Stratum (Plot size:)	30	= Total Cov	/er	Problematic Hydrophytic Vegetation¹ (Explain)				
1. none				¹ Indicators of hydric soil and wetland hydrology must				
2. <i>Hone</i>				be present, unless disturbed or problematic.				
2		= Total Cove		Harlanda da				
		- 10tal 00V6	5 1	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum70	ver of Biotic	Crust		Present? Yes X No				
Remarks: Sample area is a vernal pool that receives ru								
predominately of hydrophytic vegetation, it also supports								
acanthocarpus).								

Profile Desc Depth	Matrix			edox Feat	uics		_			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu	ire	Remar	ks
0-2	10YR 3/3	100					sandy lo	am		
2-10	10YR 4/3	100					silty loan	า		
							_			
										
								· ·		
¹ Type: C=Co	ncentration, D=Depletion	n, RM=Reduce	d Matrix, CS=Covere	d or Coated	d Sand Grains	. 2	Location: PL	=Pore Lining, RC	=Root Channel,	M=Matrix.
Hydric Soil	Indicators: (Applica	able to all Li	RRs, unless other	wise not	ed.)		Indicat	ors for Proble	matic Hydric	Soils ³ :
Histoso	I (A1)		Sandy I	Redox (S5	5)		1 c	m Muck (A9) (I	LRR C)	
Histic E	pipedon (A2)		Strippe	d Matrix (S	S6)			m Muck (A10)		
	istic (A3)				neral (F1)			duced Vertic (F	,	
	en Sulfide (A4)			Gleyed Ma				d Parent Mater	` '	
	d Layers (A5) (LRR (C)		d Matrix (,		_X_Oth	ner (Explain in I	Remarks)	
	uck (A9) (LRR D)	- (0.11)		Dark Surfa	, ,					
	d Below Dark Surfac ark Surface (A12)	e (ATT)		Depressio	urface (F7)		3Indicat	tors of hydroph	vtic vogotation	and
	Mucky Mineral (S1)			Pools (F9)	` ,			land hydrology	-	
	Gleyed Matrix (S4)		vernan	0013 (1 0)	,			ess disturbed o	•	,,,,
<u> </u>									<u> </u>	
	Layer (if present):									
Type: sh	ovel refusal						Hydric Soi	il Procont?	Voc. V	No
Type: sh Depth (inc Remarks: N wetland hyd	ovel refusal	a vernal po	ol that is seasonall	y ponded	and may lac		due to stro			
Type: sh Depth (inc Remarks: N wetland hyd conditions, c	ovel refusal hes): 10 o redox features obs rology. This feature is or other factors, which	a vernal po	ol that is seasonall	y ponded	and may lac		due to stro	ong indicators o	of hydrophytic	vegetation and
Type: sh Depth (inc Remarks: N wetland hyd conditions, c	ovel refusal hes): 10 o redox features obs rology. This feature is or other factors, which	s a vernal poo n may include	ol that is seasonall	y ponded	and may lac		due to stro	ong indicators c	of hydrophytic d saturation de	vegetation and
Type: sh Depth (inc Remarks: N wetland hyd conditions, c	ovel refusal hes): 10 lo redox features obsirology. This feature is or other factors, which	s a vemal poo	ol that is seasonalle human-caused di	y ponded sturbance	and may lac		due to stro	ong indicators on the state of	of hydrophytic d saturation de	vegetation and epth, saline more required
Type: sh Depth (inc Remarks: N wetland hyd conditions, co IYDROLOG Wetland Hy Primary Ind	ovel refusal hes): 10 lo redox features obserology. This feature is or other factors, which	s a vemal poo	ol that is seasonalle human-caused di	y ponded sturbance	and may lac		due to stro	ong indicators of rs due to limite Secondary Inc. Water Mar	of hydrophytic d saturation de dicators (2 or	wegetation and epth, saline more required ine)
Type: sh Depth (inco Remarks: N wetland hyd conditions, co IYDROLOG Wetland Hy Primary Ind Surface	ovel refusal thes): 10 to redox features obstrology. This feature is or other factors, which GY ydrology Indicators: icators (minimum of comments)	s a vemal poo	ol that is seasonalle human-caused di	y ponded sturbance ly)	and may lac		due to stro	ong indicators of rs due to limite Secondary In Water Mar Sediment I	of hydrophytic d saturation de dicators (2 or ks (B1) (River	wegetation and spth, saline more required ine) (Riverine)
Type: sh Depth (inc Remarks: N wetland hyd conditions, c IYDROLOG Wetland Hy Primary Ind Surface High W	ovel refusal thes): 10 to redox features obstrology. This feature is or other factors, which GY vdrology Indicators: icators (minimum of ce Water (A1)	s a vemal poo	ol that is seasonalle human-caused discharged discharge	y ponded sturbance ly)	and may lac		due to stro	ong indicators of rs due to limite Secondary In Water Mar Sediment I Drift Depos	of hydrophytic d saturation de dicators (2 or ks (B1) (River	wegetation and spth, saline more required ine) (Riverine)
Type: sh Depth (inc Remarks: N wetland hyd conditions, c HYDROLOG Wetland Hy Primary Ind Surface High W Saturat	ovel refusal hes): 10 for redox features obstrology. This feature is or other factors, which GY ydrology Indicators: icators (minimum of content of the water (A1) ater Table (A2)	s a vernal poon may included to may included to may included to may include the may include th	check all that app Salt Crus X Biotic Cr Aquatic	y ponded sturbance ly) st (B11) ust (B12) nvertebra	and may lac		due to stro	Secondary In Water Mar Sediment I Drift Depos	of hydrophytic d saturation de dicators (2 or ks (B1) (River Deposits (B2) sits (B3) (Rive	more required ine) (Riverine)
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Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	0 9	Sampling Date: 3.26.20
Applicant/Owner: Pardee Homes				State: CA S	Sampling Point: 212
Investigator(s): JR Sundberg, Raquel Atik		Section,	Township, R	Range: Section 31, T18S R0	01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: :	 32.55905887	4	Long: -117.018131299	Datum: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 30 to 50				NWI classification	
Are climatic / hydrologic conditions on the site typical fo	r this time of	fyear? Yes	X No	 ວ (If no, explain in F	Remarks.)
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances	
Are Vegetation Soil X, or Hydrology	natur	ally problema	tic?	(If needed, explain any ansv	wers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sl				e transpote important	foatures etc
SOMMANT OF FINDINGS - Attach site map si	lowing sai		iii iocalioni	s, transects, important	ieatures, etc.
Hydrophytic Vegetation Present? Yes X	_No	_ le ti	he Sampled	Aroa	
Hydric Soil Present? Yes X	_No	I	nin a Wetlan	V 2QV	No
Wetland Hydrology Present? Yes X	_No	_			
Remarks: The majority of the vegetation on the site has	as been dist	urbed due to	past land use	s. This feature was sampled	d during the growing season and
meets the wetland criteria.					
VEGETATION – Use scientific names of plants					
VEGETATION – Ose scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test worksh	heet:
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Spe	
1. <u>none</u>				That Are OBL, FACW, or	
2				Total Number of Dominar	
3				Species Across All Strata	(D)
4				Percent of Dominant Spe That Are OBL, FACW, or	
		= Total Cove	er		(
Sapling/Shrub Stratum (Plot size:)				Barrada a la dancarda	.h4-
1. <u>none</u> 2.				Prevalence Index works Total % Cover of:	Sneet: Multiply by:
2				OBL species	x 1 =
				FACW species	
				FAC species	
o		= Total Cove	 er	FACU species	
Herb Stratum (Plot size:				UPL species	x 5 =
1. Plantago elongata	8	Yes	FACW	Column Totals:	(A) (B)
2. Crassula connata	1	No	FAC	Provolence Index	– D/A –
3. Festuca myuros	1	No	FACU	Frevalence index	= B/A =
4. Psilocarphus tenellus	1	No	OBL	Hydrophytic Vegetation	Indicators:
5				X Dominance Test is	>50%
6				Prevalence Index is	s ≤3.0¹
7					ptations¹ (Provide supporting
8				data in Remarks	s or on a separate sheet)
	11	= Total Cov	/er	Problematic Hydror	phytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)					
1. none				¹ Indicators of hydric soil be present, unless distur	and wetland hydrology must
2					——————————————————————————————————————
		= Total Cove	er	Hydrophytic Vegetation	
% Bare Ground in Herb Stratum 89 % Co	over of Biotic	Crust		Present? Yes	s X No
Remarks: Sample area is a vernal pool that receives ru	unoff from a	relatively sma	all local micro		ne vernal pool consisting
predominately of hydrophytic vegetation, it also support					s.ra. pe si sorioisiing
1					

Depth	cription: (Describe t Matrix			dox Feat					•
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu	ire	Remarks
0-6	10YR 3/3	100					loamy sa	ınd	
							_		
	<u> </u>						_		
	-						_		
	<u> </u>						_		
	_								
	oncentration, D=Depletio					s. ²			RC=Root Channel, M=Matrix.
Hydric Soi	il Indicators: (Applic	able to all	LRRs, unless other	wise note	ed.)		Indicat	ors for Pro	blematic Hydric Soils ³ :
Histoso	` '			Redox (S5	-			m Muck (A9	
	Epipedon (A2)			Matrix (S	,			•	10) (LRR B)
	Histic (A3)			•	neral (F1)			duced Verti	` '
	gen Sulfide (A4)	_`		Sleyed Ma					aterial (TF2)
	ed Layers (A5) (LRR	C)		d Matrix (I	,		_X_Otr	ner (Explain	in Remarks)
	/luck (A9) (LRR D) ed Below Dark Surfac	ο (Λ11)		ark Surfa	ice (F6) irface (F7)				
	ed Below Bark Surfac Dark Surface (A12)	æ (ATT)		epressio			3Indicat	ore of hydro	ophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)				-	ogy must be present,
	Gleyed Matrix (S4)			00.0 (1.0)				-	d or problematic.
									<u>'</u>
	Layer (if present): novel refusal								
	iovei reiusai								
	ches): 6						Hydric Soi	Present?	Ves X No
Depth (inc Remarks: (hydrophytic	Cobble mixed with soi	nd hydrolog	y. This feature is a v	ernal poo	l that is sea	sonally po	med here as onded and		Yes X No ic due to strong indicators of dric soil indicators due to limite
Depth (inc Remarks: 0 hydrophytic saturation d	Cobble mixed with soi vegetation and wetla depth, saline condition	nd hydrolog	y. This feature is a v	ernal poo	l that is sea	sonally po	med here as onded and	s problemat	ic due to strong indicators of
Depth (inc Remarks: (including the hydrophytic saturation described the hydrophytic saturation described the hydrophytical hydro	Cobble mixed with soil to egetation and wetla depth, saline condition	nd hydrolog s, or other f	y. This feature is a v	ernal poo	l that is sea	sonally po	med here as onded and	s problemat may lack hy	ic due to strong indicators of dric soil indicators due to limite
Depth (ind Remarks: (independent of the control of	Cobble mixed with soil vegetation and wetla depth, saline condition	nd hydrolog s, or other f	gy. This feature is a v actors, which may in	ernal poo clude hur	l that is sea	sonally po	med here as onded and	s problemat may lack hy Secondary	ic due to strong indicators of dric soil indicators due to limite
Depth (ind Remarks: (independent of the control of	Cobble mixed with soil vegetation and wetla depth, saline condition	nd hydrolog s, or other f	gy. This feature is a v actors, which may in d; check all that appl	ernal pod clude hur	l that is sea	sonally po	med here as onded and	s problemat may lack hy <u>Secondary</u> Water N	ic due to strong indicators of dric soil indicators due to limite value va
Depth (ind Remarks: (independent of the content of	Cobble mixed with soi e vegetation and wetla depth, saline condition OGY lydrology Indicators dicators (minimum of e Water (A1)	nd hydrolog s, or other f	gy. This feature is a viactors, which may in	ernal poo clude hur y) t (B11)	l that is sea	sonally po	med here as onded and	s problemat may lack hy Secondary Water I Sedime	Indicators (2 or more requirements (B1) (Riverine)
Depth (incomplete in the content of	Cobble mixed with soil vegetation and wetla depth, saline condition of the condition of the complex of the condition of the complex of the co	nd hydrolog s, or other f	gy. This feature is a viactors, which may in discours, which may in discourse discours	ernal poo clude hur y) t (B11) ust (B12)	I that is sea man-caused	sonally po	med here as onded and	s problemat may lack hy Secondary Water I Sedime	Indicators (2 or more requirement (B1) (Riverine) and Deposits (B2) (Riverine) apposits (B3) (Riverine)
Depth (ind Remarks: (ind) Remarks: (Cobble mixed with soil expectation and wetland depth, saline condition of the condition of the complex of the c	nd hydrologs, or other f	gy. This feature is a viactors, which may in discours, which may in discourse discours	ernal poo clude hur y) t (B11) ust (B12) nvertebra	I that is sea man-caused	sonally po	med here as onded and	Secondary Water I Sedime Drift De	Indicators (2 or more requirement Deposits (B2) (Riverine) ge Patterns (B10)
Depth (ind Remarks: (ind) Remarks: (ind) Hydrophytic saturation depends on the control of the co	Cobble mixed with soil vegetation and wetland depth, saline condition of the Water (A1) Vater Table (A2) tition (A3) Marks (B1) (Nonriver	nd hydrologs, or other f	gy. This feature is a vicactors, which may in discours, which may in discours, which may in discours, which may in discours and discourse and discour	y) t (B11) ust (B12) nvertebra	tes (B13)	sonally po	med here as onded and ince.	Secondary Water I Sedime Drift De Drainag Dry-Se	r Indicators (2 or more requirements (B1) (Riverine) eposits (B3) (Riverine) eposits (B1) (Riverine) eposits (B3) (Riverine) eposits (B10) eason Water Table (C2)
Depth (ind Remarks: (ind) Remarks: (Cobble mixed with soil a vegetation and wetland depth, saline condition of the condition of the water (A1) and the water (A2) attion (A3) and the water (B1) (Nonriver ent Deposits (B2) (B2) (B2) (B2) (B2) (B2) (B2) (B2)	nd hydrologs, or other f : one required rine) onriverine)	gy. This feature is a variations, which may in a discrete all that apple	y) t (B11) ust (B12) nvertebrat n Sulfide (Rhizosph	tes (B13) Odor (C1) heres along	sonally po I disturbar	med here as onded and ince.	Secondary Water N Sedime Drift De Drainag Dry-Se Thin Mo	r Indicators (2 or more requirements (B1) (Riverine) eposits (B3) (Riverine) eposits (B3) (Riverine) eposits (B4) (Riverine) eposits (B5) (Riverine) eposits (B6) (Riverine) eposits (B7) (Riverine) eposits (B8) (Riverine) eposits (B8) (Riverine) eposits (B7) (Riverine) eposits (B8) (Riverine) eposits (B8) (Riverine) eposits (B7) (Riverine) eposits (B8) (Riverine) eposits (B7) (Riverine) eposits (Riverine) eposits (Riverine)
Depth (incomplete in the content of	Cobble mixed with soil vegetation and wetland depth, saline conditions of the condition of	nd hydrologs, or other f : one required rine) onriverine)	gy. This feature is a variations, which may in a discrete all that apples and a salt crus and	y) t (B11) ust (B12) nvertebrat n Sulfide (Rhizosph	tes (B13) Odor (C1) eres along ced Iron (C4)	sonally por I disturban	med here as onded and ince.	Secondary Water M Sedime Drift De Drainag Dry-Se Thin Me	Indicators (2 or more requirements (B1) (Riverine) Pent Deposits (B2) (Riverine) Peposits (B3) (Riverine) Peposits (B4) (Riverine) Peposits (B5) (Riverine) Peposits (B6) (Riverine) Peposits (B7) (Riverine) Peposits (B8) (Riverine) Peposits (B7) (Riverine) Peposits (B8) (Riverine) Peposits (B7) (Riverine) Peposits (Riverine)
Depth (incomplete in the content of	Cobble mixed with soil a vegetation and wetland depth, saline conditions of the condition o	nd hydrologs, or other f : cone required rine) erine)	gy. This feature is a veractors, which may in a cators, which may in a cators and a cators a	y) t (B11) ust (B12) nvertebra n Sulfide (Rhizosph	tes (B13) Ddor (C1) Heres along ced Iron (C4	sonally por I disturban	med here as onded and ince.	Secondary Water I Sedime Drift De Drainae Dry-Se Thin Me Crayfisi Saturat	Indicators (2 or more requirements (B1) (Riverine) Pent Deposits (B2) (Riverine) Peposits (B3) (Riverine) Peposits (B4) (Riverine) Peposits (B5) (Riverine) Peposits (B6) (Riverine) Peposits (B7) (Riverine) Peposits (B8) (Riverine) Peposits (B7) (Riverine) Peposits (B8)
Depth (incomplete in the content of	Cobble mixed with soil expectation and wetlate the property of	nd hydrologs, or other f : cone required rine) erine)	gy. This feature is a variations, which may in a cators, which may be a cators of the ca	y) t (B11) ust (B12) vertebra s Sulfide (Rhizosph on Reduc k Surface	tes (B13) Ddor (C1) Heres along Seed Iron (C4) Stion in Tilled	sonally por I disturban	med here as onded and ince.	Secondary Water I Sedime Drift De Drainag Dry-Se Thin Mi Crayfisi Saturat Shallov	Indicators (2 or more requirements (B1) (Riverine) gent Deposits (B2) (Riverine) gent Deposits (B3) (Riverine) gent Deposits (B10) gent Deposits (B10) gent Deposits (B10) gent Deposits (B10) gent Deposits (B20) gent Deposits (B30) gent Deposits
Depth (incomplete in the content of	Cobble mixed with soil a vegetation and wetland depth, saline conditions of the condition o	nd hydrologs, or other f : cone required rine) erine)	gy. This feature is a veractors, which may in a cators, which may in a cators and a cators a	y) t (B11) ust (B12) vertebra s Sulfide (Rhizosph on Reduc k Surface	tes (B13) Ddor (C1) Heres along Seed Iron (C4) Stion in Tilled	sonally por I disturban	med here as onded and ince.	Secondary Water I Sedime Drift De Drainag Dry-Se Thin Mi Crayfisi Saturat Shallov	Indicators (2 or more requirements (B1) (Riverine) Pent Deposits (B2) (Riverine) Peposits (B3) (Riverine) Peposits (B4) (Riverine) Peposits (B5) (Riverine) Peposits (B6) (Riverine) Peposits (B7) (Riverine) Peposits (B8) (Riverine) Peposits (B7) (Riverine) Peposits (B8)
Depth (incomplete in the content of	Cobble mixed with soil a vegetation and wetland depth, saline conditions of the condition of the water (A1) and the water (A1) are the water (A2) and the water (A3) are the water (B2) (Nonrive ent Deposits (B2) (Nonrive ent Deposits (B3)	nd hydrologs, or other f : cone required rine) erine)	gy. This feature is a variations, which may in a cators, which may be a cators of the ca	y) t (B11) ust (B12) vertebra s Sulfide (Rhizosph on Reduc k Surface	tes (B13) Ddor (C1) Heres along Seed Iron (C4) Stion in Tilled	sonally por I disturban	med here as onded and ince.	Secondary Water I Sedime Drift De Drainag Dry-Se Thin Mi Crayfisi Saturat Shallov	Indicators (2 or more requirements (B1) (Riverine) gent Deposits (B2) (Riverine) gent Deposits (B3) (Riverine) gent Deposits (B10) gent Deposits (B10) gent Deposits (B10) gent Deposits (B10) gent Deposits (B20) gent Deposits (B30) gent Deposits
Depth (ind Remarks: (ind) (ind) (ind) Remarks: (ind) (ind) (ind) (ind) Remarks: (ind) (ind	Cobble mixed with soil a vegetation and wetlate the property of the property o	ind hydrologs, or other f	gy. This feature is a variations, which may in a cators, which may be a cators of the ca	y) t (B11) ust (B12) nvertebrate n Sulfide (Rhizospher of Reduction Reducti	tes (B13) Ddor (C1) Heres along Seed Iron (C4) Stion in Tilled	sonally por I disturban	med here as onded and ince.	Secondary Water I Sedime Drift De Drainag Dry-Se Thin Mi Crayfisi Saturat Shallov	Indicators (2 or more requirements (B1) (Riverine) gent Deposits (B2) (Riverine) gent Deposits (B3) (Riverine) gent Deposits (B10) gent Deposits (B10) gent Deposits (B10) gent Deposits (B10) gent Deposits (B20) gent Deposits (B30) gent Deposits
Depth (ind Remarks: (ind) (ind) (ind) Remarks: (ind) (ind) (ind) (ind) Remarks: (ind) (ind	Cobble mixed with soil a vegetation and wetlate the property of the property o	ind hydrologs, or other f	gy. This feature is a variations, which may in actors, which may in actors and actors and actors actors and actors	y) t (B11) ust (B12) nvertebrate n Sulfide (Rhizosphe on Reduct on Reduct k Surface xplain in F	tes (B13) Ddor (C1) Heres along Seed Iron (C4) Stion in Tilled	sonally por I disturban	med here as onded and ince.	Secondary Water I Sedime Drift De Drainag Dry-Se Thin Mi Crayfisi Saturat Shallov	Indicators (2 or more requirements (B1) (Riverine) gent Deposits (B2) (Riverine) gent Deposits (B3) (Riverine) gent Deposits (B10) gent Deposits (B10) gent Deposits (B10) gent Deposits (B10) gent Deposits (B20) gent Deposits (B30) gent Deposits
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Depth (incomplete in the content of	Cobble mixed with soil a vegetation and wetlate the present? Cobble mixed with soil a vegetation and wetlate the present? Cobble mixed with soil a vegetation and wetlate the present? Cobble mixed with soil and wetlate the present with soil and wetlate	ind hydrologis, or other f	gy. This feature is a variations, which may in factors, which may be a factor of the factor of	y) t (B11) ust (B12) nvertebrar n Sulfide (Rhizosph e of Reduct on Reduct k Surface cplain in F	tes (B13) Ddor (C1) teres along ced Iron (C4 tition in Tilled	Living Ro 4) d Soils (C	med here as onded and ince. ots (C3)	Secondary Water N Sedime Drift De Drainag Dry-Se Thin Mi Crayfisi Saturat Shallov FAC-Ne	Indicators (2 or more requirements (B1) (Riverine) general Deposits (B2) (Riverine) general Deposits (B3) (Riverine) general Deposits (B4) general Deposits (B5) general Deposits (B6) general Deposits (B7) general Deposits (B8) general Deposits (B8) general Deposits (B8) general Deposits (B7) general Deposits (B8) general Deposits (B7) general Deposits
Depth (incomplete in the content of	Cobble mixed with soid expectation and wetlate the present? Cobble mixed with soid expectation and wetlate the present? Cobble mixed with soid expectation and wetlater the present? Cobble mixed with soid expectation (and present present) Cobble mixed with soid expectation and wetlation (and present present) Cobble mixed with soid expectation and wetlation (and present present) Cobble mixed with soid expectation and wetlation (and present present) Cobble mixed with soid expectation and wetlation (and present present) Cobble mixed with soid expectation and wetlation (and present present) Cobble mixed with soid expectation and wetlation (and present present) Cobble mixed with soid expectation and wetlation (and present present) Cobble mixed with soid expectation and wetlation (and present present) Cobble mixed with soid expectation (and present present present) Cobble mixed with soid expectation (and present present pres	ind hydrologis, or other f	gy. This feature is a variations, which may in factors, which may be a factor of the factor of	y) t (B11) ust (B12) nvertebrar n Sulfide (Rhizosph e of Reduct on Reduct k Surface cplain in F	tes (B13) Ddor (C1) teres along ced Iron (C4 tition in Tilled	Living Ro 4) d Soils (C	med here as onded and ince. ots (C3)	Secondary Water N Sedime Drift De Drainag Dry-Se Thin Mi Crayfisi Saturat Shallov FAC-Ne	Indicators (2 or more requirements (B1) (Riverine) general Deposits (B2) (Riverine) general Deposits (B3) (Riverine) general Deposits (B4) general Deposits (B5) general Deposits (B6) general Deposits (B7) general Deposits (B8) general Deposits (B8) general Deposits (B8) general Deposits (B7) general Deposits (B8) general Deposits (B7) general Deposits
Depth (incomplete in the content of	Cobble mixed with soil a vegetation and wetlate the present? Cobble mixed with soil a vegetation and wetlate the present? Cobble mixed with soil a vegetation and wetlate the present? Cobble mixed with soil and wetlate the present with soil and wetlate	ind hydrologis, or other f	gy. This feature is a variations, which may in factors, which may in factors and factors and factors are also factors ar	y) t (B11) ust (B12) nvertebrar n Sulfide (Rhizosph e of Reduct on Reduct k Surface cplain in F	tes (B13) Ddor (C1) teres along ced Iron (C4 tition in Tilled	Living Ro 4) d Soils (C	med here as onded and ince. ots (C3)	Secondary Water N Sedime Drift De Drainag Dry-Se Thin Mi Crayfisi Saturat Shallov FAC-Ne	Indicators (2 or more requirements (B1) (Riverine) general Deposits (B2) (Riverine) general Deposits (B3) (Riverine) general Deposits (B4) general Deposits (B5) general Deposits (B6) general Deposits (B7) general Deposits (B8) general Deposits (B8) general Deposits (B8) general Deposits (B7) general Deposits (B8) general Deposits (B7) general Deposits
Depth (incomplete in the content of	Cobble mixed with soice vegetation and wetland depth, saline conditions of the last of the	rine) Imagery (B' //es //es gauge, mor	d; check all that appl Salt Crus X Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) t (B11) ust (B12) nvertebrain Sulfide (Rhizosph on Reduct on Reduct k Surface (plain in F	tes (B13) Odor (C1) eres along ced Iron (C4) ction in Tilled te (C7) Remarks)	Living Ro A Soils (C Wetla ctions), if	med here as onded and ince. ots (C3) 6) and Hydrol available:	Secondary Water I Sedime Drift De Drainae Dry-Se Thin Mi Crayfis Saturat Shallov FAC-No	Indicators (2 or more requirements (B1) (Riverine) Per National (B2) (Riverine) Per National (B3) (Riverine) Per National (B4) (Riverine) Per National (B4) (Riverine) Per National (B4) Per National
Depth (incomplete in the content of	Cobble mixed with soice vegetation and wetland depth, saline conditions of the last of the	rine) Imagery (B' //es //es gauge, mor	d; check all that appl Salt Crus X Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) t (B11) ust (B12) nvertebrain Sulfide (Rhizosph on Reduct on Reduct k Surface (plain in F	tes (B13) Odor (C1) eres along ced Iron (C4) ction in Tilled te (C7) Remarks)	Living Ro A Soils (C Wetla ctions), if	med here as onded and ince. ots (C3) 6) and Hydrol available:	Secondary Water I Sedime Drift De Drainae Dry-Se Thin Mi Crayfis Saturat Shallov FAC-No	Indicators (2 or more requirements) Indicators (2 or more requirements) Indicators (2 or more requirements) Indicators (3 or more requirements) Indicators (4 or more requirements) Indicators (5 or more requirements) Indicators (6 or more requirements) Indicators (7 or more requirements) Indicators (8 or more requirements) Indicators (9 or more requirements) Indicators
Depth (incomplete in the content of	Cobble mixed with soice vegetation and wetland depth, saline conditions of the last of the	rine) Imagery (B' //es //es gauge, mor	d; check all that appl Salt Crus X Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) t (B11) ust (B12) nvertebrain Sulfide (Rhizosph on Reduct on Reduct k Surface (plain in F	tes (B13) Odor (C1) eres along ced Iron (C4) ction in Tilled te (C7) Remarks)	Living Ro A Soils (C Wetla ctions), if	med here as onded and ince. ots (C3) 6) and Hydrol available:	Secondary Water I Sedime Drift De Drainae Dry-Se Thin Mi Crayfis Saturat Shallov FAC-No	Indicators (2 or more requirements (B1) (Riverine) Per National (B2) (Riverine) Per National (B3) (Riverine) Per National (B4) (Riverine) Per National (B4) (Riverine) Per National (B4) Per National

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	o Sampling Date: 3.26.20
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 224
Investigator(s): JR Sundberg, Raquel Atik		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55864647	28	Long: -117.017733218 Datum: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 30 to 50	percent slop	oes		NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poli	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	_No	_ ,_4	0 1 1	A
Hydric Soil Present? Yes X	No		ne Sampled . nin a Wetland	YAS X NO
Wetland Hydrology Present? Yes X	No	_ ****	iii a vvotian	u.
Remarks: The majority of the vegetation on the site ha	ıs been distı	urbed due to	past land use	es. This feature was sampled during the growing season and
meets the wetland criteria.			,	
VEGETATION – Use scientific names of plants				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none	70 OOVCI	Орсскоз:	Otatus	Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 7 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC:57(A/B)
Sapling/Shrub Stratum (Plot size:)				
1. <u>none</u>				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species1 x 1 =1
4				FACW species6 x 2 =12
5				FAC species 1 x 3 = 3
		= Total Cove	er	FACU species 1 x 4 = 4
Herb Stratum (Plot size:)	_		E4 0)4/	UPL species 2 x 5 = 10
1. Plantago elongata	5	Y	FACW	Column Totals:11 (A)30(B)
Pseudognaphalium luteoalbum Psilocarphus brevissimus	1	Y	UPL	Prevalence Index = B/A = 2.7
			FACW	Lively and the Magazatian Indicators
Sonchus asper Deinandra fasciculata		Y	FAC FACU	Hydrophytic Vegetation Indicators:
6. Hirschfeldia incana	1	Y	UPL	X Dominance Test is >50% Prevalence Index is ≤3.0¹
7. Plagiobothrys acanthocarpus	1	Y	OBL	
8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
G		= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:		rotal cov	701	Floblematic Hydrophytic Vegetation (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
				Vegetation
% Bare Ground in Herb Stratum89	ver of Biotic	Crust		Present? Yes X No No No
Remarks: Sample area is a vernal pool that receives ru				
predominately of hydrophytic vegetation, it also supports Psilocarphus brevissimus).	s three vern	al pool plant i	ndicator spec	cies (Plagiobothrys acanthocarpus, Plantago elongata, and
, onecarprius previssimus).				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix	•	Re	dox Featu	ıres			•
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-3	10YR 4/4	95	10YR 4/6	5	С	М	sandy loam	redox observed
3-10	10YR 4/4	100					sandy loam	no redox
<u> </u>	10111111							
	-							
1						2		
			ced Matrix, CS=Covered			S. ²		ore Lining, RC=Root Channel, M=Matrix.
-		able to all	LRRs, unless other					s for Problematic Hydric Soils ³ :
Histosol	` '			Redox (S5)				Muck (A9) (LRR C)
	pipedon (A2) istic (A3)			∣Matrix (S ⁄Jucky Min	,			Muck (A10) (LRR B) ced Vertic (F18)
	en Sulfide (A4)			Sleyed Ma				earent Material (TF2)
	d Layers (A5) (LRR (:)		d Matrix (F				(Explain in Remarks)
	uck (A9) (LRR D)	• /		ark Surfa	,			(
	d Below Dark Surface	e (A11)		d Dark Su	` '			
Thick Da	ark Surface (A12)		X Redox D	epression	ns (F8)		³ Indicators	of hydrophytic vegetation and
Sandy N	Mucky Mineral (S1)		Vernal P	Pools (F9)			wetland	d hydrology must be present,
Sandy C	Gleyed Matrix (S4)						unless	disturbed or problematic.
Restrictive I	Layer (if present):							
	ovel refusal (cobble)							
Depth (incl	hes): 10						Hydric Soil Pr	resent? Yes X No
	istinct redox features	-1						
HYDROLOG	2V							
							C-	andon Indicators (2 or more varying)
-	drology Indicators:		d. about all that apply				<u>Se</u>	condary Indicators (2 or more required)
	•	ne require	d; check all that apply					_Water Marks (B1) (Riverine)
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
	ater Table (A2)		X Biotic Cru	, ,	oo (D12)		-	_ Drift Deposits (B3) (Riverine)
Saturati	` '	!\		nvertebrat				_ Drainage Patterns (B10)
	Marks (B1) (Nonriver		Hydroger			Listan Da		_Dry-Season Water Table (C2)
_	ent Deposits (B2) (No	-			eres along	_	ots (C3)	_Thin Muck Surface (C7)
_	posits (B3) (Nonrive	rine)			ed Iron (C4	-		_ Crayfish Burrows (C8)
_	Soil Cracks (B6)	maganı/D			tion in Tille	a Solis (Ci	o) <u> </u>	Staturation Visible on Aerial Imagery (C9)
	ion Visible on Aerial I	magery (B	-					_Shallow Aquitard (D3)
vvaler-s	Stained Leaves (B9)		Other (Ex	cpiain in K	emarks)		-	_FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat	er Present? Y	es	No X Depth (incl			_		
Water Table	Present? Y	es						
Saturation P		es	No X Depth (incl	nes):		Wetla	and Hydrology	y Present? Yes X No
(includes cap								
Describe Rec	orded Data (stream g	jauge, mor	nitoring well, aerial ph	iotos, prev	ious inspe	ctions), if a	available:	
Remarks: Alt	hough no surface wa	ter was nr	esent at the time of th	e delineat	ion evider	nce of surf	ace soil cracks	s and a biotic crust indicate that the area
	and hydrology.	.s. was pre	223 R at the time of th	.s domical	, OVIGGI	.55 51 5411	SOO SON GRACKS	and a pione of documentation that the disa
			·				-	

Project/Site: Southwest Village Specific	c Plan Project		City/C	county: <u>San</u>	Diego)	Sar	npling Date:	3/3/2020	0
Applicant/Owner: Pardee Homes						State:CA	San	npling Point:	227	
Investigator(s): Beth Procsal and JR Sur	ndberg		Section	on, Townsh	ip, Rar	nge:Section 31, T	 18S R01	W		
Landform (hillslope, terrace, etc.): mesa to						convex, none):conc			ope (%):0)-2
Subregion (LRR):C - Mediterranean Ca	lifornia	Lat:32.:	55425	48451		Long:-117.01432	26309	 Datı	- um:NAD	——) 83
Soil Map Unit Name: Huerhuero loam, 2		_					assification	:None		
Are climatic / hydrologic conditions on the	•		ear? Y	es 📵	No ((If no, explai	n in Rema	rks.)		
Are Vegetation Soil	· <u> </u>	gnificantly		_		Normal Circumstan) No	
	· -	aturally pr				eded, explain any a	•	_		
SUMMARY OF FINDINGS - Atta					`	, , , , , , , , , , , , , , , , , , ,		,	atures	. etc.
										,
Hydrophytic Vegetation Present? Hydric Soil Present?				Is the Sa	mnlad	Area				
Wetland Hydrology Present?	_			within a	-			No O		
Remarks: The majority of the vegetat		as been o	disturl				~	~	ne area,	in
general, has been altered du		-	_		-		-			
problematic due to the seas	•	presence	with l	hydrology	restri	cted to the winter	and veg	etation to tl	ae late w	
and early spring months ea	ch year.									+
VEGETATION										
Tree Stratum (Use scientific names.)		Absolute % Cover		inant Indica cies? Stat		Dominance Test				
1. None	-	70 00101	<u>- 0000</u>			Number of Domin That Are OBL, FA			2	(A)
2.				一一					2	(
3.						Total Number of D Species Across A			3	(B)
4.			-	一					9	(-)
	Total Cover:	%				Percent of Domina That Are OBL, FA		_	5.7 %	(A/B)
Sapling/Shrub Stratum					_					
1.None				<u> </u>		Prevalence Index			dy by:	
2				<u> </u>		Total % Cove OBL species	I OI.	Multip x 1 =	0 Dy Dy.	_
3. 4.			-			FACW species	12	x 2 =	24	
5.					▼	FAC species	10	x 3 =	30	
· · · · · · · · · · · · · · · · · · ·	Total Cover:					FACU species	10	x 4 =	40	
Herb Stratum						UPL species	10	x 5 =	0	
1. Psilocarphus brevissimus		8	Yes	FACW		Column Totals:	32	(A)	94	(B)
2. Lepidium latipes		1	No	FACW		D		40		
³ .Plantago elongata		2	No	FACW		Prevalence			2.94	
4. Hordeum murinum		10	Yes	FACU		Hydrophytic Veg Dominance T				
5. Festuca perennis		10	Yes	FAC		★ Prevalence Ir				
6.Spergularia bocconi		1	No	FACW	_	Morphologica			e support	tina
7. 8.								on a separate		9
0	Total Cover:	22.04			\blacksquare	Problematic I	Hydrophyti	c Vegetation	¹ (Explair	n)
Woody Vine Stratum	rotal coron	32 %								
1. <i>None</i>						¹ Indicators of hyd	ric soi l an	d wetland h	ydro l ogy	must
2				•	\blacksquare	be present.				
	Total Cover:	%				Hydrophytic Vegetation				
% Bare Ground in Herb Stratum 68	% Cover	of Biotic C	Crust	%		Present?	Yes 💿	No (\supset	
Remarks: Sample area is a vernal po	ool that receives	runoff fr	om a	relatively	small	local micro-wate	rshed. In	addition to	the ver	mal
pool consisting predomina										
(Psilocarphus brevissimus						•	•	•		

	cription: (Describe to the o			r confirm	the absence of I	ndicators.)
Depth (inches)	Matrix Color (moist) %	Color (moist)	x Features % Type ¹	Loc ²	Texture ³	Remarks
`						
		·				
		_				
		·		▼		
			▼			
			▼	▼		
	-					
				<u> </u>		
¹ Type: C=C	oncentration, D=Depletion, I	 RM=Reduced Matrix	² Location: PL=Pore		:=Root Channel N	/=Matrix
	-					, Silt Loam, Silt, Loamy Sand, Sand.
	ndicators: (Applicable to all					roblematic Hydric Soils⁴:
Histosol	(A1)	Sandy Redo	ox (S5)		1 cm Muck	(A9) (LRR C)
Histic E	pipedon (A2)	Stripped M			2 cm Muck	(A10) (LRR B)
	istic (A3)		cky Mineral (F1)		Reduced V	
	en Sulfide (A4)		yed Matrix (F2)			t Material (TF2)
	d Layers (A5) (LRR C)	Depleted N			Other (Exp	lain in Remarks)
	uck (A9) (LRR D) d Below Dark Surface (A11)		k Surface (F6) Park Surface (F7)			
	ark Surface (A12)		pressions (F8)			
	/lucky Mineral (S1)	Vernal Poo	, ,		⁴Indicators of h	ydrophytic vegetation and
	Gleyed Matrix (S4)					rology must be present.
Restrictive	Layer (if present):					
Type:						
Depth (in	ches):				Hydric Soil Pre	sent? Yes ● No ○
Remarks: H	uerhuero loam soil series	s is on the Hydric So	ils of San Diego Co	ounty list	obtained from t	he Natural Resource
						ootential vernal pool and may
SU	apport a listed fairy shrim	p species. Hydric so	ils were assumed to	o be prese	ent due to the pr	esence of hydrophytic vegetation
	nd wetland hydrology					
HYDROLO	GY					
Wetland Hy	drology Indicators:					y Indicators (2 or more required)
Primary Indi	cators (any one indicator is s	sufficient)			Water	r Marks (B1) (Riverine)
Surface	Water (A1)	Salt Crust	` '		Sedin	nent Deposits (B2) (Riverine)
High Wa	ater Table (A2)	⊠ Biotic Cru	st (B12)		Drift [Deposits (B3) (Riverine)
Saturati	on (A3)	X Aquatic Ir	vertebrates (B13)		Drain:	age Patterns (B10)
Water M	farks (B1) (Nonriverine)	Hydrogen	Sulfide Odor (C1)		Dry-S	eason Water Tab l e (C2)
Sedime	nt Deposits (B2) (Nonriverir	· <u>—</u>	Rhizospheres a l ong L	_		Muck Surface (C7)
	posits (B3) (Nonriverine)	<u> </u>	of Reduced Iron (C4)			ish Burrows (C8)
	Soil Cracks (B6)	<u> </u>	on Reduction in Plowe	ed Soi l s (C		ation Visible on Aerial Imagery (C9)
	on Visible on Aerial Imagery	(B7) Other (Ex	plain in Remarks)			ow Aquitard (D3)
	Stained Leaves (B9)				FAC-	Neutral Test (D5)
Field Obser	_	_				
Surface Wat	\sim	No 💿 Depth (ir	nches):			
Water Table	Present? Yes 🔘	No Depth (ir	nches):			
Saturation P		No Depth (ir	nches):	- Wotla	nd Hydrology Pr	esent? Yes No
	pillary fringe) corded Data (stream gauge	monitoring well aerial	photos previous insp	I		esent? Yes (•) No (
B coombo i to	oordod Data (offodin gaago	monitoring won, dendi	priotos, provioso mop	,,	avanasio.	
Pomarke: A 1	th an ab ma an afo a a vivatan			سملة أديم مد		il ana alsa biatia amat and the
	_	-				oil cracks, biotic crust, and the
						er table level and saturation are being conducted concurrently.
110	i known as a son pit was	not dug due to the la	ici mai protocoi lai	ту эппппр	o surveys were t	omg conducted concurrently.
IC A C.	s of Engineers					

Project/Site: Southwest Village Specific Plan Project		City/Co	unty:San	Diego)	Samp	oling Date:3/	3/2020	
Applicant/Owner: Pardee Homes					State:CA	 Samp	oling Point: ₂₂	28	
Investigator(s): Beth Procsal and JR Sundberg		Section	, Townshi	p, Ran	ge:Section 31, T1	—— 18S R01W	7		
Landform (hillslope, terrace, etc.): mesa top					convex, none):conc			e (%):0-2	2
Subregion (LRR):C - Mediterranean California	Lat:32.5				Long:-117.01557			n:NAD8	
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slo	_					ssification:			
Are climatic / hydrologic conditions on the site typical for this	•	ear? Yes	s (a)	No (_			
	ignificantly			_	Normal Circumstand		_	No (\sim
	aturally pro				eded, explain any ar	•	_	110 (<i></i>
SUMMARY OF FINDINGS - Attach site map s				•	•		•	tures	etc
			Img po						
	0 ()	١.			A				
	o ()		s the San	-			da ()		
Remarks: The majority of the vegetation on the site h			within a V				No ()	area in	1
general, has been altered due to off-road ac						•	~		
problematic due to the seasonality of their									
and early spring months each year.									+
VEGETATION									
	Absolute		ant Indica	- 1	Dominance Test	worksheet	:		
Tree Stratum (Use scientific names.)	% Cover	Specie			Number of Domina That Are OBL, FAG			1.	۸, ا
1. None 2.			<u></u>		mat Ale Obl., FA	JVV, OI FAC) : 2	()	A)
3.			<u> </u>		Total Number of D Species Across All		2	(1	B)
4.					Species Across Air	i Strata.	2	(1)
Total Cover	r: %			ا	Percent of Domina That Are OBL, FAG		. 100	0.0/ (/	A/B)
Sapling/Shrub Stratum	. 70						100.	U % (/	7D)
1. <u>None</u>			▼	▼	Prevalence Index				
2			<u> </u>	\blacksquare	Total % Cover		Multiply		
3			₹	▼	OBL species	6	x 1 =	6	
4			<u>▼</u>	▼	FACW species FAC species	23	x 2 = x 3 =	46	
5Total Cover	: %		<u> </u>		FACU species	20	x 4 =	60	
Herb Stratum	. %0				UPL species	5	x 5 =	20 0	
1.Lilaea scilloides	5	No	OBL		Column Totals:	<i>5 1</i>	(A)	132	(B)
2. Psilocarphus brevissimus	20	Yes	FACW			54		132	(5)
3. Plantago elongata	1	No	FACW		Prevalence I			2.44	
4. Plagiobothrys acanthocarpus	1	No	OBL		Hydrophytic Vege				
5. Festuca perennis	20	Yes	FAC		X Dominance Te				
6.Lepidium latipes	1	110	FACW		× Prevalence In				
⁷ ·Hordeum murinum	5	No	FACU		Morphological	i Adaptation marks or on	is' (Provide s i a separate s	supporting sheet)	g
8. Eleocharis macrostachya	1	No	FACW		Problematic H		=		
Total Cover Woody Vine Stratum	54 %								
1.None		Г	▼1	Ī	¹ Indicators of hydr	ric soil and	wetland hyd	rology m	านst
2.			₹		be present.				
Total Cover	: %		_		Hydrophytic				
% Bare Ground in Herb Stratum 46 % % Cover	of Biotic C	Crust	%		Vegetation Present?	Yes (No (
				m c 11				ho vom:	01
Remarks: Sample area is a vernal pool that receives pool consisting predominately of hydroph									al
(Psilocarphus brevissimus, Lilaea scilloid							cator speci	<i>.</i>	
	,	<u> </u>	5 ,,		,	1			

Depth	Matrix			x Features			<u> </u>
inches)	Color (moist)	%	Color (moist)	%Type¹	Loc ²	Texture ³	Remarks
						-	
		· —— -		▼			
					V		
				▼	V		
	-						
	·						
	<u> </u>						
	Concentration, D=Depl			² Location: PL=Pore			
Soil Textur	es: Clay, Silty Clay, S	Sandy Clay	, Loam, Sandy Clay	Loam, Sandy Loam	, Clay Loam	, Silty Clay Loam,	Silt Loam, Silt, Loamy Sand, Sa
ydric Soil	Indicators: (Applicabl	le to all LRI	Rs, unless otherwise	e noted.)		Indicators for Pr	oblematic Hydric Soils⁴:
Histoso	ol (A1)		Sandy Redo	ox (S5)		1 cm Muck	(A9) (LRR C)
	Epipedon (A2)		Stripped M				(A10) (LRR B)
	Histic (A3)			cky Mineral (F1)		Reduced Ve	
_	en Sulfide (A4)			yed Matrix (F2)			Material (TF2)
	ed Layers (A5) (LRR C	;)	Depleted M	` '		Other (Expl	ain in Remarks)
	luck (A9) (LRR D)	(8.4.4)		k Surface (F6)			
	ed Below Dark Surface	e (A11)		Park Surface (F7)			
	Dark Surface (A12)			ressions (F8)		4Indicators of by	drankytia vagatatian and
	Mucky Mineral (S1) Gleyed Matrix (S4)		Vernal Poo	is (F9)		-	drophytic vegetation and
						welland nyun	ology must be present.
	Layer (if present):						
Type:							
Depth (ir	nches):					Hydric Soil Pres	ent? Yes No
			.1 TT 1 ' C				
							ne Natural Resource
							ne Natural Resource otential vernal pool and may
C	Conservation Servic	e (NRCS	; 2020). No soil p	it was dug due to	the sample	point being a po	otential vernal pool and may
(S a	Conservation Servic upport a listed fairy nd wetland hydrolo	e (NRCS shrimp s	; 2020). No soil p	it was dug due to	the sample	point being a po	otential vernal pool and may
(S a	Conservation Servic upport a listed fairy nd wetland hydrolo	e (NRCS shrimp s	; 2020). No soil p	it was dug due to	the sample	point being a po	otential vernal pool and may
S a 'DROLO	Conservation Servic upport a listed fairy nd wetland hydrolo	e (NRCS shrimp s	; 2020). No soil p	it was dug due to	the sample	point being a point due to the pre	otential vernal pool and may
s a/DROLO	Conservation Servic upport a listed fairy nd wetland hydrolo DGY drology Indicators:	e (NRCS shrimp s	; 2020). No soil p	it was dug due to	the sample	point being a point due to the pre	otential vernal pool and may esence of hydrophytic vegeta
s AYDROLO Vetland Hy trimary Ind	Conservation Servic upport a listed fairy nd wetland hydrolo DGY ydrology Indicators: icators (any one indicators)	e (NRCS shrimp s	; 2020). No soil p species. Hydric so	it was dug due to tils were assumed	the sample	point being a point due to the pre	otential vernal pool and may esence of hydrophytic vegeta Indicators (2 or more required) Marks (B1) (Riverine)
S a /DROLO /etland Hy rimary Ind Surface	Conservation Servic upport a listed fairy nd wetland hydrolo DGY ydrology Indicators: icators (any one indicators (A1)	e (NRCS shrimp s	; 2020). No soil p species. Hydric so cient) Salt Crust	it was dug due to ils were assumed	the sample	point being a point due to the pre Secondary Water Sedime	otential vernal pool and may esence of hydrophytic vegeta Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine)
S A A A A A A A A A A A A A A A A A A A	Conservation Servic upport a listed fairy nd wetland hydrolo DGY vdrology Indicators: icators (any one indicate Water (A1) vater Table (A2)	e (NRCS shrimp s	; 2020). No soil p species. Hydric so cient) Salt Crust Biotic Cru	it was dug due to tils were assumed to the second s	the sample	point being a point due to the pre	otential vernal pool and may esence of hydrophytic vegeta Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine)
S a /DROLO /etland Hy rimary Ind Surface High W Saturat	Conservation Servic upport a listed fairy nd wetland hydrology odrology Indicators: icators (any one indicate Water (A1) //ater Table (A2) cion (A3)	e (NRCS shrimp s sov	; 2020). No soil p species. Hydric so scient) Salt Crust Biotic Cru Aquatic In	it was dug due to to ils were assumed to to ils were assumed to the ils were a	the sample	Secondary Water Sedime Drift De	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10)
/DROLO /etland Hy rimary Ind Surface High W Saturat Water I	Conservation Servic upport a listed fairy nd wetland hydrology of the vertical points of th	e (NRCS y shrimp s nov ator is suffi	; 2020). No soil p species. Hydric so scient) Salt Crust Silotic Cru Aquatic In Hydrogen	it was dug due to till were assumed to the till were assumed to till were assumed to till were assumed to the till were assumed to the till were assumed to	the sample to be prese	Secondary Water Sedime Drift De Dry-Se	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) eason Water Table (C2)
/DROLO /etland Hy rimary Ind Surface High W Saturat Water I Sedime	Conservation Servic upport a listed fairy and wetland hydrology of the licators (any one indicators (any one indicators (any one indicator (A1) (ater Table (A2) tion (A3) Marks (B1) (Nonriverient Deposits (B2) (Norriverient De	e (NRCS y shrimp s nov ator is suffi	; 2020). No soil p species. Hydric so cient) Salt Crust Aquatic In Hydrogen Oxidized	it was dug due to ils were assumed ils were assumed if (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along	the sample to be prese	Secondary Water Sedime Drift De Dry-Se G (C3) Thin M	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) eason Water Table (C2) luck Surface (C7)
/DROLO /etland Hy rimary Ind Surface High W Saturat Water I Sedime Drift De	Conservation Servic upport a listed fairy and wetland hydrology of the listed fairy and wetland hydrology of the listed fairy and wetland hydrology Indicators: icators (any one indicators and wetland (any one indicators) and wetl	e (NRCS y shrimp s nov ator is suffi	; 2020). No soil p species. Hydric so cient) Salt Crust Aquatic In Hydrogen Oxidized I Presence	it was dug due to tils were assumed to tils were assumed to the second s	the sample to be prese	Secondary Water Sedime Drift De Dry-Se (C3) Thin M Crayfis	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) eason Water Table (C2) luck Surface (C7) sh Burrows (C8)
/DROLO /etland Hy rimary Ind Surface High W Saturat Water I Sedime Drift De	Conservation Servic upport a listed fairy and wetland hydrology of the licators (any one indicators (any one indicators (any one indicator (A1) (ater Table (A2) tion (A3) Marks (B1) (Nonriverient Deposits (B2) (Norriverient De	e (NRCS y shrimp s nov ator is suffi	; 2020). No soil p species. Hydric so cient) Salt Crust Aquatic In Hydrogen Oxidized I Presence	it was dug due to ils were assumed ils were assumed if (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along	the sample to be prese	Secondary Water Sedime Drift De Dry-Se (C3) Thin M Crayfis	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) eason Water Table (C2) luck Surface (C7) sh Burrows (C8)
/DROLO /etland Hy rimary Ind Surface High W Saturat Water I Sedime Drift De	Conservation Servic upport a listed fairy and wetland hydrology of the listed fairy and wetland hydrology of the listed fairy and wetland hydrology Indicators: icators (any one indicators and wetland (any one indicators) and wetl	e (NRCS y shrimp s nov ator is suffi ne) nriverine)	; 2020). No soil p species. Hydric so cient) Salt Crust Aquatic In Hydrogen Oxidized I Presence Recent Iro	it was dug due to tils were assumed to tils were assumed to the second s	the sample to be prese	Secondary Water Sedime Drift De Draina Dry-Se G (C3) Thin M Crayfis S) Satura	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) eason Water Table (C2) luck Surface (C7) sh Burrows (C8)
/DROLO /etland Hy rimary Ind Surface High W Saturat Water I Sedime Drift De	Conservation Servic upport a listed fairy nd wetland hydrology Indicators: icators (any one indicate Water (A1) // ater Table (A2) // cion (A3) Marks (B1) (Nonriverient Deposits (B2) (Norriveries Soil Cracks (B6)	e (NRCS y shrimp s nov ator is suffi ne) nriverine)	; 2020). No soil p species. Hydric so cient) Salt Crust Aquatic In Hydrogen Oxidized I Presence Recent Iro	it was dug due to to ils were assumed ils were assumed is (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 on Reduction in Plow	the sample to be prese	Secondary Water Sedime Drift De Draina Dry-Se G (C3) Thin M Crayfis Shallov	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) eason Water Table (C2) luck Surface (C7) th Burrows (C8) tion Visible on Aerial Imagery (C
Vetland Hy rimary Ind Surface High W Saturat Water I Sedime Drift De Surface	Conservation Service upport a listed fairy and wetland hydrology Indicators: icators (any one indicated water (A1) (Ater Table (A2) (Ion (A3)) Marks (B1) (Nonriverient Deposits (B2) (Nonriverient Soil Cracks (B6) (Stained Leaves (B9))	e (NRCS y shrimp s nov ator is suffi ne) nriverine)	; 2020). No soil p species. Hydric so cient) Salt Crust Aquatic In Hydrogen Oxidized I Presence Recent Iro	it was dug due to to ils were assumed ils were assumed is (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 on Reduction in Plow	the sample to be prese	Secondary Water Sedime Drift De Draina Dry-Se G (C3) Thin M Crayfis Shallov	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) eason Water Table (C2) luck Surface (C7) sh Burrows (C8) tion Visible on Aerial Imagery (Cay Aquitard (D3)
YDROLO Vetland Hy Irimary Ind Surface High W Saturat Water I Sedime Surface Unit De	Conservation Service upport a listed fairy and wetland hydrology and wetland hydrology and wetland hydrology and wetland hydrology and	ne) nriverine) magery (B:	; 2020). No soil p species. Hydric so cient) Salt Crust Aquatic In Hydrogen Oxidized I Presence Recent Iro	it was dug due to tils were assumed to tils were assumed to tils were assumed to tils were assumed to the tils were assum	the sample to be prese	Secondary Water Sedime Drift De Draina Dry-Se G (C3) Thin M Crayfis Shallov	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) eason Water Table (C2) luck Surface (C7) sh Burrows (C8) tion Visible on Aerial Imagery (Cay Aquitard (D3)
YDROLO Vetland Hy rimary Ind Surface High W Saturat Vater I Sedime Surface Inundat Water-s icield Obse	Conservation Service upport a listed fairy and wetland hydrology Indicators: icators (any one indicated water (A1) (Ater Table (A2) (Ater Table (A2) (Ater Table (B2) (Ater Table (B3) (Ater Tabl	ne) magery (B'	; 2020). No soil preperies. Hydric so	it was dug due to tils were assumed its were assumed its were assumed its (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 on Reduction in Plow plain in Remarks)	the sample to be prese	Secondary Water Sedime Drift De Draina Dry-Se G (C3) Thin M Crayfis Shallov	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) eason Water Table (C2) luck Surface (C7) sh Burrows (C8) tion Visible on Aerial Imagery (Cay Aquitard (D3)
/ DROLO /etland Hy rimary Ind Surface High W Saturat Sedime Drift De Surface Inundar Water-dield Obse urface Water Table	Conservation Service upport a listed fairy and wetland hydrology and wetland hydrology and wetland hydrology and wetland hydrology and	ne) magery (B:	; 2020). No soil properies. Hydric so	it was dug due to to ils were assumed ils were assumed is ils were assumed if (B11) st (B12) exertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 on Reduction in Plow plain in Remarks)	the sample to be prese	Secondary Water Sedime Drift De Draina Dry-Se G (C3) Thin M Crayfis Shallov	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) eason Water Table (C2) luck Surface (C7) sh Burrows (C8) tion Visible on Aerial Imagery (Cay Aquitard (D3)
/ DROLO /etland Hy rimary Ind Surface High W Saturat Sedime Surface Jorift De Jorift De Jorift De Jorift De Jorift Obse urface Wa vater Table aturation F	Conservation Service upport a listed fairy and wetland hydrology Indicators: icators (any one indicate Water (A1) Vater Table (A2) vater Table (A2) vater (B1) (Nonriverse Soil Cracks (B6) vation Visible on Aerial In Stained Leaves (B9) vations: uter Present?	ne) magery (B:	; 2020). No soil preperies. Hydric so	it was dug due to to ils were assumed ils were assumed is ils were assumed if (B11) st (B12) exertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 on Reduction in Plow plain in Remarks)	the sample to be prese	Secondary Water Sedime Drift De Draina Dry-Se G (C3) Thin M Crayfis Shallov	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) eason Water Table (C2) luck Surface (C7) th Burrows (C8) tion Visible on Aerial Imagery (Cay Aquitard (D3) leutral Test (D5)
/ DROLO /etland Hy rimary Ind Surface High W Saturat Sedime Surface Vater I Water I Water-I ield Obse urface Wa vater Table aturation F ncludes ca	Conservation Service upport a listed fairy and wetland hydrology and wetland hydrology and wetland hydrology and wetland hydrology and	ne) nriverine) magery (B'	; 2020). No soil properies. Hydric so	it was dug due to to ils were assumed ils were assumed is (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 on Reduction in Plow plain in Remarks) eches):	Living Roots Ored Soils (Co	Secondary Water Sedime Drift De Draina Dry-Se (C3) Thin M Crayfis Satura Shallov FAC-N	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) eason Water Table (C2) luck Surface (C7) th Burrows (C8) tion Visible on Aerial Imagery (Cay Aquitard (D3) leutral Test (D5)
YDROLO Vetland Hy Primary Ind Surface High W Saturat Sedime Surface Vater I Water-I ield Obse Surface Water Table Saturation Fincludes ca	Conservation Service upport a listed fairy and wetland hydrology Indicators: icators (any one indicate Water (A1) (Acter Table (A2) (Acter Table (A2) (Acter Table (B2) (Acter Table (B3) (Acter	ne) nriverine) magery (B'	; 2020). No soil properies. Hydric so	it was dug due to to ils were assumed ils were assumed is (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 on Reduction in Plow plain in Remarks) eches):	Living Roots Ored Soils (Co	Secondary Water Sedime Drift De Draina Dry-Se (C3) Thin M Crayfis Satura Shallov FAC-N	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) eason Water Table (C2) luck Surface (C7) th Burrows (C8) tion Visible on Aerial Imagery (Cay Aquitard (D3) leutral Test (D5)
YDROLO Vetland Hy Primary Ind Surface High W Saturat Water I Sedime Surface Inundar Water- Gield Obse Surface Wa Vater Table Saturation F ncludes ca	Conservation Service upport a listed fairy and wetland hydrology Indicators: icators (any one indicated water (A1) (ater Table (A2) cion (A3) (ater Table (B2) (ater Table (B3) (ater Table (B3) (ater Table (B3) (ater Table (B4)	ne) magery (B' es C gauge, mo	; 2020). No soil properies. Hydric some species. Hydric some species. Hydric some species. Hydric some species. Hydrogen	it was dug due to tils were assumed it was dug due to tils were assumed it wea	Living Roots A Soils (Compared Soils (Compare	Secondary Water Sedime Drift De Draina Dry-Se (C3) Thin M Crayfis Satura Shallov FAC-N Md Hydrology Pre available:	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) eason Water Table (C2) luck Surface (C7) sh Burrows (C8) tion Visible on Aerial Imagery (Ca) w Aquitard (D3) leutral Test (D5) sent? Yes No
YDROLO Vetland Hy Primary Ind Surface High W Saturat Water I Sedime Surface Inundat Water-t Gield Obse Surface Wa Vater Table Surface Wa Vater Table Saturation F ncludes ca	Conservation Service upport a listed fairy and wetland hydrology Indicators: icators (any one indicated water (A1) (Ater Table (A2) (Another table (e (NRCS y shrimp s ator is suffi ne) nriverine) magery (B') es () es () gauge, mo	; 2020). No soil properies. Hydric so species. Hydric so species. Hydric so species. Hydric so species. Hydrogen	it was dug due to tails were assumed it was dug due to tails were assumed it w	Living Roots Living Roots Wetlar pections), if	Secondary Water Sedime Drift De Draina Dry-Se G(C3) Thin M Crayfis Satura Shallov FAC-N available: Ce of surface soi	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) eason Water Table (C2) luck Surface (C7) th Burrows (C8) tion Visible on Aerial Imagery (Ca) w Aquitard (D3) leutral Test (D5) I cracks, biotic crust, and the
YDROLO Vetland Hydrimary Ind Surface High Water I Sedime Surface Inundat Water-i ield Obse surface Water Table staturation Fincludes ca	Conservation Service upport a listed fairy and wetland hydrology Indicators: icators (any one indicate Water (A1) (Acter Table (A2) (A2) (Acter Table (A2) (A2) (Acter Table (A2) (A2) (A2) (A2) (A2) (A2) (A2) (A2)	e (NRCS y shrimp s ator is suffi ne) nriverine) magery (B' es () es () gauge, mo	; 2020). No soil properies. Hydric so species. Hydric so species. Hydric so species. Hydric so species. Hydrogen	it was dug due to to ils were assumed ils were assumed is (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 on Reduction in Plow plain in Remarks) eches): photos, previous insume of the delineating the area supports	Living Roots Living Roots Wetlar pections), if	Secondary Water Sedime Drift De Draina Dry-Se G(C3) Thin M Crayfis Satura Shallov FAC-N Md Hydrology Pre available: Ce of surface soi ydrology. Water	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) eason Water Table (C2) luck Surface (C7) th Burrows (C8) tion Visible on Aerial Imagery (Cov Aquitard (D3) leutral Test (D5) I cracks, biotic crust, and the rable level and saturation a
/DROLO /etland Hy rimary Ind Surface High W Saturat Sedime Surface Inundat Surface Inundat Atter Table atturation Fincludes ca	Conservation Service upport a listed fairy and wetland hydrology Indicators: icators (any one indicate Water (A1) (Acter Table (A2) (A2) (Acter Table (A2) (A2) (Acter Table (A2) (A2) (A2) (A2) (A2) (A2) (A2) (A2)	e (NRCS y shrimp s ator is suffi ne) nriverine) magery (B' es () es () gauge, mo	; 2020). No soil properies. Hydric so species. Hydric so species. Hydric so species. Hydric so species. Hydrogen	it was dug due to to ils were assumed ils were assumed is (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 on Reduction in Plow plain in Remarks) eches): photos, previous insume of the delineating the area supports	Living Roots Living Roots Wetlar pections), if	Secondary Water Sedime Drift De Draina Dry-Se G(C3) Thin M Crayfis Satura Shallov FAC-N Md Hydrology Pre available: Ce of surface soi ydrology. Water	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) eason Water Table (C2) luck Surface (C7) sh Burrows (C8) tion Visible on Aerial Imagery (Ca) w Aquitard (D3) leutral Test (D5) sent? Yes No
YDROLO Yetland Hyrimary Ind Surface High W Saturat Water I Sedime Drift De Surface Inundar Water eld Obse urface Water Table atturation Fincludes ca	Conservation Service upport a listed fairy and wetland hydrology Indicators: icators (any one indicate Water (A1) (Acter Table (A2) (A2) (Acter Table (A2) (A2) (Acter Table (A2) (A2) (A2) (A2) (A2) (A2) (A2) (A2)	e (NRCS y shrimp s ator is suffi ne) nriverine) magery (B' es () es () gauge, mo	; 2020). No soil properies. Hydric so species. Hydric so species. Hydric so species. Hydric so species. Hydrogen	it was dug due to to ils were assumed ils were assumed is (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 on Reduction in Plow plain in Remarks) eches): photos, previous insume of the delineating the area supports	Living Roots Living Roots Wetlar pections), if	Secondary Water Sedime Drift De Draina Dry-Se G(C3) Thin M Crayfis Satura Shallov FAC-N Md Hydrology Pre available: Ce of surface soi ydrology. Water	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) eason Water Table (C2) luck Surface (C7) th Burrows (C8) tion Visible on Aerial Imagery (Cov Aquitard (D3) leutral Test (D5) I cracks, biotic crust, and the rable level and saturation a

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	o Sampling Date: 3.3.20
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 229
Investigator(s): Beth Proscal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	32.55360142	3	Long: -117.01563516 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent si				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	owing sai	mpling poli	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X	_ 1-41	0 1 1	A
	No X	ıs u	ne Sampled . nin a Wetland	Voc No Y
Wetland Hydrology Present? Yes X	No	_ """	iii a rrouan	~ ·
Remarks: The majority of the vegetation on the site ha	s been dist	urbed due to	past land use	es. This feature was sampled during the growing season and
does not meet the wetland criteria.		'	•	
VEGETATION – Use scientific names of plants		<u> </u>		I Bandana Tartundahadi
Tree Stratum (Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none				Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2.				Total Number of Dominant
3.				Species Across All Strata:3(B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC: 33 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species1 x 1 =1
4				FACW species 1 x 2 = 2
5				FAC species 20 x 3 = 60 FACU species 50
Horb Stratum (Diot aiza:		= Total Cove	er	FACU species 50 x 4 = 200 UPL species 0
Herb Stratum (Plot size:)	1	No	OBL	Column Totals: 72 (A) 263 (B)
2. Hordeum murinum	30	Yes	FACU	(7)
3. Bromus hordeaceus	20	Yes	FACU	Prevalence Index = B/A = 3.65
4. Festuca perennis	20	Yes	FAC	Hydrophytic Vegetation Indicators:
5. Lepidium latipes	1	No	FACW	Dominance Test is >50%
6.				Prevalence Index is ≤3.0¹
7.				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	72	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:				
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
0/ Para Cround in Harb Stratum 20 0/ Co	ver of Dietie	Crust		Vegetation No. V
	ver of Biotic			Present? Yes No X
Remarks: Sample area is a vernal pool that receives ru predominance of hydrophytic vegetation, it does suppor				-watershed. While the sample area does not consist of a
prodominance of hydrophydic vegetation, it does suppor	. One venial	Pool Plant III	aloator specif	oo (i lagiosodii yo adailalidaalpas).

Profile Desci	ription: (Describe to	the depth	needed to docum	ent the ind	icator or c	onfirm t	he absence of	indicators.)
Depth	Matrix			dox Featur			_	
(inches)	Color (moist)		Color (moist)		Type ¹	Loc ²	Texture	Remarks
0-<1	10YR 3/1	99 7	7.5 YR 5/6	1		RC	clay	Redox
<1-4	10YR 3/1	100					clay	No redox
4-18	10YR 4/2	100					clay	No redox
							-	
¹ Type: C=Con	centration, D=Depletion	, RM=Reduce	d Matrix, CS=Covere	d or Coated S	Sand Grains.	2	Location: PL=Pore	E Lining, RC=Root Channel, M=Matrix.
	Indicators: (Applica							or Problematic Hydric Soils ³ :
Histosol	(A1)		Sandy F	Redox (S5)			1 cm M	uck (A9) (LRR C)
— Histic Ep	pipedon (A2)			l Matrix (S6	i)			uck (A10) (LRR B)
Black Hi	stic (A3)		Loamy I	Mucky Mine	eral (F1)		Reduce	d Vertic (F18)
	n Sulfide (A4)			Gleyed Mat				rent Material (TF2)
	Layers (A5) (LRR C	;)		d Matrix (F3	,		X Other (E	Explain in Remarks)
	ick (A9) (LRR D)	- (044)		Oark Surfac	` '			
	d Below Dark Surface ark Surface (A12)	e (A11)		d Dark Surf Depressions			3Indicators o	of hydrophytic vegetation and
	lucky Mineral (S1)			Pools (F9)	s (i 0)			hydrology must be present,
	Gleyed Matrix (S4)			0010 (1 0)				isturbed or problematic.
								'
Type: nor	.ayer (if present):							
· · · · · · · · · · · · · · · · · · ·			_				Lludria Sail Dra	aant? Vaa Na V
Depth (inch	•		_				Hydric Soil Pre	sent? Yes No X
Remarks: In	sufficient amount of	redox found	in top layer of soil	(<1")				
HYDROLOG	Υ							
Wetland Hy	drology Indicators:						Seco	ondary Indicators (2 or more required)
Primary Indi	cators (minimum of o	ne required;	check all that appl	y)			\	Water Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
— High Wa	ater Table (A2)		Biotic Cru	ust (B12)				Orift Deposits (B3) (Riverine)
Saturation	on (A3)		Aquatic I	nvertebrate	s (B13)			Orainage Patterns (B10)
Water M	larks (B1) (Nonriver i	ine)	Hydroger	n Sulfide Od	dor (C1)			Ory-Season Water Table (C2)
Sedimer	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	res along L	iving Ro	ots (C3)	Гhin Muck Surface (С7)
Drift Dep	oosits (B3) (Nonrive i	rine)	Presence	of Reduce	ed Iron (C4)			Crayfish Burrows (C8)
X Surface	Soil Cracks (B6)		Recent Ir	on Reduction	on in Tilled	Soils (C	6)	Saturation Visible on Aerial Imagery (C9)
Inundati	on Visible on Aerial I	magery (B7)	Thin Muc	k Surface ((C7)			Shallow Aquitard (D3)
Water-S	tained Leaves (B9)		Other (Ex	kplain in Re	marks)		F	FAC-Neutral Test (D5)
Field Observ	vations:							
Surface Water		es 1	No X Depth (inc	hes):				
Water Table			No X Depth (inc			-		
Saturation Pr			No X Depth (inc			- Wetla	nd Hydrology	Present? Yes X No
(includes cap			· `	, <u> </u>			, 0,	
Describe Reco	orded Data (stream g	jauge, monit	oring well, aerial ph	notos, previ	ous inspect	ions), if a	available:	
Dama - de Atri	and the second	4		a alotte of				no dia aka kha ak kha a awa a awa a a
Remarks: Alth hydrology.	nough no surface wa	ter was pres	ent at the time of th	ne delineati	on, evidenc	e ot surf	ace soıl cracks i	ndicate that the area supports wetland
nyurology.								

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Diego	Sampling Date: 3.3.20
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 230
Investigator(s): Beth Proscal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	32.55245928	31	Long: -117.015398405 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slo	opes			NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ped?	Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology	natura	ally problema	tic? (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sho	owing saı	mpling poi	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			
	No X		he Sampled A	Yes No X
Wetland Hydrology Present? Yes X	No	— witi	hin a Wetland	ır ——
Remarks: The majority of the vegetation on the site has does not meet the wetland criteria. VEGETATION – Use scientific names of plants.		urbed due to	past land use	s. This feature was sampled during the growing season and
VEGETATION – Use scientific frames of plants.	- Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1. none				That Are OBL, FACW, or FAC:(A)
2. 3.				Total Number of Dominant Species Across All Strata: 2 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC:(A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3				OBL species1 x 1 =1
4				FACW species 0 x 2 = 0
5				FAC species 41 x 3 = 124
		= Total Cove	er	FACU species 10 x 4 = 40
Herb Stratum (Plot size:)	40		=	UPL species 0 x 5 = 0
1. Festuca perennis	40	Yes	FAC	Column Totals:51 (A)161(B)
2. Bromus hordeaceus	10	Yes	FACU	Prevalence Index = B/A = 3.2
3. Atriplex semibaccata	1	No No	FAC ORL	I buduo ultudio Vo sotatio ultudio ataus.
4. Plagiobothrys acanthocarpus 5.		No	OBL	Hydrophytic Vegetation Indicators:
6				Dominance Test is >50% Prevalence Index is ≤3.0¹
7				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	52	= Total Cov	ver	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				Troblemade Trydrophyde Yegetaden (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2				
% Bare Ground in Herb Stratum 48 % Cov	er of Biotic	= Total Cove	ʊ I	Hydrophytic Vegetation Present? Yes No X
Remarks: Sample area is a vernal pool that receives rur			all local micro	
predominance of hydrophytic vegetation, but it supports				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Red	dox Features			
(inches)	Color (moist)	%	Color (moist)	% Type¹	Loc ²	Texture	Remarks
0-3	10YR 3/2	100				clay	
							no raday lata of achilla
3-18	10YR 4/2	100				clay	no redox, lots of cobble
					-		
1Type: C=Cor	 ncentration, D=Depletion	- PM=Reduced	Matrix CS=Covered	or Coated Sand Gra	ine 2 _I	ocation: PI =Pore I	Lining, RC=Root Channel, M=Matrix.
	Indicators: (Applica				III 13. L		r Problematic Hydric Soils ³ :
-		able to all LN					
Histosol	pipedon (A2)			edox (S5) Matrix (S6)			ck (A9) (LRR C) ck (A10) (LRR B)
	istic (A3)			lucky Mineral (F1)			Vertic (F18)
	en Sulfide (A4)			Gleyed Matrix (F2)			ent Material (TF2)
	d Layers (A5) (LRR (:)		Matrix (F3)			(Plain in Remarks)
	uck (A9) (LRR D)	- /		ark Surface (F6)			r
	d Below Dark Surface	e (A11)		l Dark Surface (F7)		
	ark Surface (A12)	` '/		epressions (F8)	,	³ Indicators of	hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal P				ydrology must be present,
	Gleyed Matrix (S4)			,			sturbed or problematic.
	Layer (if present):						
Type:	haa).		_			Lludria Call Drie	ont? Von Na V
Depth (incl	nes):		<u>– </u>			Hydric Soil Pres	ent? Yes No X
HYDROLOG	2V						
						0	adom Indicators (0 as see see see to 1)
_	drology Indicators:		ا المحاد والخاصة	۸		· · · · · · · · · · · · · · · · · · ·	ndary Indicators (2 or more required)
	cators (minimum of c	ne required; c		,			ater Marks (B1) (Riverine)
	Water (A1)		Salt Crust				ediment Deposits (B2) (Riverine)
	ater Table (A2)		Biotic Cru				rift Deposits (B3) (Riverine)
Saturati	` '			vertebrates (B13)		Di	rainage Patterns (B10)
Water M	Marks (B1) (Nonriver	: \		Sulfide Odor (C1)			
		-					ry-Season Water Table (C2)
	nt Deposits (B2) (No	-	Oxidized F	Rhizospheres alon	g Living Roo	ots (C3) Th	nin Muck Surface (C7)
Sedime		nriverine)	Oxidized F	Rhizospheres alon of Reduced Iron (g Living Roo C4)	ots (C3) Th	nin Muck Surface (C7) rayfish Burrows (C8)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized F	Rhizospheres alon	g Living Roo C4)	ots (C3) Th	nin Muck Surface (C7)
Sedime Drift De X Surface	nt Deposits (B2) (No posits (B3) (Nonrive)	nriverine) rine)	Oxidized F Presence Recent Iro	Rhizospheres alon of Reduced Iron (g Living Roo C4)	ts (C3) Th Cı Sa	nin Muck Surface (C7) rayfish Burrows (C8)
Sedime Drift De X Surface Inundati	nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6)	nriverine) rine)	Oxidized F Presence Recent Iro Thin Muck	Rhizospheres alon of Reduced Iron (on Reduction in Til	g Living Roo C4)	ts (C3) Th Ci Si Si	nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9)
Sedime Drift De X Surface Inundati Water-S	nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9)	nriverine) rine)	Oxidized F Presence Recent Iro Thin Muck	Rhizospheres alon of Reduced Iron (on Reduction in Til c Surface (C7)	g Living Roo C4)	ts (C3) Th Ci Si Si	nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) nallow Aquitard (D3)
Sedimer Drift Dep X Surface Inundati Water-S	nt Deposits (B2) (Norposits (B3) (Nonriversity (B6)) (Nonriversity (B6)) (Nonriversity (B6)) (Norposity (B6)) (Norposity (B6)) (Norposity (B6)) (Norposity (B6)) (Norposity (B6)) (Norposity (Norposity (B6))) (Norposity (B6)) (Norposity (B6)) (Norposity (B6))) (Norposity (B6)) (No	nriverine) rine) magery (B7)	Oxidized F Presence Recent Iro Thin Muck Other (Ex	Rhizospheres alor of Reduced Iron (on Reduction in Til c Surface (C7) plain in Remarks)	g Living Roo C4) led Soils (C6	ts (C3) Th Ci Si Si	nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) nallow Aquitard (D3)
Sedimer Drift Der X Surface Inundati Water-S Field Observ Surface Water	nt Deposits (B2) (Nonriversity (B3) (Nonriversity (B3) (Nonriversity (B6) (Nonriversity (B6) (Nonriversity (B6) (Nonriversity (B9) (Nonriversity (B9) (Nonriversity (Nonriversity (B9) (Nonriversity (nriverine) rine) magery (B7) es No	Oxidized F Presence Recent Irc Thin Muck Other (Ex	Rhizospheres alor of Reduced Iron (on Reduction in Til c Surface (C7) plain in Remarks)	g Living Roo C4) led Soils (C6	ts (C3) Th Ci Si Si	nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) nallow Aquitard (D3)
Sedimer Drift Der X Surface Inundati Water-S Field Observ Surface Water Water Table	nt Deposits (B2) (Nonriversity (B3) (Nonriversity (B3) (Nonriversity (B4) (Nonriversity (B4) (Nonriversity (B4) (Nonriversity (B4) (Nonriversity (B4) (Nonriversity (Nonri	mriverine) rine) magery (B7) es No	Oxidized F Presence Recent Irc Thin Muck Other (Exp o X Depth (inch o X Depth (inch	Rhizospheres alor of Reduced Iron (on Reduction in Til c Surface (C7) plain in Remarks) hes):	g Living Roo C4) led Soils (C6	rts (C3)	nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) nallow Aquitard (D3) AC-Neutral Test (D5)
Sedimer Drift Der X Surface Inundati Water-S Field Observ Surface Water Water Table Saturation Pre	nt Deposits (B2) (Nonriversity (B3) (Nonriversity (B4)) (Nonrivers	nriverine) rine) magery (B7) es No	Oxidized F Presence Recent Irc Thin Muck Other (Ex	Rhizospheres alor of Reduced Iron (on Reduction in Til c Surface (C7) plain in Remarks) hes):	g Living Roo C4) led Soils (C6	ts (C3) Th Ci Si Si	nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) nallow Aquitard (D3) AC-Neutral Test (D5)
Sedime Drift Del X Surface Inundati Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap	nt Deposits (B2) (Nonriversity (B3) (Nonriversity (B4)) (Nonrivers	nriverine) rine) magery (B7) es Notes	Oxidized F Presence Recent Irc Thin Muck Other (Exp o X Depth (inch o X Depth (inch	Rhizospheres alor of Reduced Iron (on Reduction in Tile Surface (C7) plain in Remarks) nes): nes):	g Living Roo C4) led Soils (C6	ts (C3) Tr Cl Si F/	nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) nallow Aquitard (D3) AC-Neutral Test (D5)
Sedime Drift Del X Surface Inundati Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap	nt Deposits (B2) (Nonriversity (B3) (Nonriversity (B4)) (Nonrivers	nriverine) rine) magery (B7) es Notes	Oxidized F Presence Recent Irc Thin Muck Other (Exp o X Depth (inch o X Depth (inch	Rhizospheres alor of Reduced Iron (on Reduction in Tile Surface (C7) plain in Remarks) nes): nes):	g Living Roo C4) led Soils (C6	ts (C3) Tr Cl Si F/	nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) nallow Aquitard (D3) AC-Neutral Test (D5)
Sedime Drift Del X Surface Inundati Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap	nt Deposits (B2) (Nonriversity (B3) (Nonriversity (B4)) (Nonrivers	nriverine) rine) magery (B7) es Notes	Oxidized F Presence Recent Irc Thin Muck Other (Exp o X Depth (inch o X Depth (inch	Rhizospheres alor of Reduced Iron (on Reduction in Tile Surface (C7) plain in Remarks) nes): nes):	g Living Roo C4) led Soils (C6	ts (C3) Tr Cl Si F/	nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) nallow Aquitard (D3) AC-Neutral Test (D5)
Sedime Drift De X Surface Inundati Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap Describe Reco	nt Deposits (B2) (Nonriversity (B3) (Nonriversity (B4)) (Nonrivers	magery (B7) es Notes	Oxidized F Presence Recent Irc Thin Muck Other (Exp o X Depth (inch o X Depth (inch o X Depth (inch o X Depth (inch	Rhizospheres alor of Reduced Iron (on Reduction in Tile Surface (C7) plain in Remarks) nes): nes): nes):	g Living Roo C4) led Soils (C6	ots (C3) Tr C1 C1 S2 S1 F/ C1 Prod Hydrology P Vailable:	nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) nallow Aquitard (D3) AC-Neutral Test (D5)
Sedime Drift De X Surface Inundati Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap Describe Reco	nt Deposits (B2) (Nonriversity (B3) (Nonriversity (B4)) (Nonrivers	magery (B7) es Notes	Oxidized F Presence Recent Irc Thin Muck Other (Exp o X Depth (inch o X Depth (inch o X Depth (inch o X Depth (inch	Rhizospheres alor of Reduced Iron (on Reduction in Tile Surface (C7) plain in Remarks) nes): nes): nes):	g Living Roo C4) led Soils (C6	ots (C3) Tr C1 C1 S2 S1 F/ C1 Prod Hydrology P Vailable:	nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) nallow Aquitard (D3) AC-Neutral Test (D5) resent? Yes X No
Sedime Drift De X Surface Inundati Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap Describe Reco	nt Deposits (B2) (Nonriversity (B3) (Nonriversity (B4)) (Nonrivers	magery (B7) es Notes	Oxidized F Presence Recent Irc Thin Muck Other (Exp o X Depth (inch o X Depth (inch o X Depth (inch o X Depth (inch	Rhizospheres alor of Reduced Iron (on Reduction in Tile Surface (C7) plain in Remarks) nes): nes): nes):	g Living Roo C4) led Soils (C6	ots (C3) Tr C1 C1 S2 S1 F/ C1 Prod Hydrology P Vailable:	nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) nallow Aquitard (D3) AC-Neutral Test (D5) resent? Yes X No
Sedime Drift De X Surface Inundati Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap Describe Reco	nt Deposits (B2) (Nonriversity (B3) (Nonriversity (B4)) (Nonrivers	magery (B7) es Notes	Oxidized F Presence Recent Irc Thin Muck Other (Exp o X Depth (inch o X Depth (inch o X Depth (inch o X Depth (inch	Rhizospheres alor of Reduced Iron (on Reduction in Tile Surface (C7) plain in Remarks) nes): nes): nes):	g Living Roo C4) led Soils (C6	ots (C3) Tr C1 C1 S2 S1 F/ C1 Prod Hydrology P Vailable:	nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) nallow Aquitard (D3) AC-Neutral Test (D5) resent? Yes X No

Project/Site: Southwest Village Specific Plan Project		City/Count	y:San Diego)	Sampli	ing Date:3/3/2	2020
Applicant/Owner: Pardee Homes				State:CA		ng Point:233	
Investigator(s): Beth Procsal and JR Sundberg		Section, T	ownship, Rar	nge:Section 31, T1	8S R01W		
Landform (hillslope, terrace, etc.): mesa top		Local relie	f (concave, c	convex, none):conca	ive	Slope (%):0-2
Subregion (LRR):C - Mediterranean California	Lat:32.5	552077040	01	Long:-117.015332	2601	—— Datum:∖	NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 30 to 50 p	_		-		ssification:No		
Are climatic / hydrologic conditions on the site typical for this			No C				
	-	disturbed?		Normal Circumstanc			No 🔘
	•	oblematic?		eded, explain any ar	-		
SUMMARY OF FINDINGS - Attach site map s							res, etc.
		<u> </u>		·	<u> </u>		
		ls t	he Sampled	Area			
			hin a Wetlan		No	\circ	
Remarks: The majority of the vegetation on the site ha	as been d				ıral hydrolo	ogy of the ar	ea, in
general, has been altered due to off-road act							
problematic due to the seasonality of their p	resence	with hydr	ology restri	cted to the winter	and vegetat	tion to the la	ite winter
and early spring months each year.							+
VEGETATION							
_	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test v			
1.None	76 COVEL	Species?	Status	Number of Domina That Are OBL, FAC		1	(A)
2.						1	(/-)
3.				Total Number of Do Species Across All		1	(B)
4.				Species Across Air	Oliala.	1	(6)
Total Cover:	. %			Percent of Domina That Are OBL, FAC		100.00	% (A/B)
Sapling/Shrub Stratum	, , , ,					100.09	% (A/D)
1. <i>None</i>			lacksquare	Prevalence Index			
2			▼	Total % Cover		Multiply by	
3		\blacksquare	▼	OBL species		x 1 =	0
4				FACW species		x 2 =	0
5		▼	lacksquare	FACIL anguing	72		147
Total Cover:	%			FACU species UPL species	1	x 4 = x 5 =	4
1.Festuca perennis	45	Yes	FAC	-	1		5 156 (B)
2. Sonchus oleraceus		No	UPL	Column Totals:	51	A)	156 (B)
3. Medicago polymorpha		No	FAC	Prevalence Ir	ndex = B/A =	= 3	3.06
4. Hordeum murinum		No	FACU	Hydrophytic Vege	tation Indic	ators:	
5.		V	▼	X Dominance Te	st is >50%		
6.				Prevalence Inc			
7.		T		Morphological	Adaptations	¹ (Provide sup a separate she	porting
8.		T	·	Problematic H			
Total Cover:	51 %				yaropriyuc v	egetation (Ex	(piairi)
Woody Vine Stratum				¹ Indicators of hydri	ic soil and w	etland hydrol	oay muet
1.None				be present.	ic soil and w	reliand hydrol	ogy must
2		V		Hydrophytic			
Total Cover:	%			Vegetation			
% Bare Ground in Herb Stratum 49 % Cover	of Biotic C	rust	%	Present?	Yes 💿	No 🔘	
Remarks: No ACOE vernal pool plant indicator spec	ies were	present w	ithin the ba	nsin.			

Depth	cription: (Describe t Matrix		Redov	Features				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture ³	Remarks
					▼	▼		
					\blacksquare	\blacksquare		
						▼		
					\blacksquare	\blacksquare		
					▼	T		
	Concentration, D=Depl						=Root Channel, M=N	
					ndy Loam,	Clay Loam		ilt Loam, Silt, Loamy Sand, Sand
Hydric Soil	Indicators: (Applicable	to all LRRs,	unless otherwise r				Indicators for Prot 1 cm Muck (A	o) (LBB C)
	pipedon (A2)		Stripped Mati	. ,			2 cm Muck (A	
	listic (A3)		Loamy Mucky		(F1)		Reduced Vert	
	en Sulfide (A4)		Loamy Gleye				Red Parent M	
Stratifie	d Layers (A5) (LRR C)	Depleted Mat	rix (F3)			Other (Explain	n in Remarks)
	uck (A9) (LRR D)		Redox Dark	,	,		_	
	ed Below Dark Surface	(A11)	Depleted Dar					
	ark Surface (A12)		Redox Depre		- 8)		4	
_	Mucky Mineral (S1)		Vernal Pools	(F9)			=	ophytic vegetation and
	Gleyed Matrix (S4) Layer (if present):					ſ	welland nydrol	ogy must be present.
Type:	Layer (ii present).							
Depth (ir	ochee).						Hydric Soil Presei	nt? Yes No
	Iuerhuero loam soil	corioc ic on	the Undrie Soils	of Con	Diago Co	nunty list	-	
			•		_			ential vernal pool and may
								ence of hydrophytic vegetation
	nd wetland hydrolo		cies. Hydric sons	were a	ssumed to	o oc prese	ant due to the press	ence of nydrophytic vegetation
Wetland Hy	drology Indicators:						Secondary In	dicators (2 or more required)
Primary Ind	icators (any one indica	tor is sufficie	nt)				Water M	arks (B1) (Riverine)
Surface	Water (A1)		Salt Crust (E	311)			Sedimen	t Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Crust	(B12)			Drift Dep	oosits (B3) (Riverine)
_	ion (A3)		Aquatic Inve	ertebrate	s (B13)			e Patterns (B10)
Water N	Marks (B1) (Nonriveri i	ne)	Hydrogen S	u l fide Od	lor (C1)		Dry-Sea	son Water Table (C2)
Sedime	ent Deposits (B2) (Non	riverine)	Oxidized Rh	iizosphei	es along L	iving Roots	s (C3) 🗍 Thin Mu	ck Surface (C7)
Drift De	posits (B3) (Nonriver i	ine)	Presence of	Reduce	d Iron (C4)		Crayfish	Burrows (C8)
Surface	Soil Cracks (B6)		Recent Iron	Reduction	n in P l owe	ed Soils (Co	6) 🗍 Saturatio	on Visib l e on Aerial Imagery (C9)
	ion Visib l e on Aerial Ir	nagery (B7)	Other (Expl	ain in Re	marks)		Shallow.	Aquitard (D3)
☐ Water-9	Stained Leaves (B9)		<u> </u>				FAC-Nei	utral Test (D5)
Field Obse	rvations:							
Surface Wa	ter Present? Ye	s No	Depth (inch	nes):				
Water Table	e Present? Ye	es O No	Depth (incl	nes):				
Saturation F	Present? Ye	s No	Depth (incl	nes):		,,,,,,		10 1/ 0 1/ 0
	pillary fringe) ecorded Data (stream	aauaa manit	oring wall carial ph		vieus inen	l l	nd Hydrology Prese	ent? Yes (•) No (
	soorusu Data (Siream)	gauge, monit	omig well, aerial pr	iolos, pre	zvious ilisp	ecuons), II	avallable.	
Describe Re								
							as of curfoss soil	orgalic and the processes of Sc
Remarks:A	lthough no surface v							
Remarks:A	iego fairy shrimp ar	nd hydrophy	tic vegetation in	dicate tl	nat the are	ea support	ts wetland hydrolo	gy. Water table level and
Remarks:A D sa	iego fairy shrimp ar turation are not kno	nd hydrophy	tic vegetation in	dicate tl	nat the are	ea support	ts wetland hydrolo	
Remarks:A D sa	iego fairy shrimp ar	nd hydrophy	tic vegetation in	dicate tl	nat the are	ea support	ts wetland hydrolo	gy. Water table level and
Remarks:A D sa	iego fairy shrimp ar turation are not kno	nd hydrophy	tic vegetation in	dicate tl	nat the are	ea support	ts wetland hydrolo	gy. Water table level and

Project/Site: Southwest Village Specific Plan Project		City/Count	y:San Diego)	Sampl	ing Date:3/3	/2020	
Applicant/Owner: Pardee Homes				State:CA		ing Point:234		
Investigator(s): Beth Procsal and JR Sundberg		Section, To	ownship, Rar	nge:Section 31, T1	8S R01W			
Landform (hillslope, terrace, etc.): mesa top		Local relie	f (concave, c	convex, none):conca	ive	Slope	(%):0-2	2
Subregion (LRR):C - Mediterranean California	Lat:32.5	552106379		Long:-117.015215		 Datum:	NAD8	33
Soil Map Unit Name: Olivenhain cobbly loam, 30 to 50 p	_				ssification:N			
Are climatic / hydrologic conditions on the site typical for this		•	No C					
	-	disturbed?	_	Normal Circumstance			No ($\overline{}$
		oblematic?		eded, explain any an	-	~	110 (
SUMMARY OF FINDINGS - Attach site map s							ures,	etc.
		<u> </u>		,				
		ls t	he Sampled	Area				
			hin a Wetlan		No	0		
Remarks: The majority of the vegetation on the site ha	as been d	I			\sim	~	rea, in	1
general, has been altered due to off-road act								
problematic due to the seasonality of their p	resence	with hydr	ology restri	cted to the winter	and vegeta	tion to the l	ate wi	nter
and early spring months each year.								+
VEGETATION								
_	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test v				
1.None	70 COVE	Species:	_ Status	Number of Domina That Are OBL, FAC		1	(A)
2.						1	(4	'''
3.				Total Number of Do Species Across All		1	(B)
4.				•		1	(·
Total Cover:				Percent of Domina That Are OBL, FAC		100.0	0/. (/	4/B)
Sapling/Shrub Stratum						100.0	70 (7	
1. <u>None</u>			▼	Prevalence Index				
2			V	Total % Cover		Multiply b	_	
3.				OBL species		x 1 =	0	
4				FACW species FAC species		x 2 = x 3 =	0	
5Total Cover:	%			FACU species	31	x 4 =	171	
Herb Stratum	70			UPL species	4	x 5 =	8	
1. Festuca perennis	55	Yes	FAC	Column Totals:	1	(A)	5 184	(B)
2.Medicago polymorpha	2	No	FAC	Column Fotals.	60	,,,	104	(5)
3. Sonchus oleraceus	1	No	UPL	Prevalence Ir			3.07	
4. Hordeum murinum		No	FACU	Hydrophytic Vege		ators:		
5.		lacksquare		X Dominance Te				
6		lacksquare		Prevalence Inc		1		
7		lacksquare		Morphological	Adaptations narks or on a	s' (Provide su a separate sh	ipportin neet)	g
8		lacksquare	▼	Problematic Hy			•	
Total Cover: Woody Vine Stratum	60 %				,	-3(=	,	
1.None		T	▼	¹ Indicators of hydri	ic soil and v	vetland hydro	ology m	nust
2.				be present.		·		
Total Cover:				Hydrophytic				
		·4	0.7	Vegetation	V O			
	of Biotic C		<u>%</u>	Present?	Yes	No 🔘		
Remarks: No ACOE vernal pool plant indicator spec	cies were	present w	ithin the ba	ısin.				

SOIL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

_	Color (moist)	%	Color (moist)	%	_Type ¹	_Loc²	Texture ³	Remarks
				_	▼	V		
·					T			
					\blacksquare	\blacksquare		
					\blacksquare	\blacksquare		
	oncentration, D=Deple					-		nel, M=Matrix.
					ndy Loam,	Clay Loan		oam, Silt Loam, Silt, Loamy Sand, Sand for Problematic Hydric Soils⁴:
Histosol	idicators: (Applicable (A1)	to all LKK	s, unless otherwise Sandy Redo					Muck (A9) (LRR C)
	pipedon (A2)		Stripped M	. ,				Muck (A10) (LRR B)
Black His			Loamy Mu		I (F1)			ed Vertic (F18)
Hydroge	n Sulfide (A4)		Loamy Gle	yed Matrix	(F2)		Red P	arent Material (TF2)
	I Layers (A5) (LRR C))	Depleted M	, ,			Other	(Exp l ain in Remarks)
1 1	ck (A9) (LRR D)	(8.4.4)	Redox Dar		,			
	Below Dark Surface	(A11)	Depleted D					
	rk Surface (A12) lucky Mineral (S1)		Redox Dep Vernal Poo		-0)		⁴ Indicators	of hydrophytic vegetation and
	leyed Matrix (S4)		veman oo	13 (1 3)				hydrology must be present.
	_ayer (if present):							3 33 1
Type:	,							
Depth (inc	ches):						Hydric Soil	Present? Yes No
Remarks: ()]	ivenhain cobbly lo	am soil se	ries is on the Hy	dric Soils	of San I	Diego Cou	ınty list obta	ained from the Natural Resource
				n was uu	g due to t		e point being	
su	pport a listed fairy					he sample		g a potential vernal pool and may
	pport a listed fairy d wetland hydrolog	shrimp sp				he sample		
an	d wetland hydrolog	shrimp sp				he sample		g a potential vernal pool and may
an IYDROLO	d wetland hydrolog	shrimp sp				he sample	ent due to th	g a potential vernal pool and may
an IYDROLO Wetland Hyc	d wetland hydrolog GY	shrimp sp	ecies. Hydric so			he sample	ent due to th	g a potential vernal pool and may e presence of hydrophytic vegetation
an HYDROLO Wetland Hyd Primary Indic	d wetland hydrolos GY drology Indicators:	shrimp sp	ecies. Hydric so	ils were a		he sample	Secon V	g a potential vernal pool and may e presence of hydrophytic vegetation
An IYDROLOG Wetland Hyd Primary Indic	d wetland hydrolog GY drology Indicators: eators (any one indicators)	shrimp sp	ecies. Hydric so	ils were a		he sample	Secon V	g a potential vernal pool and may e presence of hydrophytic vegetation adary Indicators (2 or more required) Vater Marks (B1) (Riverine)
And HYDROLOG Wetland Hyderimary Indice Surface	d wetland hydrolog GY drology Indicators: eators (any one indicators) Water (A1) ter Table (A2)	shrimp sp	ecies. Hydric so ent) Salt Crust Biotic Cru	ils were a	ssumed t	he sample	Secor V	g a potential vernal pool and may e presence of hydrophytic vegetation and any Indicators (2 or more required) Vater Marks (B1) (Riverine) Rediment Deposits (B2) (Riverine)
And HYDROLOG Wetland Hydrogen Primary Indice Surface High Wa	d wetland hydrolog GY drology Indicators: eators (any one indicators) Water (A1) ter Table (A2)	shrimp sp	ecies. Hydric so ent) Salt Crust Biotic Cru Aquatic In	ils were a	ssumed t	he sample	Secon W	g a potential vernal pool and may e presence of hydrophytic vegetation and any Indicators (2 or more required) Vater Marks (B1) (Riverine) Rediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine)
And HYDROLOG Wetland Hydrogen Surface Wetland Water M.	d wetland hydrolog GY drology Indicators: eators (any one indicators) Water (A1) ter Table (A2) on (A3)	shrimp sp	ent) Salt Crust Biotic Cru Aquatic In Hydrogen	ils were a (B11) st (B12) vertebrate Sulfide Oc	ssumed t	he sample	Secon V S S	g a potential vernal pool and may e presence of hydrophytic vegetation and ary Indicators (2 or more required) Vater Marks (B1) (Riverine) deciment Deposits (B2) (Riverine) derift Deposits (B3) (Riverine) derinage Patterns (B10)
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Applicant/Owner: Pardee Homes
Local relief (concave, convex, none): Concave Slope (%): 0-2
Local relief (concave, convex, none): Concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California
Soil Map Unit Name: Olivenhain cobbly loam, 30 to 50 percent slopes Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.) Are Vegetation X, Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrohytic Vegetation Present? Yes X No Hydrology Present? Yes X No Heland VEGETATION – Use scientific names of plants. Tree Stratum (Plot size:) Absolute Dominant Indicator Status Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A) Total Number of Dominant Species That Are OBL, FACW, or FAC: 3 (B) Hydrology Present Yes X No Heland Hydrology Present Yes X No Heland Hydrology Present? Yes X No No Hydrology Present? Yes X N
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.) Are Vegetation X, Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes X No Hydrology Present? Yes X No Yes X
Are Vegetation X, Soil , or Hydrologysignificantly disturbed?
Are Vegetation, Soll, or Hydrologynaturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present?
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes X No Hydro Soil Present? Yes X No Wetland Hydrology Present? Yes X No Wetland? Yes X No Yes X No Wetland? Yes X No Wetl
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Wetland Hydrology Present? Yes X No Demands Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and meets the wetland criteria. VEGETATION - Use scientific names of plants. Tree Stratum (Plot size:)
VEGETATION – Use scientific names of plants. Iree Stratum (Plot size:) 1. none 2
VEGETATION – Use scientific names of plants. Iree Stratum (Plot size:) 1. none 2
Tree Stratum (Plot size:) Absolute % Cover Dominant Species? Indicator Status Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A) 1. none = Total Cover = Total Cover Total Number of Dominant Species Across All Strata: 3 (B) Sapling/Shrub Stratum (Plot size:) Percent of Dominant Species That Are OBL, FACW, or FAC: 67 (A/B) 1. none Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species X 1 = FACW species X 2 = FAC species X 3 = FAC species X 3 = FACU species X 4 = UPL species X 4 = UPL species X 5 = UP
Absolute Species Status Indicator Status Number of Dominant Species Status Number of Dominant Species Status Number of Dominant Species Status S
Tree Stratum (Plot size:) Absolute % Cover Dominant Species? Indicator Status Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A) 1. none = Total Cover = Total Cover Total Number of Dominant Species Across All Strata: 3 (B) Sapling/Shrub Stratum (Plot size:) Percent of Dominant Species That Are OBL, FACW, or FAC: 67 (A/B) 1. none Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species X 1 = FACW species X 2 = FAC species X 3 = FAC species X 3 = FACU species X 4 = UPL species X 4 = UPL species X 5 = UP
Tree Stratum (Plot size:) % Cover Species? Status Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A) 2. Total Number of Dominant Species Across All Strata: 3 (B) 4. Percent of Dominant Species That Are OBL, FACW, or FAC: 67 (A/B) Sapling/Shrub Stratum (Plot size:) Prevalence Index worksheet: 67 (A/B) 2. Total % Cover of: Multiply by: Multiply by: OBL species x 1 = FACW species x 2 = FACW species x 3 = FACU species x 3 = FACU species x 4 = UPL species x 5 = UPL species X
1. none That Are OBL, FACW, or FAC: 2 (A) 2. Total Number of Dominant Species Across All Strata: 3 (B) 4. Percent of Dominant Species That Are OBL, FACW, or FAC: 67 (A/B) Sapling/Shrub Stratum (Plot size:)) 1. none Prevalence Index worksheet: 2. Total % Cover of: Multiply by: 3. OBL species x1 = 4. FACW species x2 = 5. FAC species x3 = FAC species x3 = FACU species x4 = Herb Stratum (Plot size:) UPL species x5 =
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Sapling/Shrub Stratum (Plot size:)
Prevalence Index worksheet: 2. Total % Cover of: Multiply by: 3. OBL species x 1 = 4. FACW species x 2 = 5. FAC species x 3 = = Total Cover FACU species x 4 = UPL species x 5 =
2. Total % Cover of: Multiply by: 3. OBL species x 1 = 4. FACW species x 2 = 5. FAC species x 3 = FACU species x 4 = UPL species x 5 =
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3. OBL species x 1 = 4. FACW species x 2 = 5. FAC species x 3 = FACU species x 4 = UPL species x 5 =
4. FACW species x 2 = 5. FAC species x 3 = FACU species x 4 = UPL species x 5 =
= Total Cover FACU species x 4 = UPL species x 5 =
Herb Stratum (Plot size:
1. <u>Lilaea scilloides</u> 3 No OBL Column Totals: (A)(B)
2. Psilocarphus brevissimus 5 Yes FACW Prevalence Index = B/A =
3. Plagiobothrys acanthocarpus 1 No OBL
4. Spergularia bocconi 1 No FACW Hydrophytic Vegetation Indicators:
5. Juncus bufonius 1 No FACW X Dominance Test is >50%
6. <u>Lythrum hyssopifolia</u> 1 No OBL Prevalence Index is ≤3.0¹
7. Festuca perennis 10 Yes FAC Morphological Adaptations¹ (Provide supporting
So Usuda was necessary as the Remarks or on a separate sheet)
8. Hordeum murinum 5 Yes FACU data in Remarks or on a separate sheet)
27 = Total Cover Problematic Hydrophytic Vegetation¹ (Explain)
Your Stratum Your
27 = Total Cover Problematic Hydrophytic Vegetation¹ (Explain) Woody Vine Stratum (Plot size:) 1. none
27
27
27
27
27
27

Redox Features

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth

Matrix

(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-5	10YR 4/1	97	5YR 5/6	3		M	clay	redox
5-18	10YR 3/2	100					sandy clay	no redox
J-10	10113/2						Sariuy Clay	- III Tedox
	-							
		- ——						·
¹ Type: C=Co	oncentration, D=Depletio	n, RM=Redu	ıced Matrix, CS=Covered	or Coated	Sand Grain	s. 2	Location: PL=Pore	Lining, RC=Root Channel, M=Matrix.
Hydric Soi	il Indicators: (Applic	able to all	LRRs, unless other	wise note	d.)		Indicators fo	or Problematic Hydric Soils³:
Histoso	ol (A1)		Sandy F	edox (S5)			1 cm Mu	ck (A9) (LRR C)
Histic E	Epipedon (A2)		Stripped	Matrix (S6	3)		2 cm Mu	ck (A10) (LRR B)
	Histic (A3)			/lucky Mine				Vertic (F18)
	jen Sulfide (A4)			Sleyed Mat				ent Material (TF2)
	ed Layers (A5) (LRR	C)	X Depleted				X Other (Ex	xplain in Remarks)
	fluck (A9) (LRR D)	(4.44)		ark Surfac	` '			
	ed Below Dark Surfac	ce (A11)		d Dark Sur	, ,		31	The salar and the salar are salar discountries.
	Dark Surface (A12)			epression	s (F8)			hydrophytic vegetation and
	Mucky Mineral (S1) Gleyed Matrix (S4)		vernai F	ools (F9)				ydrology must be present, sturbed or problematic.
							uriless dis	surbed or problematic.
	Layer (if present):							
Type:								
Depth (inc	ches):						Hydric Soil Pres	ent? Yes X No No
Remarks: c	depleted matrix prese	nt in top so	il laver				•	
			,					
HYDROLO	GY							
Wetland H	ydrology Indicators	s:					Seco	ndary Indicators (2 or more required)
Primary Inc	dicators (minimum of	one require	ed; check all that appl	/)			W	/ater Marks (B1) (Riverine)
Surfac	e Water (A1)		Salt Crus	t (B11)			S	ediment Deposits (B2) (Riverine)
High W	/ater Table (A2)		X Biotic Cru	st (B12)			D	rift Deposits (B3) (Riverine)
	tion (A3)		X Aquatic Ir		es (B13)			rainage Patterns (B10)
	Marks (B1) (Nonrive	rine)		Sulfide O				ry-Season Water Table (C2)
	ent Deposits (B2) (No			Rhizosphe	, ,	Livina Ro		nin Muck Surface (C7)
	eposits (B3) (Nonrive	,		of Reduce	_	_	· · · —	rayfish Burrows (C8)
	e Soil Cracks (B6)	,,,,,,		on Reducti	`	,		aturation Visible on Aerial Imagery (C9)
	ition Visible on Aerial	Imagery (F		k Surface		u 000 (0		hallow Aquitard (D3)
	Stained Leaves (B9)	0 , (<i>'</i>	plain in Re	-			AC-Neutral Test (D5)
				piairiiiii	ornarko)		'	To Hourai Tool (Bo)
Field Obse								
		Yes						
Water Table			No X Depth (incl			_		
Saturation F		Yes	No X Depth (incl	nes):		Wetla	ind Hydrology P	resent? Yes X No
`	apillary fringe)							
Describe Re	corded Data (stream	gauge, mo	nitoring well, aerial ph	otos, previ	ious inspe	ctions), if	available:	
Remarks: Al	Ithough no surface w	ater was no	esent at the time of th	e delinesti	ion evider	nce of surf	ace soil cracks h	iotic crust, and aquatic invertebrates all
	the area supports we			o uciii icali	on, evidel	ioc oi sull	acc soil clacks, b	nono orasi, ana aquano invertebrates dil
		,	5 ,					

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	o Sa	ampling Date: <u>3/3/2020</u>
Applicant/Owner: Pardee Homes				State: CA Sa	ampling Point: 237
Investigator(s): B. Procsal and J. Sundberg		Section,	Township, R	ange: Section 31, T18S R01	1W
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave	Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: :	32.55213818	87	Long: -117.015097237	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification:	None
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o(If no, explain in Re	emarks.)
Are Vegetation X, Soil , or Hydrology	signifi	icantly disturb	ed?	Are "Normal Circumstances"	present? Yes X No
Are Vegetation, Soil, or Hydrology	natura	ally problemat	tic? ((If needed, explain any answe	ers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poi	nt locations	s, transects, important fe	eatures, etc.
Hydrophytic Vegetation Present? Yes X	_No	_ le th	ne Sampled A	Aroa	
Hydric Soil Present? Yes X	_No		nin a Wetland	Yes X	No
Wetland Hydrology Present? Yes X	No	_			
Remarks: The majority of the vegetation on the site had meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed dde to j	past land use	s. This leature was sampled	uding the glowing season and
To a Otratago (Distribus	Absolute	Dominant	Indicator	Dominance Test workshe	eet:
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Speci	
2.				That Are OBL, FACW, or F Total Number of Dominant	. ,
3				Species Across All Strata:	(B)
4		= Total Cove	er	Percent of Dominant Speci That Are OBL, FACW, or F	
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index worksh	
2				Total % Cover of: OBL species	Multiply by:
3				FACW species	x 1 = x 2 =
4. 5.				FAC species	x 3 =
J		= Total Cove		FACU species	x 4 =
Herb Stratum (Plot size:		rotal Gove	21	UPL species	x 5 =
1. Hordeum marinum	20	yes	FAC	Column Totals:	(A)(B)
2. Mesembryanthemum nodiflorum	1	no	FACU	Dravalance Index =	P/A = 2.66
3. Atriplex semibaccata	1	no	FAC	Prevalence Index =	B/A = 3.00
4. Festuca perennis	10	yes	FAC	Hydrophytic Vegetation I	ndicators:
5				X Dominance Test is >	50%
6				Prevalence Index is :	≤3.0 ¹
7. 8.					ations¹ (Provide supporting or on a separate sheet)
	32	= Total Cov	/er		nytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				i robiomato riyaropi	Tytio Vogotation (Explain)
1. none				¹ Indicators of hydric soil ar be present, unless disturb	nd wetland hydrology must
2		T-4-1-0			
% Bare Ground in Herb Stratum 68 % Co	ver of Biotic	= Total Cove	er	Hydrophytic Vegetation Present? Yes	X No
Remarks: Sample area receives runoff from a relatively	small local	micro-waters	hed. The san	 nple area supports a predomi	nance of hydrophytic
vegetation		-			, , , , -

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ıres		_				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textur	e	Ren	narks	
0-5	10YR 5/1	100					clay				
5-18	10YR 4/3	100					clay				
	-						- 				
					· ·		-				
					· ·						
					·						
¹ Type: C=C	oncentration, D=Depletio	n, RM=Reduce	d Matrix, CS=Covere	d or Coated	Sand Grain	s. ²	Location: PL=	Pore Lining,	RC=Root Chan	nel, M=Matrix.	
Hydric So	il Indicators: (Applic	able to all LF	RRs, unless other	wise note	d.)		Indicato	rs for Pro	blematic Hyd	ric Soils ³ :	
Histos	ol (A1)		Sandy F	Redox (S5))		1 cn	n Muck (A9) (LRR C)		
Histic I	Epipedon (A2)		Stripped	Matrix (S	6)		2 cn	n Muck (A1	0) (LRR B)		
	Histic (A3)			Mucky Min				uced Verti			
	gen Sulfide (A4)			Gleyed Ma	, ,				iterial (TF2)		
	ed Layers (A5) (LRR	C)	_x_Deplete				Othe	er (Explain	in Remarks)		
	/luck (A9) (LRR D) ed Below Dark Surfac	·ο (Λ11)		Dark Surfa d Dark Su	` '						
	ed Below Dark Surfac Dark Surface (A12)	e (ATT)		Dark Sur Depression	` '		3Indicate	rs of hydro	phytic vegetat	ion and	
	Mucky Mineral (S1)			Pools (F9)	15 (1 0)			•	gy must be pr		
	Gleyed Matrix (S4)			()				-	d or problemat		
Restrictive	Layer (if present):										
Type:	Layor (ii process)										
Depth (in	ches):		<u> </u>				Hydric Soil	Present?	Yes X	No	
	depleted matrix obser		<u> </u>				1				
HYDROLO	GY										
	lydrology Indicators						<u> </u>			or more requ	ıired)
	dicators (minimum of	one required;							larks (B1) (Ri v	-	
	e Water (A1)		Salt Crus	, ,			_		nt Deposits (B		
	Vater Table (A2)		Biotic Cru	, ,			_		posits (B3) (R i		
	ation (A3)		X Aquatic I		. ,		_	~	e Patterns (B	,	
	Marks (B1) (Nonrive		· ·	Sulfide C	, ,		- (00)		ason Water Ta	. ,	
l —	ent Deposits (B2) (No	•			eres along		ots (C3) _		ick Surface (C	-	
	eposits (B3) (Nonrive	erine)			ed Iron (C	•	-		Burrows (C8)		(CO)
	e Soil Cracks (B6) ation Visible on Aerial	Imagany (P7)			tion in Tille	a Solis (Ci	o) <u> </u>	_		Aerial Imagery	(C9)
l —	-Stained Leaves (B9)	iiiagery (b <i>r)</i>		k Surface oplain in R			_		· Aquitard (D3) eutral Test (D5		
	. ,			CPIGITITITY	ornanto)		_			7	
Field Obse		/ \	L. V. D. andle Co. a	L V							
	ater Present?	es r	lo X Depth (inc	nes):		_					
Water Table			No X Depth (inc			_	ما المسام	D	42 Vaa	V Na	
Saturation I	Present? apillary fringe)	es r	lo X Depth (inc	nes):		— wetia	and Hydrolo	gy Presen	t? Yes_	X_No	
F	ecorded Data (stream	gauge, monito	oring well, aerial ph	notos, prev	ious inspe	ctions). if a	available:				
	(J ,	J , p.	, [-,,					
	Ithough no surface wa										
were conductive wetland hyd	cted within this pool. T rology.	nereiore, evic	Jerice of Sultace So	л сгаскѕ а	ına me pre	sence of S	oan Diego fa	ııry snrimp	indicate that th	ie area suppor	เร
	· -·- 31·										
LIC Army Co	orns of Engineers								Arid \A/a	et _ Version 2	0

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	o Sampling Date: 3/3/2020
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 238
Investigator(s): Beth Procsal and JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.549067559	92	Long: -117.016368445 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No
Are Vegetation , Soil , or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			
	No X	15 ti	he Sampled nin a Wetlan	YAS NO X
Wetland Hydrology Present? Yes X	No	witi	iiii a vvetiaii	<u> </u>
Remarks: The majority of the vegetation on the site had does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to p	past land use	es. This feature was sampled during the growing season and
VEGETATION – Use scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species
1. None 2.				That Are OBL, FACW, or FAC: 0 (A) Total Number of Dominant
3				Species Across All Strata:1 (B)
4.				Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)
		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)				Durandaman Indon wandrahaati
1. None 2.				Prevalence Index worksheet: Total % Cover of: Multiply by:
				OBL species 1 x 1 = 1
				FACW species 0 x 2 = 2
				FAC species 0 x 3 = 6
o		= Total Cove		FACU species 1 x 4 = 4
Herb Stratum (Plot size:		10101 0010	٥.	UPL species 12 x 5 = 60
1. Plagiobothrys acanthocarpus	1	No	OBL	Column Totals: 14 (A) 65 (B)
2. Bromus madritensis	10	Yes	UPL	Drawalanca Inday - D/A - A CA
3. Centaurea melitensis	1	No	UPL	Prevalence Index = B/A = 4.64
4. Sonchus oleraceus	1	No	UPL	Hydrophytic Vegetation Indicators:
5. Lasthenia gracilis	1	No	FACU	Dominance Test is >50%
6				Prevalence Index is ≤3.0¹
7				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
8				·
Manka Vina Chatana (Diataina	14	= Total Cov	/er	X Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				1
1. <u>None</u> 2.				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
		= Total Cove		Hydrophytic
% Bare Ground in Herb Stratum 86 % Co	ver of Biotic		0	Vegetation Present? Yes X No
Remarks: Sample area is a vernal pool that receives ru				
predominance of hydrophytic vegetation, it does suppor				

Profile Desc	ription: (Describe	to the depth nee	eded to docur	nent the ind	icator or c	onfirm th	he absence	of indicato	rs.)	
Depth	Matrix			Redox Featur					-	
(inches)	Color (moist)	%(Color (moist)	%	Type ¹	Loc ²	Textur	<u>e</u>	Remar	ks
	-						·			
¹ Type: C=Co	ncentration, D=Deple	ion, RM=Reduced M	latrix, CS=Cover	ed or Coated S	Sand Grains.	² L	Location: PL=	Pore Lining, R	C=Root Channel,	M=Matrix.
Hydric Soil	Indicators: (Appl	icable to all LRR	s, unless othe	rwise noted	l.)		Indicato	ors for Prob	lematic Hydric	Soils ³ :
Histoso	I (A1)		Sandy	Redox (S5)			1 cr	n Muck (A9)	(LRR C)	
Histic E	pipedon (A2)		Strippe	ed Matrix (S6)		2 cr	n Muck (A10) (LRR B)	
Black H	listic (A3)		Loamy	Mucky Mine	ral (F1)		Rec	luced Vertic	(F18)	
	en Sulfide (A4)			Gleyed Mati				l Parent Mate	` ,	
	d Layers (A5) (LRI	R C)		ed Matrix (F3	,		Oth	er (Explain ir	n Remarks)	
	uck (A9) (LRR D)			Dark Surfac	` '					
	d Below Dark Surf	ace (A11)		ed Dark Surf			21 11 4	ć		
	ark Surface (A12)			Depressions	s (F8)			, ,	hytic vegetation	
	Mucky Mineral (S1)		vemai	Pools (F9)					y must be prese	ent,
Sandy C	Gleyed Matrix (S4)						unie	ss disturbed	or problematic.	
Restrictive	Layer (if present):									
Type:										
Depth (inc	:hes):						Hydric Soil	Present?	Yes	No X
Remarks: T	he sampled area s	upports a predom	inance of uplai	nd vegetation	and does	not meet	the hydrop	hytic vegetat	tion standard to	be considered a
	erefore, no soil pit v						, ,	, 3		
11)/DDOLO(
HYDROLOG										
1	ydrology Indicato						3			more required)
	icators (minimum o	of one required; ch		• /					arks (B1) (Rive r	,
	e Water (A1)			ıst (B11)			_		t Deposits (B2)	` '
, <u> </u>	ater Table (A2)			rust (B12)			_		osits (B3) (Rive	,
	ion (A3)			Invertebrate	,		_	Drainage	Patterns (B10)	
Water N	Marks (B1) (Nonriv	erine)		en Sulfide Od			_	Dry-Seas	son Water Table	e (C2)
Sedime	ent Deposits (B2) (I	Nonriverine)	Oxidize	d Rhizosphei	res along L	iving Roc	ots (C3)	Thin Muc	ck Surface (C7)	
Drift De	posits (B3) (Nonri	verine)	Presend	ce of Reduce	d Iron (C4)		_	Crayfish	Burrows (C8)	
X Surface	e Soil Cracks (B6)		Recent	Iron Reduction	on in Tilled	Soils (C6	3) _	Saturatio	n Visible on Aeı	rial Imagery (C9)
Inundat	tion Visible on Aeria	al Imagery (B7)	Thin Mu	ck Surface (C7)		_	Shallow /	Aquitard (D3)	
Water-S	Stained Leaves (B9	9)	Other (E	Explain in Re	marks)			FAC-Neu	utral Test (D5)	
Field Obser	vations:									
Surface Wat		Yes No	X Denth (in	ches).						
Water Table		Yes No				-				
Saturation P		Yes No				- Wotla	nd Hydrold	ogy Present	2 Vos V	No
	pillary fringe)	1es NO	Deptil (iii	Ciles)		- Wella	ilu riyuroic	yy Fresent	? Yes X	
	corded Data (strear	n dauge monitorir	ng well aerial r	hotos previo	ous inspect	ions) if a	available.			
200011001100	dou Data (ottoal	34430, 111011110111	.g, acrial	, provi	as moposi	,, 11 a				
	though no surface	•				e of surfa	ace soil crad	cks indicate t	hat the area su	oports wetland
hydrology. W	ater table level and	saturation are no	t known as a s	oil pit was no	t dug.					

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	0	_Sampling Date: Au	ugust 17,2023
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point: 23	9-WET
Investigator(s): Andrew Smisek		Section,	Township, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local rel	lief (concave,	convex, none): none	Slope (%): 0
Subregion (LRR): C	Lat: 3	32.54926		Long: -117.01721	 Datum: <u>N</u>	NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent si				NWI classificati	on: none	
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	cantly disturb	ed?	Are "Normal Circumstance	es" present? Yes	X No
Are Vegetation Soil or Hydrology				(If needed, explain any an	nswers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh				s, transects, importan	nt features, etc.	
Hydrophytic Vegetation Present? Yes	No X					
Hydric Soil Present? Yes	No X		he Sampled . hin a Wetland	VΔC	No X	
Wetland Hydrology Present? Yes	No X	Witi	iiii a vvetiaiii	J:		
Remarks: The majority of the vegetation on the site hadoes not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This leature was samp		g season and
	Absolute	Dominant	Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size:) 1none	% Cover	Species?	Status	Number of Dominant S That Are OBL, FACW,		(A)
2. 3.				Total Number of Domin Species Across All Stra		(B)
4			er	Percent of Dominant St That Are OBL, FACW,	pecies	
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index wor Total % Cover of:		
2				OBL species	Multiply b	
3. 4.				FACW species	x 1 = x 2 =	
				FAC species	_	
5		= Total Cove		FACU species		
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Centaurea melitensis	10	Υ	UPL	Column Totals:	(A)	(B)
2. Mesembryanthemum nodiflorum	1	N	FACU	Provolence Inde	ex = B/A =	
3. Deinandra fasciculata	5	Y	FACU	Frevalence mue	3X - D/A	
4. Erodium botrys	5	Υ	FACU	Hydrophytic Vegetation	on Indicators:	
5. Logfia sp.	3	N	UPL	Dominance Test	is >50%	
6. Bromus rubens	1	N	UPL	Prevalence Index	x is ≤3.0¹	
7. 8.					daptations¹ (Provide s rks or on a separate s	
	25	= Total Cov	/er	Problematic Hyd	rophytic Vegetation¹	(Explain)
Woody Vine Stratum (Plot size:)						
1. none 2.				¹ Indicators of hydric so be present, unless dis		
	ver of Biotic	= Total Cove	er	Hydrophytic Vegetation Present?	'es No	×
Remarks:						
i Cornaino.						

SOIL Sampling Point: 239-WET____

Depth	Matrix		Redox Featu			
(inches)	Color (moist)	%	Color (moist) %	_Type ¹ _ Lo	c ² Texture	Remarks
	-					
						
1Typo: C=Cor		DM-Poducod	Matrix, CS=Covered or Coated	Sand Grains	² l ocation: PL =F	Pore Lining, RC=Root Channel, M=Matrix.
			Rs, unless otherwise note			rs for Problematic Hydric Soils ³ :
-		able to all LR		•		· · · · · · · · · · · · · · · · · · ·
— Histosol	` '		Sandy Redox (S5)			Muck (A9) (LRR C)
	pipedon (A2)		Stripped Matrix (S			Muck (A10) (LRR B)
	istic (A3)		Loamy Mucky Min			uced Vertic (F18)
	en Sulfide (A4)	C)	Loamy Gleyed Ma			Parent Material (TF2)
	d Layers (A5) (LRR	C)	Depleted Matrix (F Redox Dark Surface	,	Otne	r (Explain in Remarks)
	uck (A9) (LRR D) d Below Dark Surfa	aa (A11)		` '		
	d Below Dark Suria ark Surface (A12)	ce (ATT)	Depleted Dark Sur		3Indicator	ro of hydronbytic vegetation and
	Mucky Mineral (S1)		Redox Depression Vernal Pools (F9)	is (Fo)		rs of hydrophytic vegetation and nd hydrology must be present,
	Gleyed Matrix (S4)		veillai Foois (F9)			s disturbed or problematic.
					unies	s disturbed of problematic.
Postrictive	Layer (if present):					
Restrictive	, , ,					
Type:			_			
Type: Depth (inc Remarks: T	hes): he sampled area su				Hydric Soil F	Present? Yes NoX yytic vegetation standard to be consider
Type: Depth (inc Remarks: T wetland. The	hes): he sampled area su erefore, no soil pit w				,	
Type: Depth (inc Remarks: T wetland. The	hes):he sampled area su erefore, no soil pit w	as dug and hyd			meet the hydroph	nytic vegetation standard to be consider
Type: Depth (inc Remarks: T wetland. The	hes):he sampled area suerefore, no soil pit w	as dug and hyd	dric soils are not considered		meet the hydroph	econdary Indicators (2 or more requi
Type: Depth (inc Remarks: T wetland. The	hes):he sampled area suerefore, no soil pit w	as dug and hyd	dric soils are not considered to the considered		meet the hydroph	nytic vegetation standard to be consider
Type: Depth (inc Remarks: T wetland. The HYDROLOG Wetland Hy Primary Indi	hes):he sampled area suerefore, no soil pit w	as dug and hyd	check all that apply)Salt Crust (B11)		meet the hydroph	econdary Indicators (2 or more requi Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
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Arid West - Version 2.0

US Army Corps of Engineers

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	0	Sampling Date	3.26.20
Applicant/Owner: Pardee Homes				State: CA	_Sampling Poin	t: <u>242</u>
Investigator(s): JR Sundberg, Raquel Atik		Section,	Township, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local reli	ef (concave,	convex, none): concave	Slc	ppe (%): <u>0-2</u>
Subregion (LRR): <u>C - Mediterranean California</u>	Lat: <u>3</u>	32.549965709)2	Long: <u>-117.019485375</u>	Datı	um: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30 p	ercent slope	es		NWI classificati	ion: None	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	XNo	o(If no, explain i	n Remarks.)	
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturbe	ed?	Are "Normal Circumstanc	es" present? Ye	sX No
Are Vegetation, SoilX,or Hydrology	natura	ally problemat	ic?	(If needed, explain any ar	nswers in Remar	ks.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poir	t locations	s, transects, importar	nt features, etc	c
Hydrophytic Vegetation Present? Yes X	_No			_		
Hydric Soil Present? Yes X	No	10	e Sampled . in a Wetland	Yes	X No	
Wetland Hydrology Present? Yes X	No	With	iii a vveuaii	u: —		
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to p	past land use	s. This feature was samp	led during the gr	owing season and
	Absolute	Dominant	Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant S	•	
1. none				That Are OBL, FACW,		(A)
2. 3.				Total Number of Domir Species Across All Stra		O (D)
4.				Percent of Dominant S		(B)
		= Total Cove	r	That Are OBL, FACW,	•	100 (A/B)
Sapling/Shrub Stratum (Plot size:) 1. none				Prevalence Index wor	rkshoot:	
2.				Total % Cover of:		iply by:
3.				OBL species		
				FACW species	x 2 =	
5.				FAC species	x 3 =	
		= Total Cove	r	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Rumex crispus	30	Yes	FAC	Column Totals:	(A)	(B)
2. Lythrum hyssopifolia	1	No	OBL	Prevalence Inde	ex = B/A =	
3. Festuca perennis	10	Yes	FAC			
4. Hordeum depressum	8	No	FACW	Hydrophytic Vegetati		
5				X Dominance Test		
6.				Prevalence Index		
7. 8.				Morphological Addata in Rema	rks or on a sepa	
Woody Vine Stratum (Plot size:)	49	= Total Cov	er	Problematic Hyd	rophytic Vegetat	ion¹ (Explain)
1. none				¹ Indicators of hydric so be present, unless dis		
2		= Total Cove	r	Hydrophytic		
% Bare Ground in Herb Stratum 51	ver of Biotic	Crust		Vegetation Present?	′esXN	No
Remarks: No ACOE vernal pool plant indicator species	were prese	nt within the b	oasin.			

(inches)	Color (moist)	%	Cold	or (moist)	%	Type ¹	Loc ²	Texture	Remarks
	10YR 3/2	99	7.5YR	,	- 	C	M	sandy clay	redox
	10YR 3/3							clay	no redox
	10111 3/3		_		_			_ clay	- HO TEGOX
			-		_				_
		-							
			_					_	_
								_	
								_	-
Type: C=Conc	entration, D=Depletio	n. RM=Red	uced Matri	x. CS=Cover	ed or Coated	Sand Grains	i. ²	Location: PL=Pore	Lining, RC=Root Channel, M=Matrix.
	ndicators: (Applic						-		for Problematic Hydric Soils ³ :
Histosol (A	`		,		Redox (S5	•			uck (A9) (LRR C)
`	pedon (A2)				ed Matrix (S	•			uck (A10) (LRR B)
Black Hist	tic (A3)			Loamy	Mucky Mir	neral (F1)			d Vertic (F18)
	Sulfide (A4)			Loamy	Gleyed Ma	atrix (F2)		Red Pa	rent Material (TF2)
	Layers (A5) (LRR	C)			ed Matrix (f	,		X Other (E	Explain in Remarks)
	k (A9) (LRR D)				Dark Surfa	` '			
	Below Dark Surfac	e (A11)			ed Dark Su	` '		31 11 1	
	k Surface (A12)				Depression				of hydrophytic vegetation and
	ucky Mineral (S1) eyed Matrix (S4)			vernai	Pools (F9)				hydrology must be present, isturbed or problematic.
								uniess d	istarbed of problematic.
_	yer (if present):								
Type:									
Depth (inche Remarks: red	ox observed; howe	nd hydrol	ogy. This	feature is a	vernal poo	l that is sea	sonally p	onded and may	sent? Yes X No No long indicators of lack hydric soil indicators due to limited
Depth (inche Remarks: red ydrophytic ve aturation dep	ox observed; howe getation and wetla th, saline condition	nd hydrol	ogy. This	feature is a	vernal poo	l that is sea	sonally p	sumed here as ponded and may	roblematic due to strong indicators of
Depth (inche Remarks: red hydrophytic ve aturation dep	ox observed; howe getation and wetla th, saline condition	nd hydrolo s, or othe	ogy. This	feature is a	vernal poo	l that is sea	sonally p	sumed here as ponded and may	roblematic due to strong indicators of lack hydric soil indicators due to limited
Depth (inches Remarks: red hydrophytic vesaturation dep	ox observed; howe getation and wetla th, saline condition	nd hydrolo s, or othe	ogy. This r factors, v	feature is a which may	vernal poo include hun	l that is sea	sonally p	sumed here as ponded and may nce.	oroblematic due to strong indicators of lack hydric soil indicators due to limited
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Depth (inche Remarks: red hydrophytic veraturation deportment) YDROLOG Wetland Hyde Primary Indicator X Surface V	ox observed; howe egetation and wetlath, saline condition Y Irology Indicators ators (minimum of Vater (A1)	nd hydrolo s, or othe	ogy. This r factors, v red; check	feature is a which may call that app Salt Cru	vernal poo include hun bly) ast (B11)	l that is sea	sonally p	sumed here as ponded and may noce.	oroblematic due to strong indicators of lack hydric soil indicators due to limited or soil indicators due to limited or soil indicators (2 or more required Nater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Depth (inche Remarks: red hydrophytic vesaturation dep YDROLOG' Wetland Hyd Primary Indica X Surface V High Wat	ox observed; howe egetation and wetlath, saline condition Y rology Indicators ators (minimum of Vater (A1) er Table (A2)	nd hydrolo s, or othe	ogy. This r factors, v red; check	feature is a which may call that app Salt Cru X Biotic C	vernal poo include hun bly) ast (B11) rust (B12)	l that is sea nan-caused	sonally p	sumed here as ponded and may noce. Sec	oroblematic due to strong indicators of lack hydric soil indicators due to limited on the lack hydric soil indicators due to limited on the lack hydric soil indicators due to limited on the lack hydric soil indicators (2 or more required water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
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Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	o Sampling	Date: 3.26.20
Applicant/Owner: Pardee Homes				State: CA Sampling	Point: 243
Investigator(s): JR Sundberg, Raquel Atik		Section,	Township, R	ange: Section 31, T18S R01W	
Landform (hillslope, terrace, etc.): mesa top				convex, none): concave	Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.550710637	77	Long: -117.020718634	Datum: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30				NWI classification: None	
Are climatic / hydrologic conditions on the site typical fo				(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present	
Are Vegetation Soil X, or Hydrology				(If needed, explain any answers in R	
SUMMARY OF FINDINGS – Attach site map si				s, transects, important feature	s, etc.
Hydrophytic Vegetation Present? Yes X	_No				
Hydric Soil Present? Yes X	No	15 0	e Sampled	YAS X NO	
	No	— with	in a Wetlan	d?	
Remarks: The majority of the vegetation on the site had meets the wetland criteria. VEGETATION – Use scientific names of plants	s.				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1. none				Number of Dominant Species That Are OBL, FACW, or FAC:	2 (A)
2.				Total Number of Dominant	(` ')
3.				Species Across All Strata:	(B)
4				Percent of Dominant Species	400 (A/P)
		= Total Cove	r	That Are OBL, FACW, or FAC:	100(A/B)
Sapling/Shrub Stratum (Plot size:)					
				Prevalence Index worksheet:	
2.				Total % Cover of:	Multiply by:
3.				1	=
4.					!=
5					=
Herb Stratum (Plot size:)		= Total Cove	er		: = ; =
1. Hordeum depressum	5	Yes	FACW	Column Totals: (A)	
Festuca perennis	5	Yes	FAC		, , ,
3.				Prevalence Index = B/A =_	
4.				Hydrophytic Vegetation Indicate	ors:
5.				X Dominance Test is >50%	
6.				Prevalence Index is ≤3.0¹	
7. 8.				Morphological Adaptations ¹ data in Remarks or on a	
	10	= Total Cov	er	Problematic Hydrophytic Ve	. ,
Woody Vine Stratum (Plot size:)				resistance rigarophysic vo	gotation (Explain)
1. none				¹ Indicators of hydric soil and wetle be present, unless disturbed or p	
2		_ Tatal 0			
% Bare Ground in Herb Stratum90 % Co	over of Biotic	= Total Cove	er 	Hydrophytic Vegetation Present? Yes X	No
Remarks: No ACOE vernal pool plant indicator species	s were prese	nt within the b	pasin.		

¹ Type: C=Conce Hydric Soil In Histosol (A Histic Epip Black Histi Hydrogen Stratified L 1 cm Muck	dicators: (Applic (1) dedon (A2) (c (A3) Sulfide (A4)		Color (moist) d Matrix, CS=Covered RRs, unless other		Type ¹	Loc ²	Texture loamy clay	
Type: C=Conce Hydric Soil In Histosol (A Histic Epip Black Histi Hydrogen Stratified L 1 cm Muck	entration, D=Depletion dicators: (Applic A1) nedon (A2) c (A3) Sulfide (A4)	n, RM=Reduce	RRs, unless other				loamy clay	
Hydric Soil In Histosol (A Histic Epip Black Histi Hydrogen Stratified L 1 cm Muck	dicators: (Applic (1) dedon (A2) (c (A3) Sulfide (A4)		RRs, unless other					
Hydric Soil In Histosol (A Histic Epip Black Histi Hydrogen Stratified L 1 cm Muck	dicators: (Applic (1) dedon (A2) (c (A3) Sulfide (A4)		RRs, unless other					
Hydric Soil In Histosol (A Histic Epip Black Histi Hydrogen Stratified L 1 cm Muck	dicators: (Applic (1) dedon (A2) (c (A3) Sulfide (A4)		RRs, unless other					
Hydric Soil In Histosol (A Histic Epip Black Histi Hydrogen Stratified L 1 cm Muck	dicators: (Applic (1) dedon (A2) (c (A3) Sulfide (A4)		RRs, unless other					
Hydric Soil In Histosol (A Histic Epip Black Histi Hydrogen Stratified L 1 cm Muck	dicators: (Applic (1) dedon (A2) (c (A3) Sulfide (A4)		RRs, unless other					
Hydric Soil In Histosol (A Histic Epip Black Histi Hydrogen Stratified L 1 cm Muck	dicators: (Applic (1) dedon (A2) (c (A3) Sulfide (A4)		RRs, unless other					
Hydric Soil In Histosol (A Histic Epip Black Histi Hydrogen Stratified L 1 cm Muck	dicators: (Applic (1) dedon (A2) (c (A3) Sulfide (A4)		RRs, unless other					
Hydric Soil In Histosol (A Histic Epip Black Histi Hydrogen Stratified L 1 cm Muck	dicators: (Applic (1) dedon (A2) (c (A3) Sulfide (A4)		RRs, unless other					
Hydric Soil In Histosol (A Histic Epip Black Histi Hydrogen Stratified L 1 cm Muck	dicators: (Applic (1) dedon (A2) (c (A3) Sulfide (A4)		RRs, unless other					
Hydric Soil In Histosol (A Histic Epip Black Histi Hydrogen Stratified L 1 cm Muck	dicators: (Applic (1) dedon (A2) (c (A3) Sulfide (A4)		RRs, unless other					
Histosol (A Histic Epip Black Histi Hydrogen Stratified L 1 cm Muck	A1) sedon (A2) c (A3) Sulfide (A4)	able to all LF				² Lc		Pore Lining, RC=Root Channel, M=Matrix.
Histic Epip Black Histi Hydrogen Stratified L 1 cm Muck	nedon (A2) ic (A3) Sulfide (A4)		Sandy P	wise note	ed.)		Indicator	rs for Problematic Hydric Soils ³ :
Black Histi Hydrogen Stratified L	c (A3) Sulfide (A4)			edox (S5				Muck (A9) (LRR C)
Hydrogen Stratified L 1 cm Muck	Sulfide (A4)			Matrix (S	,			Muck (A10) (LRR B)
Stratified L				•	neral (F1)			uced Vertic (F18)
1 cm Muck		_,		Sleyed Ma				Parent Material (TF2)
_	ayers (A5) (LRR (C)		Matrix (F	,		X Other	r (Explain in Remarks)
	. , . ,	· (Λ11)		ark Surfa	` '			
	Below Dark Surfac Surface (A12)	e (ATT)		epressio	rface (F7)		3Indicator	rs of hydrophytic vegetation and
	cky Mineral (S1)			ools (F9)				nd hydrology must be present,
	eyed Matrix (S4)		vernari	0013 (1 3)				s disturbed or problematic.
	yer (if present):							
Type: shove						١.		
Depth (inche	s): <u>8</u>					r	Hydric Soil F	Present? Yes X No No
HYDROLOGY		i may include	human-caused dis	sturbance				
	ology Indicators							econdary Indicators (2 or more required
•	••		shock all that apply	٨			30	
		one required,	check all that apply	•				Water Marks (B1) (Riverine)
X Surface W			Salt Crust					Sediment Deposits (B2) (Riverine)
<u> </u>	er Table (A2)		Biotic Cru	` ,	(0.40)		_	Drift Deposits (B3) (Riverine)
X Saturation		\	X Aquatic Ir		. ,			Drainage Patterns (B10)
	rks (B1) (Nonrive	-	Hydrogen				(00)	_ Dry-Season Water Table (C2)
	Deposits (B2) (No	,		•	eres along L	-	s (C3)	Thin Muck Surface (C7)
	sits (B3) (Nonrive	rine)			ced Iron (C4)		_	_ Crayfish Burrows (C8)
	oil Cracks (B6)	. (5-)			tion in Tilled	Soils (C6)	_	Saturation Visible on Aerial Imagery (C9)
	Visible on Aerial	Imagery (B7)			-		_	_ Shallow Aquitard (D3)
Water-Sta	ined Leaves (B9)		Other (Ex	plain in R	(emarks)		_	FAC-Neutral Test (D5)
	tions:							
Field Observa	Present?	′es <u>X</u> N	No Depth (inch	nes):	1	_		
Field Observa Surface Water	·ocent?	′es <u>x</u> N	No Depth (inch	nes):	0	_		
	esent?	/ \ \ \	No Depth (inch	nes):	0	Wetlan	d Hydrolog	gy Present? Yes X No
Surface Water		′es <u>X</u> N						,,
Surface Water Water Table Pr	sent?	res <u>x</u> r						
Surface Water Water Table Pr Saturation Pres (includes capilla	sent? \ ary fringe)		oring well, aerial ph	otos, pre	vious inspec	tions), if av	ailable:	
Surface Water Water Table Pr Saturation Pres (includes capilla	sent? \ ary fringe)			otos, pre	vious inspec	ions), if av	railable:	<u></u>
Surface Water Water Table Pr Saturation Pres (includes capilla Describe Record	sent? \ ary fringe) ded Data (stream (gauge, monit	oring well, aerial ph			•		
Surface Water Water Table Pr Saturation Pres (includes capilla Describe Record	sent? \ ary fringe) ded Data (stream of	gauge, monito	oring well, aerial ph			•		e presence of hydrophytic vegetation, which
Surface Water Water Table Pr Saturation Pres (includes capilla Describe Record	sent? \ ary fringe) ded Data (stream (gauge, monito	oring well, aerial ph			•		

Project/Site: Southwest Village Specific Plan Project		City/Cou	nty: <u>San Dieg</u>	0	Sampling Date:	3.26.20
Applicant/Owner: Pardee Homes				State: CA	Sampling Point:	244
Investigator(s): JR Sundberg, Raquel Atik		Section	, Township, R	ange: Section 31, T18S R	.01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slop	oe (%): <u>0-2</u>
Subregion (LRR): C - Mediterranean California	Lat: 3	32.55118798	59	Long: -117.021149438	Datur	m: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30 pe	ercent slope	es		NWI classification	n: None	
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in I	Remarks.)	
Are Vegetation X, Soil , or Hydrology	signifi	cantly distur	ped?	Are "Normal Circumstances	" present? Yes	X No
Are Vegetation, SoilX,or Hydrology	natura	ally problema	itic? ((If needed, explain any ans	wers in Remarks	3.)
SUMMARY OF FINDINGS – Attach site map sh	owina sa	mnlina noi	nt locations	s transpots important	foatures etc	
- Attach site map sit	ownig sa		iii iocationi	s, transcots, important	reatures, etc.	
Hydrophytic Vegetation Present? Yes X	No	_ le f	he Sampled	Δrea		
Hydric Soil Present? Yes X	No		hin a Wetland	Yes X	No	
Wetland Hydrology Present? Yes X	No	_				
Remarks: The majority of the vegetation on the site harmeets the wetland criteria.	s been distu	urbed due to	past land use	s. This feature was sample	d during the gro	wing season and
VEGETATION – Use scientific names of plants						
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works		
1. none	70 COVE	оресіез:	Status	Number of Dominant Spe That Are OBL, FACW, or		2 (A)
2.				Total Number of Domina		(/ (/
3.				Species Across All Strata		2 (B)
4.		= Total Cov	er	Percent of Dominant Spe That Are OBL, FACW, or		100 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index works	sheet:	
2				Total % Cover of:		oly by:
3				OBL species	x 1 =	
4				FACW species	x 2 =	
5				FAC species	x 3 =	
Hart Otatana (District		= Total Cov	er	FACU species	x 4 =	
Herb Stratum (Plot size:)	25	Voo	EAC\A/	UPL species Column Totals:	x 5 =	
Psilocarphus brevissimus Glebionis coronaria	<u>35</u>	Yes No	FACW_ UPL	Column Totals.	(A)	(B)
3. Festuca perennis	10	Yes	FAC	Prevalence Index	= B/A =	
4. Spergularia bocconi	1	No	FACW	Hydrophytic Vegetation		
5. Juncus bufonius		No	FACW	X Dominance Test is		
6. Medicago polymorpha		No	FACU	Prevalence Index i		
7. Plagiobothrys acanthocarpus	1	No	OBL	Morphological Ada		de supportina
8.					s or on a separa	
	52	= Total Co	ver	Problematic Hydro	phytic Vegetatic	on¹ (Explain)
Woody Vine Stratum (Plot size:)				,	. , ,	,
1. <u>none</u> 2.				¹ Indicators of hydric soil be present, unless distu		
		= Total Cov	er	Hydrophytic Vegetation		
% Bare Ground in Herb Stratum 48 % Cov Remarks: Sample area is a vernal pool that receives rui	er of Biotic		all local micro	Present? Ye		
predominately of hydrophytic vegetation, it also supports acanthocarpus).						

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			dox Features						
(inches)	Color (moist)	%	Color (moist)	%T	ype¹ L	.oc²	Texture		Remarks	S
0-6	10YR 4/3						sandy clay			
¹ Type: C=Coi	ncentration, D=Depletio	n, RM=Reduced	Matrix, CS=Covered	or Coated San	d Grains.	2 _L	ocation: PL=Po	ore Lining, RC	=Root Channel, M	=Matrix.
	Indicators: (Applic								matic Hydric S	
Histosol				ledox (S5)				Muck (A9) (I	-	
	pipedon (A2)			Matrix (S6)				Muck (A9) (I Muck (A10)	,	
	,			` '	(E1)					
	istic (A3)			Mucky Mineral				ced Vertic (F		
	en Sulfide (A4)	o)		Eleyed Matrix	(FZ)			arent Mater		
	d Layers (A5) (LRR	()		Matrix (F3)	==>		X Other	(Explain in l	Remarks)	
	uck (A9) (LRR D)			ark Surface (I	,					
	d Below Dark Surfac	e (A11)		Dark Surface	` '		2	.		
	ark Surface (A12)			epressions (F	-8)				ytic vegetation a	
	Mucky Mineral (S1)		Vernal P	ools (F9)					must be presen	t,
Sandy (Gleyed Matrix (S4)						unless	disturbed o	r problematic.	
Restrictive	Layer (if present):									
	ovel refusal									
			_			- 1,	Lludria Cail D	raaant?	Voc. V	No
Depth (inc	nes): 6		_				Hydric Soil P	resent?	Yes X	No
conditions, c	r other factors, which	Tillay illolude i	numan-caused dis	itarbance.						
HYDROLOG										
-	drology Indicators						<u>Se</u>	condary In	dicators (2 or n	nore required)
Primary Ind	icators (minimum of	one required; c	check all that apply	/)				_Water Mar	ks (B1) (Riveri n	e)
X Surface	Water (A1)		Salt Crust	t (B11)				Sediment I	Deposits (B2) (R	Riverine)
—— Hiah W	ater Table (A2)		X Biotic Cru	st (B12)				- Drift Depos	sits (B3) (Riveri i	ne)
X Saturat	` ,			vertebrates (I	B13)				Patterns (B10)	- /
	Marks (B1) (Nonrive i	rine)		Sulfide Odor	,		-	_	n Water Table (C3)
	ent Deposits (B2) (No	•			, ,	na Doo		_		02)
		•		Rhizospheres	•	ng Roo	is (C3)	_	Surface (C7)	
	posits (B3) (Nonrive	erine)		of Reduced I	` '			-	urrows (C8)	
X Surface	Soil Cracks (B6)			on Reduction		oils (C6)		_	Visible on Aeria	I Imagery (C9)
Inundat	ion Visible on Aerial	Imagery (B7)	Thin Muc	k Surface (C7)			_Shallow Ad	quitard (D3)	
Water-S	Stained Leaves (B9)		Other (Ex	plain in Rema	arks)			FAC-Neuti	ral Test (D5)	
Field Obser	votiona									
Field Obser		/ V N	- Danath (in al							
Surface Wat		'es <u>X</u> No			1					
Water Table		es X No		, 	0					
Saturation P		′es <u>X</u> No	o Depth (incl	nes):	0	Wetlar	nd Hydrolog	y Present?	Yes X	_No
(includes cap										
Describe Rec	orded Data (stream	gauge, monitoi	ring well, aerial ph	otos, previous	s inspection	າຣ), if aາ	vailable:			
	ırface water was pres		e of the delineation	n, along with s	urface soil	cracks	s, biotic crust,	and aquatio	invertebrates; a	III indicating
that the area	supports wetland hyd	drology.								

Project/Site: Southwest Village Specific Plan Project		City/Cour	ity: San Dieg	0	Sampling Date: 3.26.20
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 245
Investigator(s): JR Sundberg, Raquel Atik		Section,	Township, R	Range: Section 31, T18S F	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55051615	18	Long: -117.022830989	Datum: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 30 to 50				NWI classificatio	
Are climatic / hydrologic conditions on the site typical for					
Are Vegetation X, Soil , or Hydrology					s" present? Yes X No
Are Vegetation, SoilX, or Hydrology				(If needed, explain any ans	
SUMMARY OF FINDINGS – Attach site map sh	owing sa	mpling poi	nt locations	s, transects, important	features, etc.
Hydrophytic Vegetation Present? Yes X	No				
Hydric Soil Present? Yes X	No	I	ne Sampled	YAC X	(No
Wetland Hydrology Present? Yes X	No	— witi	nin a Wetlan	a? —	
Remarks: The majority of the vegetation on the site ha	s been dist	irbed due to	nast land use	es. This feature was sample	ed during the growing season and
meets the wetland criteria.	io boom diot	arbed due to	past laria asc	o. This locators was sumple	a daming the growing season and
VEGETATION – Use scientific names of plants					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works	
1. none	70 OOVCI	_орсоюз:	Otatus	Number of Dominant Sp That Are OBL, FACW, o	
2.				Total Number of Domina	
3.				Species Across All Strat	
4.				Percent of Dominant Sp	ecies
		= Total Cove	er	That Are OBL, FACW, o	r FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index work	sheet:
2.				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	
		= Total Cove	er	FACU species	
Herb Stratum (Plot size:)				UPL species	x 5 =
Psilocarphus brevissimus	20	Yes	FACW	Column Totals:	(B)
2. Plagiobothrys acanthocarpus	1	No	OBL	Prevalence Index	c = B/A =
3. Spergularia bocconi	1	No	FACW		
4. Plantago elongata	1	No No	FACW	Hydrophytic Vegetatio	
5. Deinandra fasciculata	3	No No	FACU	X _ Dominance Test is	
6. Festuca perennis	15	Yes	FAC	Prevalence Index	
7. Hordeum intercedens	2	No No	FAC		aptations¹ (Provide supporting s or on a separate sheet)
8. Erodium botrys	3	No Tabal Oas	FACU		
Woody Vine Stratum (Plot size:)	46	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)
·				1 Indicators of budgio aci	Land wattand budralage must
1. none				be present, unless dist	I and wetland hydrology must urbed or problematic.
2		- Total Caus			·
		= Total Cove	ei ei	Hydrophytic Vegetation	
% Bare Ground in Herb Stratum 54 % Co	ver of Biotic	Crust		Present? Ye	es X No
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro	⊥ -watershed. In addition to t	he vernal pool consisting
predominately of hydrophytic vegetation, it also support					
acanthocarpus, and Plantago elongata).					

Profile Desc Depth	Matrix		Re	dox Feat	ures				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ure	Remarks
0-6	10YR 3/3	100					loamy cl	ay	
	-			-				<u> </u>	
	-						-		
							-		
							_		
-							_		
	ncentration, D=Depletion					S. ²			RC=Root Channel, M=Matrix.
-	I Indicators: (Applie	cable to all I							blematic Hydric Soils ³ :
Histoso				Redox (S5	-			cm Muck (As	
	Epipedon (A2)			Matrix (S	,			•	10) (LRR B)
	listic (A3)			•	neral (F1)			educed Verti	` '
	en Sulfide (A4) ed Layers (A5) (LRR	C)		Gleyed Ma d Matrix (aterial (TF2) in Remarks)
	uck (A9) (LRR D)	C)		Dark Surfa	,			ilei (Expiaili	ili itelilaiks)
	ed Below Dark Surfa	ce (A11)			urface (F7)				
	ark Surface (A12)	(,		Depressio	, ,		³ Indica	tors of hydro	ophytic vegetation and
— Sandy	Mucky Mineral (S1)			ools (F9)				-	ogy must be present,
Sandy	Gleyed Matrix (S4)						unl	ess disturbe	ed or problematic.
Restrictive	Layer (if present):								
Type: sh Depth (ind Remarks: N wetland hyd	ovel refusal ches): 6 lo redox features ob	is a vernal p	ool that is seasonally	ponded	and may lad		due to str		Yes X No sort No sort No learn
Type: sh Depth (ind Remarks: N wetland hyd conditions, o	lovel refusal ches): 6 lo redox features ob lrology. This feature or other factors, which	is a vernal p	ool that is seasonally	ponded	and may lad		due to str	ong indicato	ors of hydrophytic vegetation and
Type: sh Depth (inc Remarks: N wetland hyd conditions, o	hovel refusal ches): 6 No redox features ob drology. This feature or other factors, whice	is a vernal po h may includ	ool that is seasonally	ponded	and may lad		due to str	ong indicato	ors of hydrophytic vegetation and nited saturation depth, saline
Type: sh Depth (ind Remarks: N wetland hyd conditions, of HYDROLO Wetland H	lovel refusal ches): 6 lo redox features ob lrology. This feature or other factors, which GY ydrology Indicators	is a vernal pr h may includ	ool that is seasonally de human-caused di	/ ponded sturbance	and may lad		due to str	ong indicators due to lin	ors of hydrophytic vegetation and nited saturation depth, saline
Type: sh Depth (inc Remarks: N wetland hyd conditions, c HYDROLO Wetland H Primary Inc	lovel refusal ches): 6 lo redox features ob lrology. This feature or other factors, which GY ydrology Indicators licators (minimum of	is a vernal pr h may includ	ool that is seasonally de human-caused di di di; check all that appl	y ponded sturbance	and may lad		due to str	ong indicators due to lin	ors of hydrophytic vegetation and nited saturation depth, saline
Type: sh Depth (incomplete incomplete incomp	lovel refusal ches): 6 lo redox features ob lrology. This feature or other factors, which GY ydrology Indicators licators (minimum of the Water (A1)	is a vernal pr h may includ	ool that is seasonally de human-caused dis	y ponded sturbance y) t (B11)	and may lad		due to str	ong indicators due to lin Secondar Water I Sedime	ors of hydrophytic vegetation and nited saturation depth, saline / Indicators (2 or more required Marks (B1) (Riverine) ent Deposits (B2) (Riverine)
Type: sh Depth (inc Remarks: N wetland hyd conditions, c HYDROLO Wetland H Primary Inc X Surface High W	dovel refusal ches): 6 do redox features ob drology. This feature or other factors, whice GY ydrology Indicators dicators (minimum of e Water (A1) //dater Table (A2)	is a vernal pr h may includ	ool that is seasonally de human-caused di di di; check all that appl	y ponded sturbance y) t (B11)	and may lad		due to str	Secondar Water I Sedime	ors of hydrophytic vegetation and nited saturation depth, saline / Indicators (2 or more required Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine)
Type: sh Depth (inc Remarks: N wetland hyd conditions, c HYDROLO Wetland H Primary Inc X Surface High W X Saturat	dovel refusal ches): 6 do redox features ob drology. This feature or other factors, whice GY ydrology Indicators dicators (minimum of e Water (A1) //ater Table (A2) tion (A3)	is a vernal pr h may include s: one required	ool that is seasonally de human-caused dis	y) t (B11) ust (B12)	and may lad		due to str	Secondar Water I Sedime	ors of hydrophytic vegetation and nited saturation depth, saline / Indicators (2 or more required Marks (B1) (Riverine) ent Deposits (B2) (Riverine)
Type: sh Depth (ind Remarks: N wetland hyd conditions, of HYDROLO Wetland H Primary Ind X Surface High W X Saturat Water	dovel refusal ches): 6 No redox features ob lrology. This feature or other factors, whice GY ydrology Indicators licators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive	is a vernal pr h may include: s: one required	d; check all that appl Salt Crus X Biotic Cru X Aquatic I	y) t (B11) ust (B12) nvertebra	and may lace. tes (B13) Odor (C1)	ek hydric s	c due to str	Secondary Water I Sedime Drift De Dry-Se	rs of hydrophytic vegetation and nited saturation depth, saline r Indicators (2 or more required Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2)
Type: sh Depth (incomplete incomplete incomp	ches): 6 No redox features ob Irology. This feature or other factors, which is set in the factors of the factors (minimum of the Water (A1) Vater Table (A2) Ition (A3) Marks (B1) (Nonrive ent Deposits (B2) (No	is a vernal pr h may include: S: one required prine)	d; check all that appl Salt Crus X Biotic Cru X Aquatic I Hydroger Oxidized	y) t (B11) ust (B12) nvertebra n Sulfide (Rhizosph	and may lade. tes (B13) Odor (C1) heres along	ck hydric s	c due to str	Secondary Water I Sedime Drift De Dry-Se Thin M	rs of hydrophytic vegetation and nited saturation depth, saline / Indicators (2 or more required Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7)
Type: sh Depth (incomplete incomplete incomp	ches): 6 No redox features ob Irology. This feature or other factors, which is a second of the last o	is a vernal pr h may include: S: one required prine)	d; check all that appl Salt Crus X Biotic Cru X Aquatic II Hydrogei Oxidized Presence	y) t (B11) ust (B12) nvertebra n Sulfide (Rhizosph	tes (B13) Odor (C1) neres along ced Iron (C4	Ek hydric s	c due to str soil indicate	Secondary Water I Sedime Drift De Dry-Se Thin M Crayfis	rs of hydrophytic vegetation and nited saturation depth, saline / Indicators (2 or more required Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) h Burrows (C8)
Type: sh Depth (incomplete incomplete incomp	ches): 6 No redox features ob Irology. This feature or other factors, which is set in the proof of the Marks (Marks (Mar	is a vernal print in may included. S: one required prine) prine) prine)	d; check all that appl Salt Crus X Biotic Cru X Aquatic I Hydroger Oxidized Presence	y) t (B11) ust (B12) nvertebra n Sulfide (Rhizosph e of Reduction Reduction	tes (B13) Odor (C1) neres along ced Iron (C4	Ek hydric s	c due to str soil indicate	Secondary Water I Sedime Drift De Dry-Se Thin M Crayfis	rs of hydrophytic vegetation and nited saturation depth, saline / Indicators (2 or more required Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7)
Type: sh Depth (incomplete incomplete incomp	lovel refusal ches): 6 lo redox features ob lrology. This feature or other factors, which GY ydrology Indicators licators (minimum of le Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive lent Deposits (B2) (No leposits (B3) (Nonrive le Soil Cracks (B6) tion Visible on Aerial	is a vernal print in may include the may inclu	d; check all that appl Salt Crus X Biotic Cru X Aquatic I Hydroger Oxidized Presence Recent Ir	y) it (B11) ust (B12) nvertebra n Sulfide (Rhizosph e of Reduct on Reduct k Surface	tes (B13) Odor (C1) neres along ced Iron (C4 ction in Tilled	Ek hydric s	c due to str soil indicate	Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov	rs of hydrophytic vegetation and nited saturation depth, saline Indicators (2 or more required Marks (B1) (Riverine) Indicators (2 or more required Marks (B1) (Riverine) Indicators (2 or more required Marks (B1) (Riverine) Indicators (B1) (Riverine) Indicators (B2) (Riverine) Indicators (B1) (Riverine) Indicators (B1) (Riverine) Indicators (B3) (Riverine) Indicators (B3) (Riverine) Indicators (C3) Indicators (C4) (Riverine) Indicators (C5) (Riverine) Indicators (C6) (Riverine) Indicators (C7) (Riverine) Indicators
Type: sh Depth (incomplete incomplete incomp	ches): 6 No redox features ob Irology. This feature or other factors, which is set in the proof of the Marks (Marks (Mar	is a vernal print in may include the may inclu	d; check all that appl Salt Crus X Biotic Cru X Aquatic I Hydroger Oxidized Presence	y) it (B11) ust (B12) nvertebra n Sulfide (Rhizosph e of Reduct on Reduct k Surface	tes (B13) Odor (C1) neres along ced Iron (C4 ction in Tilled	Ek hydric s	c due to str soil indicate	Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov	rs of hydrophytic vegetation and nited saturation depth, saline / Indicators (2 or more required Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) h Burrows (C8) tion Visible on Aerial Imagery (C8)
Type: sh Depth (incomplete incomplete incomp	ches): 6 No redox features ob Irology. This feature or other factors, which will be a second or other factors of the factors of the water (A1) Nater Table (A2) Marks (B1) (Nonrive ent Deposits (B3) (Nonrive es Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9)	is a vernal print in may include the may inclu	d; check all that appl Salt Crus X Biotic Cru X Aquatic I Hydroger Oxidized Presence Recent Ir	y) it (B11) ust (B12) nvertebra n Sulfide (Rhizosph e of Reduct on Reduct k Surface	tes (B13) Odor (C1) neres along ced Iron (C4 ction in Tilled	Ek hydric s	c due to str soil indicate	Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov	rs of hydrophytic vegetation and nited saturation depth, saline Indicators (2 or more required Marks (B1) (Riverine) Indicators (2 or more required Marks (B1) (Riverine) Indicators (2 or more required Marks (B1) (Riverine) Indicators (B1) (Riverine) Indicators (B2) (Riverine) Indicators (B1) (Riverine) Indicators (B1) (Riverine) Indicators (B3) (Riverine) Indicators (B3) (Riverine) Indicators (C3) Indicators (C4) (Riverine) Indicators (C5) (Riverine) Indicators (C6) (Riverine) Indicators (C7) (Riverine) Indicators
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Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	o Sampling Date: 3.26.20
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 247
Investigator(s): JR Sundberg, Raquel Atik		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.54974254	44	Long: -117.025637034 Datum: NAD83
Soil Map Unit Name: Linne clay loam, 9 to 30 percent s				NWI classification: depression
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No
Are Vegetation Soil X, or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	owing sai	mpling poli	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	No			
Hydric Soil Present? Yes X	No	I	he Sampled hin a Wetlan	YAS X NO
Wetland Hydrology Present? Yes X	No		iiii a vvetiaii	u:
Remarks: The majority of the vegetation on the site ha	s been disti	urbed due to	past land use	es. This feature was sampled during the growing season and
meets the wetland criteria.			puot 14.114 4.00	or this realist that campion named are growing concernant
VEGETATION – Use scientific names of plants				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none	70 COVEI	_opecies:	Status	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2.				Total Number of Dominant
3				Species Across All Strata: 2 (B)
4.				Percent of Dominant Species
T		= Total Cove	er	That Are OBL, FACW, or FAC:(A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species1 x 1 =1
4.				FACW species 3 x 2 = 6
5				FAC species 0 x 3 = 0
		= Total Cove	er	FACU species1 x 4 =4
Herb Stratum (Plot size:)				UPL species1 x 5 =5
Psilocarphus brevissimus	3	No	FACW	Column Totals:6 (A)16 (B)
2. Plantago elongata	10	Yes	FACW	Prevalence Index = B/A = 2.7
3. Deinandra fasciculata	4	Yes	FACU	
4. Spergularia bocconi	1	No	FACW	Hydrophytic Vegetation Indicators:
5. Logfia gallica		No	UPL	Dominance Test is >50%
6. Crassula aquatica	1	No	OBL	X Prevalence Index is ≤3.0¹
7				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
8		= Total Cov		·
Woody Vine Stratum (Plot size:		- 10tai C0V	/ei	Problematic Hydrophytic Vegetation¹ (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must
				be present, unless disturbed or problematic.
2		- Total Cove		
		= Total Cove	5 1	Hydrophytic Vegetation
% Bare Ground in Herb Stratum 80 % Co	ver of Biotic	Crust		Present? Yes X No
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro	-watershed. In addition to the vernal pool consisting
predominately of hydrophytic vegetation, it also supports				
Crassula aquatica.				
Ť				

, · · · · ·	Matrix		Re	dox Featu	ıres		the absend		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ure	Remarks
0-1	10YR 3/2	94%	5YR 4/6	6%	С	RC	sandy cl	ay	
1-10	7.5YR 3/2	100			·		sandy cl	av	
-					· -		_		
	_								
							_		
¹ Type: C=Co	oncentration, D=Depletio	n, RM=Reduc	ced Matrix, CS=Covered	d or Coated	Sand Grains	. :	Location: PL	 _=Pore Lining, R	RC=Root Channel, M=Matrix.
	il Indicators: (Applic								lematic Hydric Soils ³ :
Histoso	ol (A1)		Sandy F	Redox (S5)		1 (cm Muck (A9)	(LRR C)
Histic E	Epipedon (A2)		Stripped	l Matrix (S	6)		2	cm Muck (A10) (LRR B)
Black H	Histic (A3)		Loamy N	Иucky Mir	eral (F1)			educed Vertic	` '
	gen Sulfide (A4)			Gleyed Ma				ed Parent Mat	* *
	ed Layers (A5) (LRR	C)		d Matrix (F	,		_X_Ot	her (Explain ir	n Remarks)
	Muck (A9) (LRR D)	- (0.44)		Oark Surfa	` '				
	ed Below Dark Surfac Dark Surface (A12)	æ (A11)		d Dark Su	, ,		3Indica	itars of hydron	shytic vogotation and
	Mucky Mineral (S1)			Depressior Pools (F9)	is (F0)				phytic vegetation and gy must be present,
	Gleyed Matrix (S4)		vernari	0013 (1 3)					or problematic.
									'
	Layer (if present):								
	ches): 10						Lludria Ca	oil Present?	Yes X No
	· -						,		med here as problematic due to
moneyiors o									d and may lack hydric soil
		on depin, sai	line conditions, or off						
HYDROLO)GY							used disturbar	nce.
HYDROLO Wetland H	IGY Iydrology Indicators	:	ine conditions, or oth	ner factors				used disturbar	nce. Indicators (2 or more required
HYDROLO Wetland H	OGY lydrology Indicators dicators (minimum of	:	ine conditions, or oth	ner factors				used disturbar Secondary I Water Ma	ndicators (2 or more required arks (B1) (Riverine)
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HYDROLO Wetland H Primary Inc Surface High W Satura Water	Igyrology Indicators dicators (minimum of e Water (A1) Vater Table (A2) tition (A3) Marks (B1) (Nonrive	cone required	d; check all that appl Salt Crus X Biotic Cru Aquatic Ir	y) t (B11) ust (B12) nvertebrat	es (B13)	/ include	human-cat	Secondary I Water Magnetic Sedimen Drift Dep Drainage Dry-Seas	indicators (2 or more required arks (B1) (Riverine) at Deposits (B2) (Riverine) osits (B3) (Riverine) Patterns (B10) son Water Table (C2)
HYDROLO Wetland H Primary Inc Surface High W Satura Water Sedime	Igydrology Indicators dicators (minimum of e Water (A1) Vater Table (A2) tition (A3) Marks (B1) (Nonrive ent Deposits (B2) (No	cine)	d; check all that appl Salt Crus X Biotic Cru Aquatic Ir Hydroger	y) t (B11) ust (B12) nvertebrat n Sulfide C Rhizosph	es (B13) Odor (C1) eres along I	include	human-cat	Secondary I Water Magedimen Drift Dep Drainage Dry-Seas Thin Muc	indicators (2 or more required arks (B1) (Riverine) at Deposits (B2) (Riverine) asits (B3) (Riverine) be Patterns (B10) ason Water Table (C2) ack Surface (C7)
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HYDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De	lydrology Indicators dicators (minimum of e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) ation Visible on Aerial	rine) prine)	d; check all that appl Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc	y) t (B11) ust (B12) nvertebrat n Sulfide C Rhizosphe of Reduct on Reduct k Surface	es (B13) Odor (C1) eres along I ed Iron (C4 tion in Tillec (C7)	r include	human-cal	Secondary I Water May Sediment Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow	indicators (2 or more required arks (B1) (Riverine) at Deposits (B2) (Riverine) asits (B3) (Riverine) a Patterns (B10) ason Water Table (C2) ack Surface (C7) Burrows (C8) an Visible on Aerial Imagery (C9) Aquitard (D3)
HYDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda Water-	lydrology Indicators dicators (minimum of the Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonrive tent Deposits (B2) (No teposits (B3) (Nonrive te Soil Cracks (B6) tion Visible on Aerial testained Leaves (B9)	rine) prine)	d; check all that appl Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc	y) t (B11) ust (B12) nvertebrat n Sulfide C Rhizosph e of Reduc	es (B13) Odor (C1) eres along I ed Iron (C4 tion in Tillec (C7)	r include	human-cal	Secondary I Water May Sediment Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow	Indicators (2 or more required arks (B1) (Riverine) It Deposits (B2) (Riverine) It Deposits (B3) (Riverine) It Patterns (B10) It Patterns (B10) It Patterns (B10) It Patterns (B10) It Patterns (C2) It Surface (C7) It Surface (C7) It Surrows (C8) It Visible on Aerial Imagery (C9)
HYDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda Water-	lydrology Indicators dicators (minimum of the Water (A1) Vater Table (A2) Ition (A3) Marks (B1) (Nonrive tent Deposits (B2) (Nonrive tent Deposits (B3) (Nonrive tent Deposits (B6) tent Cracks (B6) ation Visible on Aerial Stained Leaves (B9)	rine) prriverine) erine) Imagery (B7	d; check all that appliance of the conditions, or other conditions, or o	y) t (B11) ust (B12) nvertebrat n Sulfide C Rhizosphe of Reduc on Reduc k Surface kplain in R	es (B13) Odor (C1) eres along I ed Iron (C4 tion in Tillec (C7)	r include	human-cal	Secondary I Water May Sediment Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow	indicators (2 or more required arks (B1) (Riverine) at Deposits (B2) (Riverine) asits (B3) (Riverine) a Patterns (B10) ason Water Table (C2) ack Surface (C7) Burrows (C8) an Visible on Aerial Imagery (C9) Aquitard (D3)
HYDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda Water- Field Obse Surface Wa	lydrology Indicators dicators (minimum of the Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonrive tent Deposits (B2) (No teposits (B3) (Nonrive te Soil Cracks (B6) tation Visible on Aerial the Stained Leaves (B9) tervations:	cine) rine) priverine) prine) Imagery (B7	d; check all that apply Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) t (B11) ust (B12) nvertebrat n Sulfide C Rhizosphe of Reduc on Reduc k Surface k Surface k plain in R	es (B13) Odor (C1) eres along I ed Iron (C4 tion in Tillec (C7)	r include	human-cal	Secondary I Water May Sediment Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow	indicators (2 or more required arks (B1) (Riverine) at Deposits (B2) (Riverine) asits (B3) (Riverine) a Patterns (B10) ason Water Table (C2) ack Surface (C7) Burrows (C8) an Visible on Aerial Imagery (C9) Aquitard (D3)
HYDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda Water- Field Obse Surface Water Table	lydrology Indicators dicators (minimum of e Water (A1) Vater Table (A2) tition (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) ation Visible on Aerial -Stained Leaves (B9) ervations: e Present?	cine) prine) prine) prine) Imagery (Brides Yes	d; check all that appl Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) t (B11) ust (B12) nvertebrat n Sulfide C Rhizosphe of Reduct on Reduct k Surface xplain in R	es (B13) Odor (C1) eres along I ed Iron (C4 tion in Tillec (C7)	include Living Rc Soils (C	human-car	Secondary I Water May Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow May FAC-Neu	indicators (2 or more required arks (B1) (Riverine) at Deposits (B2) (Riverine) as Patterns (B10) and Water Table (C2) ack Surface (C7) Burrows (C8) an Visible on Aerial Imagery (C9) Aquitard (D3) utral Test (D5)
HYDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda Water- Field Obse Surface Water Table Saturation F	lydrology Indicators dicators (minimum of e Water (A1) Vater Table (A2) tition (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) ation Visible on Aerial -Stained Leaves (B9) ervations: e Present?	cine) prine) prine) prine) Imagery (Brides Yes	d; check all that apply Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) t (B11) ust (B12) nvertebrat n Sulfide C Rhizosphe of Reduct on Reduct k Surface xplain in R	es (B13) Odor (C1) eres along I ed Iron (C4 tion in Tillec (C7)	include Living Rc Soils (C	human-car	Secondary I Water May Sediment Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow	indicators (2 or more required arks (B1) (Riverine) at Deposits (B2) (Riverine) as Patterns (B10) and Water Table (C2) ack Surface (C7) Burrows (C8) an Visible on Aerial Imagery (C9) Aquitard (D3) utral Test (D5)
HYDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda Water- Field Obse Surface Water Table Saturation F (includes ca	lydrology Indicators dicators (minimum of e Water (A1) Vater Table (A2) tition (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) ation Visible on Aerial distanced Leaves (B9) everytions: ter Present?	cine) cone required crine) conriverine) crine) lmagery (Brives les les les	d; check all that apply Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex No X Depth (incl No X Depth (incl	y) t (B11) ust (B12) nvertebrat n Sulfide C Rhizosphe on Reduc on Reduc k Surface (plain in R	es (B13) Ddor (C1) eres along I ed Iron (C4 tion in Tilled (C7) emarks)	include Living Rc Soils (C	human-car	Secondary I Water May Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow May FAC-Neu	indicators (2 or more required arks (B1) (Riverine) at Deposits (B2) (Riverine) as Patterns (B10) and Water Table (C2) ack Surface (C7) Burrows (C8) an Visible on Aerial Imagery (C9) Aquitard (D3) utral Test (D5)
HYDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda Water- Field Obse Surface Water Table Saturation F (includes ca	lydrology Indicators dicators (minimum of e Water (A1) Vater Table (A2) tition (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) ation Visible on Aerial -Stained Leaves (B9) ervations: ter Present? e Present? Present?	cine) cone required crine) conriverine) crine) lmagery (Brives les les les	d; check all that apply Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex No X Depth (incl No X Depth (incl	y) t (B11) ust (B12) nvertebrat n Sulfide C Rhizosphe on Reduc on Reduc k Surface (plain in R	es (B13) Ddor (C1) eres along I ed Iron (C4 tion in Tilled (C7) emarks)	include Living Rc Soils (C	human-car	Secondary I Water May Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow May FAC-Neu	indicators (2 or more required arks (B1) (Riverine) at Deposits (B2) (Riverine) as Patterns (B10) and Water Table (C2) ack Surface (C7) Burrows (C8) an Visible on Aerial Imagery (C9) Aquitard (D3) utral Test (D5)
HYDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda Water- Field Obse Surface Wa Water Table Saturation F (includes ca Describe Rec	Independent of the process of the pr	rine) priverine) lmagery (B7	d; check all that apply Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex No X Depth (incl No X Depth (incl No X Depth (incl	y) t (B11) ust (B12) nvertebrat n Sulfide C Rhizosphe of Reduc on Reduc on Reduc on Reduc k Surface (plain in R	es (B13) Odor (C1) eres along I ed Iron (C4 tion in Tilleo (C7) emarks)	Living Ro) Soils (C	human-cal	Secondary I Water Manage Drift Dep Drainage Dry-Sease Thin Muctor Crayfish Saturation Shallow A FAC-Neu	Indicators (2 or more required arks (B1) (Riverine) It Deposits (B2) (Riverine) It Deposits (B3) (Riverine) It Deposits (B10) It Patterns (B10) It San Water Table (C2) It Surface (C7) It Burrows (C8) It Visible on Aerial Imagery (C9) It Aquitard (D3) It ral Test (D5) It Yes X No
HYDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda Water- Field Obse Surface Water Table Saturation F (includes ca Describe Rec	Independent of the process of the pr	rine) priverine) lmagery (B7	d; check all that apply Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex No X Depth (incl No X Depth (incl No X Depth (incl	y) t (B11) ust (B12) nvertebrat n Sulfide C Rhizosphe of Reduc on Reduc on Reduc on Reduc k Surface (plain in R	es (B13) Odor (C1) eres along I ed Iron (C4 tion in Tilleo (C7) emarks)	Living Ro) Soils (C	human-cal	Secondary I Water Manage Drift Dep Drainage Dry-Sease Thin Muctor Crayfish Saturation Shallow A FAC-Neu	indicators (2 or more required arks (B1) (Riverine) at Deposits (B2) (Riverine) as Patterns (B10) and Water Table (C2) ack Surface (C7) Burrows (C8) an Visible on Aerial Imagery (C9) Aquitard (D3) utral Test (D5)
HYDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda Water- Field Obse Surface Wa Water Table Saturation F (includes ca Describe Rec	Independent of the process of the pr	rine) priverine) lmagery (B7	d; check all that apply Salt Crus X Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex No X Depth (incl No X Depth (incl No X Depth (incl	y) t (B11) ust (B12) nvertebrat n Sulfide C Rhizosphe of Reduc on Reduc on Reduc on Reduc k Surface (plain in R	es (B13) Odor (C1) eres along I ed Iron (C4 tion in Tilleo (C7) emarks)	Living Ro) Soils (C	human-cal	Secondary I Water Manage Drift Dep Drainage Dry-Sease Thin Muctor Crayfish Saturation Shallow A FAC-Neu	Indicators (2 or more required arks (B1) (Riverine) It Deposits (B2) (Riverine) It Deposits (B3) (Riverine) It Deposits (B10) It Patterns (B10) It San Water Table (C2) It Surface (C7) It Burrows (C8) It Visible on Aerial Imagery (C9) It Aquitard (D3) It Test (D5) It Yes X No

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	o Sampling Date: 3.26.20
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 249
Investigator(s): JR Sundberg, Raquel Atik		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55182880	22	Long: -117.024448931 Datum: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30 p	ercent slope	es		NWI classification: depression
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology _				Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	lowing Sai	inpling poli	nt locations	s, transects, important leatures, etc.
Hydrophytic Vegetation Present? Yes	No X	_ 10.41	ne Sampled	Aron
Hydric Soil Present? Yes	No X	is u	nin a Wetlan	YAS NO X
Wetland Hydrology Present? Yes X	_No	_		
Remarks: The majority of the vegetation on the site ha	s been distu	urbed due to	past land use	es. This feature was sampled during the growing season and
does not meet the wetland criteria.				
VECETATION III				
VEGETATION – Use scientific names of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species
1. none				That Are OBL, FACW, or FAC:0 (A)
2				Total Number of Dominant
3				Species Across All Strata: 2 (B)
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)
		= Total Cove	er	That Ale OBE, I AOW, OF AO.
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of:
3				OBL species
4				FAC species 0 x 3 = 0
5		= Total Cove		FACU species 3 x 4 = 12
Herb Stratum (Plot size:)		- Total Cove	5 1	UPL species 4 x 5 = 20
1. Deinandra fasciculata	3	Yes	FACU	Column Totals: 8 (A) 33 (B)
2. Glebionis coronaria	3	Yes	UPL	
3. Plagiobothrys acanthocarpus	1	No	OBL	Prevalence Index = B/A = 4.1
4. Bromus madritensis	1	No	UPL	Hydrophytic Vegetation Indicators:
5.				Dominance Test is >50%
6.				Prevalence Index is ≤3.0¹
7.				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	8	= Total Cov	/er	Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				
1. <u>none</u>				¹ Indicators of hydric soil and wetland hydrology must
2				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 92 % Co	ver of Biotic	Cruet		Vegetation Present? Yes No X
			III la a - L = -1	
Remarks: Sample area is a vernal pool that receives ru predominance of hydrophytic vegetation. It does suppor				
, у шертуше геденальный доос варрог		, p. p. s. 111	-: 3 P-23 i	, J ,

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ıres		_		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks	_
									-
									_
								-	-
									_
									_
									_
									_
1_ 0 0						2,			-
	centration, D=Depletion,					3. "I		Pore Lining, RC=Root Channel, M=Matrix.	
Hydric Soil	Indicators: (Applica	ble to all LRF	Rs, unless other	wise note	d.)		Indicators	rs for Problematic Hydric Soils ³ :	
Histosol	(A1)		Sandy R	edox (S5))		1 cm	Muck (A9) (LRR C)	
Histic Ep	ipedon (A2)		Stripped	Matrix (S	6)		2 cm	Muck (A10) (LRR B)	
Black Hi	stic (A3)		Loamy N	lucky Min	eral (F1)		Reduc	uced Vertic (F18)	
— Hydroge	n Sulfide (A4)			Sleyed Ma				Parent Material (TF2)	
	Layers (A5) (LRR C)		l Matrix (F				r (Explain in Remarks)	
	ck (A9) (LRR D)	,		ark Surfa	,			(— 4	
	Below Dark Surface	(Δ11)			rface (F7)				
	ark Surface (A12)	(7(1)		epression			3Indicators	rs of hydrophytic vegetation and	
				•	13 (1 0)			nd hydrology must be present,	
	lucky Mineral (S1)		vernai P	ools (F9)					
Sandy G	ileyed Matrix (S4)						uniess	s disturbed or problematic.	
Restrictive L	.ayer (if present):								
Type:									
Depth (inch	nec).		-				Hydric Soil P	Present? Yes No X	
Deptil (illei			-				Tiyane Son i	resent: resnoX	
HYDROLOG	Y								
							S-0	accordant Indicators (2 or more required	1/
_	drology Indicators:						<u>Se</u>	econdary Indicators (2 or more required	1
Primary Indi	cators (minimum of o	ne required; cl	neck all that apply	/)				Water Marks (B1) (Riverine)	
X Surface	Water (A1)		Salt Crust	t (B11)				Sediment Deposits (B2) (Riverine)	
High Wa	ater Table (A2)		X Biotic Cru	st (B12)				Drift Deposits (B3) (Riverine)	
X Saturation	on (A3)		Aquatic Ir	vertebrat	es (B13)			Drainage Patterns (B10)	
	larks (B1) (Nonriveri	ne)	Hydrogen		` ,			Dry-Season Water Table (C2)	
					eres along l	Living Boo			
	nt Deposits (B2) (Non			•	•	•		_ Thin Muck Surface (C7)	
	oosits (B3) (Nonriver	ine)			ed Iron (C4	,		_ Crayfish Burrows (C8)	
	Soil Cracks (B6)		Recent Ire	on Reduct	tion in Tilled	d Soils (C6	³)	Saturation Visible on Aerial Imagery (C9)
Inundati	on Visible on Aerial Ir	nagery (B7)	Thin Mucl	k Surface	(C7)			Shallow Aquitard (D3)	
Water-S	tained Leaves (B9)		Other (Ex	plain in R	emarks)			FAC-Neutral Test (D5)	
—									_
Field Observ		- V N-	Donath Const		4				
Surface Water		s X No	<u> </u>	· —	1	_			
Water Table		es X No	Depth (incl	nes):	0	_			
Saturation Pr	esent? Ye	s X No	Depth (inch	nes):	0	Wetla	nd Hydrolog	gy Present? Yes X No	
(includes cap	illary fringe)								
Describe Reco	orded Data (stream g	auge, monitori	ing well, aerial ph	otos, prev	ious inspec	ctions), if a	available:		
Remarks: Sur	face water was prese	ent at the time	of the delineation	along wi	th evidence	of surfac	e soil cracks a	and biotic crust, all indicating that the area	
	and hydrology.			-				-	

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: <u>San Dieg</u>	o Sampling Date: <u>3/3/2020</u>
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 250
Investigator(s): Beth Procsal and JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	32.55408205	02	Long: -117.025325187 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sle	opes			NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ed?	Are "Normal Circumstances" present? Yes X_ No
Are Vegetation, Soil, or Hydrology	natura	ally problema	tic? ((If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map she	owing sar	mpling poi	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X		0	A
Hydric Soil Present? Yes	No X		he Sampled . hin a Wetland	Yes No X
Wetland Hydrology Present? Yes X	No	_	iii a wollan	и.
Remarks: The majority of the vegetation on the site had does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and
	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1. None				That Are OBL, FACW, or FAC: 0 (A)
2				Total Number of Dominant Species Across All Strata: 2 (B)
3				Percent of Dominant Species(B)
4		= Total Cove		That Are OBL, FACW, or FAC:0 (A/B)
Sapling/Shrub Stratum (Plot size:)		- Total Cove	21	
1. None				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species 1 x 1 = 1
4.				FACW species 0 x 2 = 0
5.				FAC species 0 x 3 = 0
	0	= Total Cove	er	FACU species 2 x 4 = 8
Herb Stratum (Plot size:)				UPL species 9 x 5 = 45
Deinandra fasciculata	2	No	FACU	Column Totals:12 (A)54 (B)
2. Bromus madritensis	4	Yes	UPL	Prevalence Index = B/A =4.50
3. Glebionis coronaria	4	Yes	UPL_	
4. Plagiobothrys acanthocarpus		No No	OBL	Hydrophytic Vegetation Indicators:
5. <u>Hedypnois cretica</u>	1	No	UPL	Dominance Test is >50%
6.				Prevalence Index is ≤3.0¹
7. 8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
0	12	= Total Cov		· · · · · ·
Woody Vine Stratum (Plot size:)		- Total Cov	761	Problematic Hydrophytic Vegetation¹ (Explain)
1 None				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
	0	= Total Cove	er	Hydrophytic
				Vegetation
% Bare Ground in Herb Stratum 88 % Cov	ver of Biotic	Crust	0	Present? Yes No X
Remarks: Sample area is a vernal pool that receives rule predominance of hydrophytic vegetation, it does support				

Depth inches)	Color (moist)	%	Color (m	oist)	%	Type ¹	Loc ²	Texture		Remarks
								-		
	ncentration, D=Depletion	•					ns. ² l			Root Channel, M=Matrix.
	Indicators: (Applic	able to all								natic Hydric Soils ³ :
_Histosol	` '			-	Redox (S5				/luck (A9) (LF	
_	oipedon (A2) stic (A3)				d Matrix (S Mucky Mir	•			/luck (A10) (L ed Vertic (F1	·
	en Sulfide (A4)			-	Gleyed Ma	. ,			arent Materia	,
_ , ,	d Layers (A5) (LRR	C)			d Matrix ((Explain in R	` '
_	uck (A9) (LRR D)	-,			Dark Surfa				(,
	d Below Dark Surfac	e (A11)		Deplete	d Dark Su	ırface (F7)				
Thick Da	ark Surface (A12)		_	Redox I	Depressio	ns (F8)		3Indicators	of hydrophyt	ic vegetation and
_ ,	lucky Mineral (S1)			Vernal F	Pools (F9))				nust be present,
_ Sandy G	Gleyed Matrix (S4)							unless	disturbed or p	problematic.
strictive I	_ayer (if present):									
Туре:										
Type: Depth (inclemarks: The	nes):						es not meet	Hydric Soil Pr		Yes NoX standard to be consider
Type: Depth (incl emarks: Thetland. The	nes):ne sampled area su refore, no soil pit wa						es not meet	,		
Type:	nes):ne sampled area su refore, no soil pit wa	is dug and h					es not meet	the hydrophyl	tic vegetation	
Type:	nes):ne sampled area su refore, no soil pit wa	s dug and h	nydric soils a	re not c	onsidered		es not meet	the hydrophyl	tic vegetation	standard to be consider
Type: Depth (incleands: The third of the third of the third of third	nes):ne sampled area superefore, no soil pit was	s dug and h	nydric soils a	not c	onsidered		es not meet	the hydrophyl	condary Indi	standard to be consider cators (2 or more request (B1) (Riverine)
Type:	nes):ne sampled area superefore, no soil pit was siy with the sampled area superefore, no soil pit was siy with the sample siy with the samp	s dug and h	nydric soils a	hat app	onsidered		es not meet	the hydrophyl	condary Indi Water Marks	standard to be consider
Type:	nes):ne sampled area superefore, no soil pit was six and soil pit	s dug and h	nydric soils a d; check all t	hat app salt Crus	ly)	to be pres	es not meet	the hydrophyl	condary Indi Water Marks	cators (2 or more request (B1) (Riverine) eposits (B2) (Riverine) s (B3) (Riverine)
Type:	nes):ne sampled area superefore, no soil pit was six and soil pit	s dug and h	d; check all t	hat app salt Crus iotic Cru	ly) st (B11) ust (B12) nvertebra	to be pres	es not meet	the hydrophyl	condary Indi Water Marks Sediment Do Drift Deposit Drainage Pa	cators (2 or more request (B1) (Riverine) eposits (B2) (Riverine) s (B3) (Riverine)
Type: Depth (inclemarks: The land. It is a land. The land. It is a land. The land. It is a land. It	nes):ne sampled area superefore, no soil pit was refore, no soil pit was refore. GY drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3)	s dug and h	d; check all t	hat appisalt Crustiotic Crustiotic Crustiotic Crustiotic Ilydroge	ly) st (B11) ust (B12) nvertebra n Sulfide (tes (B13)	es not meet	the hydrophyl	condary Indi Water Marks Sediment Do Drift Deposit Drainage Pa	cators (2 or more requests (B1) (Riverine) eposits (B2) (Riverine) ss (B3) (Riverine) tterns (B10) Water Table (C2)
Type:	nes):ne sampled area superefore, no soil pit was refore, no soil pit was refore. Water (A1) ater Table (A2) on (A3) refore (B1) (Nonrive	: one required rine) ontiverine)	d; check all t	hat apposalt Crustiotic Crustiotic Crustic Ilydroge	ly) st (B11) ust (B12) nvertebra n Sulfide (Rhizosph	tes (B13)	es not meet eent.	the hydrophyl	condary Indi Water Marks Sediment Do Drift Deposit Drainage Pa Dry-Season	cators (2 or more requests (B1) (Riverine) eposits (B2) (Riverine) es (B3) (Riverine) sterns (B10) Water Table (C2) burface (C7)
Type:	nes):ne sampled area superefore, no soil pit was refore, no soil character soil pit was refore, no soil pit was refore, n	: cone required rine) crine)	d; check all t	hat app salt Crustiotic Crusquatic I lydroge Oxidized	ly) st (B11) ust (B12) nvertebra n Sulfide (Rhizosph	tes (B13) Odor (C1) neres along ced Iron (C	es not meet eent.	Sec	condary Indi Water Marks Sediment De Drift Deposit Drainage Pa Dry-Season Thin Muck S Crayfish Bur	cators (2 or more requests (B1) (Riverine) eposits (B2) (Riverine) es (B3) (Riverine) st (B3) (Riverine) water Table (C2) fourface (C7) crows (C8)
Type:	nes):ne sampled area superefore, no soil pit was refore, no soil pit was refore. Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (Nonrive posits (B3) (Nonrive	: cone required rine) crine)	d; check all t	hat app salt Crustiotic Crusquatic I lydroge Oxidized Presence	ly) st (B11) ust (B12) nvertebra n Sulfide (Rhizosph	tes (B13) Odor (C1) neres along ced Iron (C ction in Tille	es not meet eent. g Living Roc 44)	Sec	condary Indi Water Marks Sediment De Drift Deposit Drainage Pa Dry-Season Thin Muck S Crayfish Bur	cators (2 or more request (B1) (Riverine) eposits (B2) (Riverine) sterns (B10) Water Table (C2) surface (C7) rrows (C8) (risible on Aerial Imagery
Type:	nes):ne sampled area superefore, no soil pit was refore, no soil character soil pit was refore, no soil pit was refore, n	: cone required rine) crine)	d; check all t	hat apprint all the control of the c	ly) st (B11) ust (B12) nvertebra n Sulfide (Rhizosph e of Reduc	tes (B13) Odor (C1) heres along ced Iron (C ction in Tille	es not meet eent. g Living Roc 44)	Sec	condary Indi Water Marks Sediment Do Drift Deposit Drainage Pa Dry-Season Thin Muck S Crayfish Bur Saturation V	cators (2 or more requise (B1) (Riverine) eposits (B2) (Riverine) sterns (B10) Water Table (C2) surface (C7) crows (C8) (risible on Aerial Imagery enterns (D3)
DROLOG Metland Hy rimary Indi Surface High Wa Saturati Water M Sedimee Drift De K Surface Inundati Water-S	nes):ne sampled area superefore, no soil pit was refore, no soil (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9)	: cone required rine) crine)	d; check all t	hat apprint all the control of the c	ly) st (B11) ust (B12) nvertebra n Sulfide (Rhizosph e of Reduc	tes (B13) Odor (C1) heres along ced Iron (C ction in Tille	es not meet eent. g Living Roc 44)	Sec	condary Indi Water Marks Sediment Do Drift Deposit Drainage Pa Dry-Season Thin Muck S Crayfish Bur Saturation V Shallow Aqu	cators (2 or more requise (B1) (Riverine) eposits (B2) (Riverine) sterns (B10) Water Table (C2) surface (C7) crows (C8) (risible on Aerial Imagery uitard (D3)
DROLOG Wetland Hy rimary Indi Surface High Wa Saturati Water M Sedimee Drift De K Surface Inundati Water-Seld Obser	nes):ne sampled area superefore, no soil pit was refore, no soil Plater Table (A2) on (A3) reformed (A2) on (A3) reformed (A2) (Nonrive nt Deposits (B1) (Nonrive nt Deposits (B3) (Nonrive Soil Cracks (B6) reformed (A3) refor	is dug and h	d; check all t	hat app salt Crus siotic Crusquatic I dydroge existing distribution of the cream of the control of the control of the control	dy) st (B11) ust (B12) nvertebra n Sulfide (Rhizosphe of Reductor	tes (B13) Odor (C1) heres along ced Iron (C stion in Tille e (C7) Remarks)	es not meet eent. g Living Roc 44)	Sec	condary Indi Water Marks Sediment Do Drift Deposit Drainage Pa Dry-Season Thin Muck S Crayfish Bur Saturation V Shallow Aqu	cators (2 or more requise (B1) (Riverine) eposits (B2) (Riverine) sterns (B10) Water Table (C2) surface (C7) crows (C8) (risible on Aerial Imagery enterns (D3)
DROLOG Wetland Hy rimary Indi Surface High Wa Saturati Water M Sedime Drift De K Surface Inundati Water-S eld Observerse	nes):ne sampled area superefore, no soil pit was refore, no soil (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (Nonrive soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) reforesent?	: cone required prine) lmagery (B') //es	d; check all t	hat applicate Crustionic Crustionic Crustionic Crustionic Crustionic Crustionic Cresence Cecent In Muchin Muchin Muchin Cepth (incepth (in	dy) st (B11) ust (B12) nvertebra n Sulfide (Rhizosphe of Reductor	tes (B13) Odor (C1) neres along ced Iron (C ction in Tille	es not meet eent. J Living Roc (4) ed Soils (C6	Sectors (C3)	condary Indi Water Marks Sediment Do Drift Deposit Drainage Pa Dry-Season Thin Muck S Crayfish Bur Saturation V Shallow Aqu FAC-Neutra	cators (2 or more requise (B1) (Riverine) eposits (B2) (Riverine) sterns (B10) Water Table (C2) surface (C7) crows (C8) (risible on Aerial Imagery enterns (D3)
Type:	nes):ne sampled area superefore, no soil pit was refore, no soil (Maria (Mari	: cone required prine) lmagery (B') //es	d; check all t	hat applicate Crustionic Crustionic Crustionic Crustionic Crustionic Crustionic Cresence Cecent In Muchin Muchin Muchin Cepth (incepth (in	dy) st (B11) ust (B12) nvertebra n Sulfide (Rhizosphe of Reductor	tes (B13) Odor (C1) neres along ced Iron (C ction in Tille	es not meet eent. J Living Roc (4) ed Soils (C6	Sec	condary Indi Water Marks Sediment Do Drift Deposit Drainage Pa Dry-Season Thin Muck S Crayfish Bur Saturation V Shallow Aqu FAC-Neutra	cators (2 or more requise (B1) (Riverine) eposits (B2) (Riverine) sterns (B10) Water Table (C2) surface (C7) crows (C8) (risible on Aerial Imagery enterns (D3)
Type:	nes):ne sampled area superefore, no soil pit was refore, no soil pit was refored water (A1) ater Table (A2) on (A3) reformed (A3) reform	crine) Imagery (B: /es /es /es	d; check all t S	hat applicate of the control of the	ly) st (B11) ust (B12) nvertebra n Sulfide (Rhizosph e of Reduct ron Reduct ck Surface xplain in F	tes (B13) Odor (C1) neres along ced Iron (C ction in Tille e (C7) Remarks)	g Living Roc 4) ed Soils (C6	Sectors (C3)	condary Indi Water Marks Sediment Do Drift Deposit Drainage Pa Dry-Season Thin Muck S Crayfish Bur Saturation V Shallow Aqu FAC-Neutra	cators (2 or more requise (B1) (Riverine) eposits (B2) (Riverine) sterns (B10) Water Table (C2) sturface (C7) trows (C8) sisted on Aerial Imagery (D3) (Test (D5)
Type:	nes):ne sampled area superefore, no soil pit was refore, no soil (Maria (Mari	crine) Imagery (B: /es /es /es	d; check all t S	hat applicate of the control of the	ly) st (B11) ust (B12) nvertebra n Sulfide (Rhizosph e of Reduct ron Reduct ck Surface xplain in F	tes (B13) Odor (C1) neres along ced Iron (C ction in Tille e (C7) Remarks)	g Living Roc 4) ed Soils (C6	Sectors (C3)	condary Indi Water Marks Sediment Do Drift Deposit Drainage Pa Dry-Season Thin Muck S Crayfish Bur Saturation V Shallow Aqu FAC-Neutra	cators (2 or more requise (B1) (Riverine) esposits (B2) (Riverine) esterns (B10) Water Table (C2) surface (C7) crows (C8) risible on Aerial Imagery eiterd (D3) I Test (D5)
Type:	nes):ne sampled area superefore, no soil pit was refore, no soil pit was refored (A1) ater Table (A2) on (A3) reformed (A3	: cone required prine) Imagery (B: //es //es gauge, mon	d; check all t	hat applicate Crustionic Crustionic Crustionic Crustionic Crustionic Crustionic Cresence Cecent In Mucother (E. Pepth (incepth (i	dy) st (B11) ust (B12) nvertebra n Sulfide (Rhizosph e of Reductor Reducto	tes (B13) Odor (C1) neres along ced Iron (C ction in Tille e (C7) Remarks)	g Living Roc 4) ed Soils (C6	ste hydrophyl Sec Sec Ots (C3) Ind Hydrology available:	condary Indi Water Marks Sediment Do Drift Deposit Drainage Pa Dry-Season Thin Muck S Crayfish Bur Saturation V Shallow Aqu FAC-Neutra	cators (2 or more requise (B1) (Riverine) eposits (B2) (Riverine) sterns (B10) Water Table (C2) surface (C7) crows (C8) disible on Aerial Imagery ditard (D3) I Test (D5) Yes X No
Type:	nes):ne sampled area superefore, no soil pit was refore, no soil pit was read refore, no soil pit was refore, no soil (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (Nonrive soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) Vations: er Present? Present? resent?	is dug and h	d; check all t	hat applicate Crustionic Crustionic Crustionic Crustionic Crustionic Crustionic Cresence Cecent III him Mucother (E. epth (incepth (incept	dy) st (B11) ust (B12) nvertebra n Sulfide (Rhizosph e of Reduc ron Reduc k Surface xplain in F ches): ches): ches):	tes (B13) Odor (C1) heres along ced Iron (C ction in Tille c (C7) Remarks)	us not meet usent. J Living Roc used Soils (Co	ste hydrophyl Sec Sec Ots (C3) Ind Hydrology Ivailable: Index soil cracks	Condary Indi Water Marks Sediment Do Drift Deposit Drainage Pa Dry-Season Thin Muck S Crayfish Bur Saturation V Shallow Aqu FAC-Neutra	cators (2 or more requise (B1) (Riverine) eposits (B2) (Riverine) sterns (B10) Water Table (C2) sturface (C7) trows (C8) sisted on Aerial Imagery (D3) (Test (D5)

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	o Sampling Date: 3/3/2020
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 251
Investigator(s): Beth Procsal and JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	32.55436003	85	Long: -117.025669293 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No
Are Vegetation , Soil , or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes			aa Cammiad	Area
	No X	15 (1	he Sampled . nin a Wetland	YAS NO X
Wetland Hydrology Present? Yes X	No	_ """	iii a rrottan	.
does not meet the wetland criteria. VEGETATION – Use scientific names of plants		,	'	es. This feature was sampled during the growing season and
	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1. None	% Cover	Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2				Total Number of Dominant Species Across All Strata: 2 (B)
4.				Percent of Dominant Species That Are OBL, FACW, or FAC: 50.0 (A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cove	er	
1. None				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species15 x 1 =15
4				FACW species 0 x 2 = 0
5				FACU species 1 x 4 = 4
Harb Stratum (Diot size:		= Total Cove	er	FACU species 1 x 4 = 4 UPL species 22 x 5 = 110
Herb Stratum (Plot size:) 1. Plagiobothrys acanthocarpus	15	Yes	OBL	Column Totals: 39 (A) 132 (B)
2. Bromus madritensis	20	Yes	UPL	(b)
3. Erodium botrys	1	No No	UPL	Prevalence Index = B/A = 3.38
4. Logfia gallica	1	No	UPL	Hydrophytic Vegetation Indicators:
5. Lepidium nitidum	1	No	FAC	Dominance Test is >50%
6. Lamarckia aurea	1	No	FACU	Prevalence Index is ≤3.0¹
7				Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
<u> </u>	39	= Total Cov		Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:		rotal cov	701	Problematic Hydrophytic Vegetation (Explain)
1. None				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2				<u> </u>
W. Dono Oceanid in Healt Obstance Office (Co.)	<u> </u>	= Total Cove		Hydrophytic Vegetation
	ver of Biotic		0	Present? Yes No X
Remarks: Sample area is a vernal pool that receives ru predominance of hydrophytic vegetation, it does suppor				

1	cription: (Describe	•				confirm t	the absenc	e of indicato	rs.)	
Depth	Matrix	·		Redox Featu					_	
(inches)	Color (moist)	%C	color (moist)	%	Type ¹	Loc ²	Textu	re	Remar	ks
				_						
	-			-						
				-				· .		
	-			_			_			
¹ Type: C=Co	ncentration, D=Deplet	tion, RM=Reduced Ma	atrix, CS=Cover	ed or Coated	Sand Grains	s. ²	Location: PL	=Pore Lining, R	C=Root Channel,	M=Matrix.
Hydric Soi	l Indicators: (Appl	icable to all LRRs	s, unless othe	rwise note	d.)		Indicat	ors for Probl	ematic Hydric	Soils ³ :
Histoso	l (A1)		Sandy	Redox (S5))		1 c	m Muck (A9)	(LRR C)	
Histic E	pipedon (A2)		Strippe	ed Matrix (S	6)		2 c	m Muck (A10) (LRR B)	
Black F	listic (A3)		Loamy	Mucky Min	eral (F1)		Re	duced Vertic	(F18)	
	en Sulfide (A4)			Gleyed Ma				d Parent Mate	` '	
	ed Layers (A5) (LRF	२ C)		ed Matrix (F	,		Oth	ner (Explain ir	n Remarks)	
	uck (A9) (LRR D)			Dark Surfa	` '					
	ed Below Dark Surfa	ace (A11)		ed Dark Sui			21			
)ark Surface (A12)			Depression	is (F8)				hytic vegetation	
	Mucky Mineral (S1)		vernai	Pools (F9)					y must be preson or problematic.	ent,
Sandy	Gleyed Matrix (S4)						urne	ess disturbed	or problematic.	
Restrictive	Layer (if present):	:								
Type:										
Depth (inc	ches):						Hydric Soi	I Present?	Yes	No X
Remarks: T	he sampled area s	upports a predomir	nance of uplar	nd vegetatio	n and does	s not mee	et the hydror	hvtic vegetat	ion standard to	be considered a
	erefore, no soil pit v						, ,	, 0		
HYDROLOG										
1	ydrology Indicator									more required)
Primary Ind	licators (minimum c	of one required; che		• /				Water Ma	arks (B1) (Rive i	ine)
Surface	e Water (A1)		Salt Cru	ıst (B11)				Sedimen	t Deposits (B2)	(Riverine)
High W	/ater Table (A2)		X Biotic C	rust (B12)				Drift Dep	osits (B3) (Rive	rine)
Saturat	tion (A3)		Aquatic	Invertebrate	es (B13)			Drainage	Patterns (B10)	
Water I	Marks (B1) (Nonriv	rerine)	Hydroge	en Sulfide C	dor (C1)			Dry-Seas	on Water Table	e (C2)
Sedime	ent Deposits (B2) (N	Nonriverine)	Oxidize	d Rhizosphe	eres along	Living Ro	ots (C3)	Thin Muc	k Surface (C7)	
Drift De	eposits (B3) (Nonri	verine)	Presend	e of Reduc	ed Iron (C4	1)		Crayfish	Burrows (C8)	
Surface	e Soil Cracks (B6)		Recent	Iron Reduct	tion in Tilled	d Soils (C	6)	Saturatio	n Visible on Aeı	rial Imagery (C9)
Inunda	tion Visible on Aeria	al Imagery (B7)	Thin Mu	ck Surface	(C7)			Shallow A	Aquitard (D3)	
Water-	Stained Leaves (B9	9)	Other (E	Explain in R	emarks)		•	FAC-Neu	tral Test (D5)	
Field Obser	m rationa.									
	ter Present?	Yes No _	X Depth (in	chee).						
Water Table		Yes No				-				
Saturation F		Yes No				— Motic	and Hudral	ogy Procent	9 Vos V	No
	pillary fringe)	res No_	Deptii (in	cries).		— wella	and Hydroi	ogy Present	? Yes <u>X</u>	
-	corded Data (stream	n dauge monitorin	a well aerial r	nhotos nrev	vious inspec	ctions) if:	available.			
Describe rec	Soraca Bata (Stream	ir gaage, monitoring	g won, acriai p	niotos, prov	ious mope.	000110), 11	available.			
	though no surface	•				ice of a bi	iotic crust in	dicate that the	e area supports	wetland
hydrology. W	ater table level and	I saturation are not	known as a s	oil pit was n	ot dug.					

Project/Site: Southwest Village Specific Plan Project		City/Cou	unty: <u>San Dieg</u>	0	_Sampling Date:	3.3.20
Applicant/Owner: Pardee Homes				State: CA	_Sampling Point	252
Investigator(s): Andrew Smisek, Katy Chappaz		Section	n, Township, R	ange: Section 31, T18S F	₹01W	
Landform (hillslope, terrace, etc.): mesa top		Local r	elief (concave,	convex, none): concave	Sloj	pe (%): <u>0-2</u>
Subregion (LRR): C - Mediterranean California	Lat: 3	32.5586559	439	Long: -117.027031501	Datu	m: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl	opes			NWI classificatio	n: None	
Are climatic / hydrologic conditions on the site typical for	this time of	year? Ye	s X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology	signifi	cantly distu	rbed?	Are "Normal Circumstance	s" present? Yes	X No
Are Vegetation Soil or Hydrology				(If needed, explain any ans	wers in Remark	s.)
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	t features, etc	
Hydrophytic Vegetation Present? Yes X	No	_	the Compled	A		
Hydric Soil Present? Yes X	No		the Sampled a	Yes X	< No	
Wetland Hydrology Present? Yes X	No	_ "''	itimi a violiani	u :		
Remarks: The majority of the vegetation on the site had meets the wetland criteria. VEGETATION – Use scientific names of plants		arbod dde k	o pastiana ase	o. This leader was sample		SWIIII GOODON CINC
True Otratum (District	Absolute	Dominant		Dominance Test works	sheet:	
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Sp		4 (4)
2. <i>Hone</i>				That Are OBL, FACW, o		(A)
2				Total Number of Domina Species Across All Strat		6 (B)
4.				Percent of Dominant Sp		(B)
		= Total Co	ver	That Are OBL, FACW, o	r FAC:	67 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index work	sheet:	
2.				Total % Cover of:	Multip	ply by:
3				OBL species	x 1 =	
4				FACW species	x 2 =	
5				FAC species		
		= Total Co	ver	FACU species		
Herb Stratum (Plot size:)		.,	= 4 0 14 4	UPL species		
1. Spergularia bocconi		Yes	FACW	Column Totals:	(A)	(B)
2. Deinandra fasciculata		Yes	_ FACU	Prevalence Index	x = B/A =	
3. Schismus barbatus	<u>.</u>	Yes	UPL	Lludus ulsutis Variatis		
Sonchus asper Psilocarphus brevissimus	1	Yes Yes	FACW	Hydrophytic Vegetatio		
6. Juncus bufonius	1	Yes	FACW	X Dominance Test is Prevalence Index		
7				Morphological Ada		do supporting
8.					ks or on a separa	
	6	= Total C	over	Problematic Hydro	onhytic Vegetatio	on¹ (Explain)
Woody Vine Stratum (Plot size:				Troblemate riyare	spriyao vogotaa	AT (Explain)
1. none				¹ Indicators of hydric soi		
2				be present, unless distu	neldord to bedric	iauc.
% Bare Ground in Herb Stratum 94 % Co	ver of Biotic	= Total Co	ver	Hydrophytic Vegetation Present? Ye	es X N	0
Remarks: Sample area is a vernal pool that receives ru			nall local micro			
predominately of hydrophytic vegetation, it also supports						ว เอเอนเIY

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Loc ²	Texture	Remarks
М	sandy clay	
	sandy clay	sandy clay
	sandy clay	no redox
		-
	-	
s. ²		Lining, RC=Root Channel, M=Matrix.
		or Problematic Hydric Soils ³ :
		ck (A9) (LRR C)
		ck (A10) (LRR B)
		ent Material (TF2)
		xplain in Remarks)
	<u> </u>	,
		hydrophytic vegetation and
		ydrology must be present,
	unless dis	sturbed or problematic.
	Hydric Soil Pres	ent? Yes X No No
	Seco	ndary Indicators (2 or more required)
		ndary Indicators (2 or more required) /ater Marks (B1) (Riverine)
		/ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine)
		/ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine)
		/ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10)
Living Ro		/ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2)
Living Roo		/ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7)
4)		/ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2)
_		Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8)
4)		Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9)
4)		Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) hallow Aquitard (D3)
4)		Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) hallow Aquitard (D3)
4)		Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) hallow Aquitard (D3)
4) d Soils (Co	W S S D D D D D D D D	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) rhallow Aquitard (D3) AC-Neutral Test (D5)
4) d Soils (Co		Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rrift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) rhallow Aquitard (D3) AC-Neutral Test (D5)
4) d Soils (Co	W S S D S S S S S S S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) rhallow Aquitard (D3) AC-Neutral Test (D5)
4) d Soils (Ce	W S S D S S S S S S S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) rhallow Aquitard (D3) AC-Neutral Test (D5)
d Soils (Co	ots (C3) To C3 S S S S S S S S S S S S S S S S S S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rrift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) rhallow Aquitard (D3) AC-Neutral Test (D5)
d Soils (Co	ots (C3) To C3 S S S S S S S S S S S S S S S S S S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) rhallow Aquitard (D3) AC-Neutral Test (D5)
d Soils (Co	ots (C3) To C3 S S S S S S S S S S S S S S S S S S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rrift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) rhallow Aquitard (D3) AC-Neutral Test (D5)
d Soils (Co	ots (C3) To C3 S S S S S S S S S S S S S S S S S S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rrift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) rhallow Aquitard (D3) AC-Neutral Test (D5)
		sandy clay Indicators for sandy clay and sandy clay

Sapling/Shrub Stratum (Plot size:) 1. None Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species 0 x 1 = 0 FACW species 1 x 2 = 2 FAC species 1 x 3 = 3 FACU species 9 x 4 = 36 UPL species 6 x 5 = 30 UPL species 1 FACU species 1 FACU species 6 x 5 = 30 UPL species 6 x 5 = 30 UPL species 1 FACU species 1 FACU species 9 x 4 = 36 UPL species 6 x 5 = 30 UPL species 6 x 5 = 30 UPL species 6 x 5 = 30 UPL species 1 FACU species 9 x 4 = 36 UPL species 6 x 5 = 30 UPL species 7 UPL species 6 x 5 = 30 UPL species 6 x 5 = 30 UPL species 6 x 5 = 30 UPL species 7 UPL species 6 x 5 = 30 UPL species 7 UPL species 7 UPL species 8 x 5 = 30 UPL speci	Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: <u>San Dieg</u>	o Sampling Date: 3/3/2020				
Local relief (concave, convex, none): Concave Slope (%): 0-2	Applicant/Owner: Pardee Homes State: CA Sampling Point: 253								
Subregion (LRR): C - Mediterranean California Lat: 32.5580127416 Long: -117.028200342 Datum: NAD83	Investigator(s): Beth Procsal and JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slopes Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.) Are Vegetation X, Soil or Hydrology significantly disturbed? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No X Is the Sampled Area within a Wetland? Hydrology Present? Yes No X Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes No X Wetland Pydrology of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and does not meet the wetland criteria. VEGETATION – Use scientific names of plants. Tee Stratum (Plot size:) Absolute Dominant Indicator Stratum (Plot size:) Yes Species? Status That Are OBL, FACW, or FAC: 0 (A) 1. None	Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2				
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.) Are Vegetation X, Soil _, or Hydrologysignificantly disturbed? Are "Normal Circumstances" present? Yes _X No	Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55801274 <i>°</i>	16	Long: -117.028200342 Datum: NAD83				
Are Vegetation X, Soil, or Hydrology	Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl	opes -			NWI classification: None				
Are Vegetation X. Soil, or Hydrology	Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)				
Are Vegetation, Soil, or Hydrology	Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ed? /	Are "Normal Circumstances" present? Yes X No				
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present?					(If needed, explain any answers in Remarks.)				
Hydric Soil Present? Yes X No X Within a Wetland? Yes No Yes Y	SUMMARY OF FINDINGS – Attach site map sh	owing sar	mpling poir	nt locations	s, transects, important features, etc.				
Hydric Soil Present? Yes X No X Within a Wetland? Yes No Yes Y	Hydrophytic Vegetation Present? Yes	No X							
Wetland Hydrology Present? Yes X No Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and does not meet the wetland criteria. VEGETATION - Use scientific names of plants. Dominant of the wetland criteria Absolute of Species? Status Dominant of Species Status Species	No X	15 (1	•	YAS NO X					
VEGETATION – Use scientific names of plants. Indicator Species Dominant Species Number of Dominant Species That Are OBL, FACW, or FAC: Q (A) Number of Dominant Species Number of Dominant Species Number of Dominant Species Number of Dominant Species That Are OBL, FACW, or FAC: Q (A) Number of Dominant Species That Are OBL, FACW, or FAC: Q (A) Author Species That Are OBL, FACW, or FAC: Q (A) Author Species That Are OBL, FACW, or FAC: Q (A) Author Species That Are OBL, FACW, or FAC: Q (A) Author Species That Are OBL, FACW, or FAC: Q (A) Author Species That Are OBL, FACW, or FAC: Q (A) Author Species That Are OBL, FACW, or FAC: Q (A) Author Species That Are OBL, FACW, or FAC: Q (A) Author Species That Are OBL, FACW, or FAC: Q (B) Author Species That Are OBL, FA	Wetland Hydrology Present? Yes X	-	Witi	iii a vveuaii	ur ———				
Absolute None Species Status Indicator Species Status Species Sp	does not meet the wetland criteria.		urbed due to p	past land use	s. This feature was sampled during the growing season and				
None Species Status Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)	VEGETATION – Use scientific names of plants		Dominant	Indicator	Dominance Test worksheet:				
1. None That Are OBL, FACW, or FAC: 0 (A) 2. Total Number of Dominant Species Across All Strata: 2 (B) 4. Fercent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B) Sapling/Shrub Stratum (Plot size:)) 1. None Prevalence Index worksheet:	Tree Stratum (Plot size:)								
Sapling/Shrub Stratum (Plot size:)	1. None				·				
4.	3				Charles Agrees All Strate.				
Sapling/Shrub Stratum (Plot size:)									
Sapling/Shrub Stratum (Plot size:)				er	That Are OBL, FACW, or FAC: 0 (A/B)				
1. None	Sapling/Shrub Stratum (Plot size:)								
3. OBL species 0 x 1 = 0 4. FACW species 1 x 2 = 2 5. FAC species 1 x 3 = 3 FACU species 9 x 4 = 36 UPL species 6 x 5 = 30 1. Psilocarphus brevissimus 1 No FACW 2. Deinandra fasciculata 3 No FACU 3. Erodium botrys 5 Yes FACU 4. Lamarckia aurea 5 Yes UPL 5. Lasthenia gracilis 1 No FACU 6. Schismus barbatus 1 No UPL 7. Crassula connata 1 No FAC Morphological Adaptations¹ (Provide supporting	1. None				Prevalence Index worksheet:				
3. 4. OBL species 0 x 1 = 0 4. FACW species 1 x 2 = 2 5. FAC species 1 x 3 = 3 FACU species 9 x 4 = 36 UPL species 6 x 5 = 30 1. Prevalence index = B/A = 4.18 2. Deinandra fasciculata 3 No FACU 3. FACU Prevalence Index = B/A = 4.18 4. Lamarckia aurea 5 Yes UPL Hydrophytic Vegetation Indicators: 5. Lasthenia gracillis 1 No FACU Dominance Test is >50% 6. Schismus barbatus 1 No UPL Prevalence Index is ≤3.0¹ 7. Crassula connata 1 No FAC Morphological Adaptations¹ (Provide supporting	2.				Total % Cover of: Multiply by:				
4. FACW species 1 x 2 = 2 5. = Total Cover FACU species 1 x 3 = 3 Herb Stratum (Plot size:)) UPL species 9 x 4 = 36 1. Psilocarphus brevissimus 1 No FACW 2. Deinandra fasciculata 3 No FACU 3. Erodium botrys 5 Yes FACU 4. Lamarckia aurea 5 Yes UPL 5. Lasthenia gracilis 1 No FACU 6. Schismus barbatus 1 No UPL 7. Crassula connata 1 No FAC Morphological Adaptations¹ (Provide supporting)	2				OBL species 0 x 1 = 0				
Herb Stratum (Plot size:) FACU species 9 x 4 = 36 UPL species 6 x 5 = 30 UPL species spe	1				FACW species1 x 2 =2				
Herb Stratum (Plot size:	5				FAC species1 x 3 = 3				
1. Psilocarphus brevissimus 1 No FACW Column Totals: 17 (A) 71 (B) 2. Deinandra fasciculata 3 No FACU Prevalence Index = B/A = 4.18 3. Erodium botrys 5 Yes UPL Hydrophytic Vegetation Indicators: 4. Lamarckia aurea 5 Yes UPL Dominance Test is >50% 5. Lasthenia gracilis 1 No FACU Dominance Test is >50% 6. Schismus barbatus 1 No UPL Prevalence Index is ≤3.0¹ 7. Crassula connata 1 No FAC Morphological Adaptations¹ (Provide supporting			= Total Cove	er					
2. Deinandra fasciculata 3 No FACU Prevalence Index = B/A = 4.18 3. Erodium botrys 5 Yes FACU Hydrophytic Vegetation Indicators: 4. Lamarckia aurea 5 Yes UPL Hydrophytic Vegetation Indicators: 5. Lasthenia gracilis 1 No FACU Dominance Test is >50% 6. Schismus barbatus 1 No UPL Prevalence Index is ≤3.0¹ 7. Crassula connata 1 No FAC Morphological Adaptations¹ (Provide supporting)	Herb Stratum (Plot size:)				· · · · · · · · · · · · · · · · · · ·				
3. Erodium botrys 5 Yes FACU Prevalence index = B/A = 4.18 4. Lamarckia aurea 5 Yes UPL Hydrophytic Vegetation Indicators: 5. Lasthenia gracilis 1 No FACU Dominance Test is >50% 6. Schismus barbatus 1 No UPL Prevalence Index is ≤3.0¹ 7. Crassula connata 1 No FAC Morphological Adaptations¹ (Provide supporting)	· ·				Column Totals:17				
 4. Lamarckia aurea 5 Yes UPL 5. Lasthenia gracilis 6. Schismus barbatus 7. Crassula connata 5 Yes UPL No FACU Dominance Test is >50% Prevalence Index is ≤3.0¹ Morphological Adaptations¹ (Provide supporting 					Prevalence Index = B/A =4.18				
5. Lasthenia gracilis 1 No FACU Dominance Test is >50% 6. Schismus barbatus 1 No UPL Prevalence Index is ≤3.0¹ 7. Crassula connata 1 No FAC Morphological Adaptations¹ (Provide supporting									
6. Schismus barbatus 1 No UPL Prevalence Index is ≤3.0¹ 7. Crassula connata 1 No FAC Morphological Adaptations¹ (Provide supporting	<u> </u>								
7. Crassula connata 1 No FAC Morphological Adaptations¹ (Provide supporting									
8. data in Remarks or on a separate sheet)				— FAC					
17 = Total Cover Problematic Hydrophytic Vegetation¹ (Explain)	O	17	= Total Cov	er	,				
Woody Vine Stratum (Plot size:	Woody Vine Stratum (Plot size:		10101 001	O.	Troblematic rrydrophytic vegetation (Explain)				
1. None Indicators of hydric soil and wetland hydrology must					¹ Indicators of hydric soil and wetland hydrology must				
be present, unless disturbed or problematic.									
0 = Total Cover Hydrophytic		0	= Total Cove	er					
% Bare Ground in Herb Stratum 83 % Cover of Biotic Crust 0 Present? Yes No X	% Bare Ground in Herb Stratum83	ver of Biotic	Crust	0					
Remarks: Sample area is a vernal pool that receives runoff from a relatively small local micro-watershed. While the sample area does not support a									
predominance of hydrophytic vegetation, it does support one vernal pool plant indicator species (Psilocarphus brevissimus).	predominance of hydrophytic vegetation, it does support	t one vernal	pool plant ind	dicator specie	es (Psilocarphus brevissimus).				

	ription: (Describe	to the depth nee				onfirm th	ne absence	of indica	itors.)	
Depth	Matrix			Redox Featur					_	
(inches)	Color (moist)	%	Color (moist)		Type ¹	Loc ²	Textu	<u>re</u>	K	Remarks
							· 			
							· 			
1Turney C=Co.		ion DM-Dadwood M	latrix CC=Cayor	ad as Caatad S	`and Crains	21		-Doro Lining	DC-Doot Ch	annal M-Matrix
	ncentration, D=Deplet	•								annel, M=Matrix.
I -	Indicators: (Appl	icable to all LRR			i.)					ydric Soils³:
— Histoso	` '			Redox (S5)	`				9) (LRR C)	
	pipedon (A2) listic (A3)			ed Matrix (S6 Mucky Mine	,			n Muck (A duced Vert	10) (LRR B)	
	en Sulfide (A4)			Gleyed Mat	, ,				lc (F16) laterial (TF2)	
	d Layers (A5) (LRI	S C)		ed Matrix (F3					n in Remarks	
	uck (A9) (LRR D)	()		Dark Surfac	,		— "	ioi (Explaii	T III T COTTIGUTE	')
	d Below Dark Surf	ace (A11)		ed Dark Surf	` '					
	ark Surface (A12)	,		Depressions			3Indicate	ors of hydr	ophytic vege	tation and
Sandy I	Mucky Mineral (S1)		 Vernal	Pools (F9)	,		wetl	and hydrol	ogy must be	present,
Sandy 0	Gleyed Matrix (S4)						unle	ss disturbe	ed or problen	natic.
Restrictive	Layer (if present):	!								
Type:										
Depth (inc	hes).						Hydric Soil	Present?	Yes	No X
	-						,		_	
							the hydrop	hytic vege	tation standa	ard to be considered a
welland. The	erefore, no soil pit v	vas dug and nydno	c soils are not	considered it	be preser	IL.				
HYDROLOG	ЭΥ									
Wetland Hy	ydrology Indicato	rs:						Secondar	y Indicators	(2 or more required)
Primary Ind	icators (minimum c	of one required; ch	eck all that app	oly)				Water	Marks (B1) (Riverine)
Surface	Water (A1)		Salt Cru	ıst (B11)				— Sedim	ent Deposits	(B2) (Riverine)
High W	ater Table (A2)		X Biotic C				_		eposits (B3)	
Saturat	ion (A3)			Invertebrate	s (B13)		_	— Draina	ge Patterns	(B10)
	Marks (B1) (Nonri v	erine)		en Sulfide Od			-		eason Water	
_ 	ent Deposits (B2) (d Rhizosphei		ivina Roc	ots (C3)	_ ′	luck Surface	` '
	posits (B3) (Nonri	-		ce of Reduce	_	_	_		sh Burrows (0	
	Soil Cracks (B6)	,		Iron Reduction			- 3)		•	on Aerial Imagery (C9)
	tion Visible on Aeria	al Imagery (B7)	_	ıck Surface ((-		w Aquitard ([,
	Stained Leaves (B9		_	Explain in Re	-		-		leutral Test (,
		-/			,		-			
Field Obser			V 5 " "							
Surface Wat		Yes No				-				
Water Table		Yes No				-		_		
Saturation P		Yes No	X Depth (in	ches):		_ Wetla	nd Hydrolo	ogy Prese	nt? Yes	XNo
	pillary fringe)	n gauga manitarin	a woll poriol r	shotoo provis	aua inanaat	iona) if a	wailahla:			
Describe Red	corded Data (strear	n gauge, monitorii	ig weii, aeriai p	priotos, previ	ous inspect	ioris), ii a	avallable.			
					on, evidenc	e of biotic	c crust indic	cate that th	e area supp	orts wetland hydrology.
Water table le	evel and saturation	are not known as	a soil pit was r	not dug.						

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	Sampling Date: 3.3.20					
Applicant/Owner: Pardee Homes State: CA Sampling Point: 254									
Investigator(s): Andrew Smisek, Katy Chappaz		Section,	Township, R	ange: Section 31, T18S R01W					
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2					
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55813312	42	Long: -117.028458456 Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: None					
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)					
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No					
Are Vegetation Soil X, or Hydrology	 natura	ally problema	tic?	(If needed, explain any answers in Remarks.)					
				two poorts important footures at					
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poli	nt locations	s, transects, important features, etc.					
Hydrophytic Vegetation Present? Yes X	_No	_ 1-41	0 1 1	A					
Hydric Soil Present? Yes X	No		ne Sampled . nin a Wetland	YAS X NO					
Wetland Hydrology Present? Yes X	No	_ ****	iii a vvotian	···					
Remarks: The majority of the vegetation on the site ha	ıs been distı	urbed due to	past land use	s. This feature was sampled during the growing season and					
meets the wetland criteria.		'	•	, 3 3 3					
VEGETATION – Use scientific names of plants				I.B					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:					
1. none	70 00101			Number of Dominant Species That Are OBL, FACW, or FAC: 5 (A)					
2.				Total Number of Dominant					
3.				Species Across All Strata: 7 (B)					
4.				Percent of Dominant Species					
		= Total Cove	er	That Are OBL, FACW, or FAC: 71 (A/B)					
Sapling/Shrub Stratum (Plot size:)									
1. none				Prevalence Index worksheet:					
2				Total % Cover of: Multiply by:					
3				OBL species x 1 =					
4				FACW species x 2 =					
5				FAC species x 3 =					
Hart Otratina (District		= Total Cove	er	FACU species x 4 =					
Herb Stratum (Plot size:)	4	V	ODI	UPL species x 5 =(D)					
1. Crassula aquatica	1	Yes	OBL	Column Totals: (A)(B)					
2. Juncus bufonius	1	Yes Yes	FACW FACW	Prevalence Index = B/A =					
Plantago elongata Spergularia bocconi			FACW	Hydrophytic Vocatation Indicators					
Spergularia bocconi Deinandra fasciculata		Yes Yes	FACU	Hydrophytic Vegetation Indicators:					
6. Psilocarphus brevissimus	1	Yes	FACW	X Dominance Test is >50% Prevalence Index is ≤3.0¹					
7. Erodium botrys	1	Yes	FACU						
8.		163		Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)					
o	7	= Total Cov		Problematic Hydrophytic Vegetation ¹ (Explain)					
Woody Vine Stratum (Plot size:		rotal col		Troblematic riyuropriytic vegetation (Explain)					
1. none				¹ Indicators of hydric soil and wetland hydrology must					
				be present, unless disturbed or problematic.					
2		= Total Cove	er	Hydrophytic					
				Vegetation					
% Bare Ground in Herb Stratum93 % Co	ver of Biotic	Crust		Present? Yes X No No					
Remarks: Sample area is a vernal pool that receives ru									
predominately of hydrophytic vegetation, it also supports Psilocarphus brevissimus).	s three verna	al pool plant i	ndicator spec	cies (Crassula aquatica, Plantago elongata, and					
- S. S. Frido Si Officontido).									

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featι	ıres			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-18	10YR 4/2	100					sandy clay	no redox
 								
							-	
								<u> </u>
¹ Type: C=Coi	ncentration, D=Depletio	n, RM=Reduced	Matrix, CS=Covered	or Coated	Sand Grains	s. ² l	Location: PL=Pore	Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applic	able to all LRI	Rs, unless otherv	vise note	d.)		Indicators for	or Problematic Hydric Soils³:
Histoso	I (A1)		Sandv R	edox (S5))		1 cm Mu	uck (A9) (LRR C)
	pipedon (A2)			Matrix (S				uck (A10) (LRR B)
	istic (A3)			lucky Min	-			d Vertic (F18)
	en Sulfide (A4)			Sleyed Ma				rent Material (TF2)
	d Layers (A5) (LRR (3)		l Matrix (F				Explain in Remarks)
	uck (A9) (LRR D)	-,		ark Surfa	,		<u> </u>	explain in remains)
	d Below Dark Surfac	e (A11)			rface (F7)			
	ark Surface (A12)	0 (/ 1.1)		epression	, ,		3Indicators o	f hydrophytic vegetation and
	Mucky Mineral (S1)			ools (F9)	.0 (1 0)			nydrology must be present,
	Gleyed Matrix (S4)		vernan	0013 (1 3)				sturbed or problematic.
Carray C	Sicycu Matrix (O+)						unicss di	starbed or problematic.
Restrictive	Layer (if present):							
Type:			_					
Depth (inc	hes):						Hydric Soil Pres	sent? Yes X No
Domarka: N	a raday faaturaa aha	anyod Hayyay	or budrio soila ara	accumac	l horo oo ni	roblomatio	due te etropa in	ndicators of hydrophytic vegetation and
								e to limited saturation depth, saline
	r other factors, which					ok Hydric 3	on malcators au	e to iiriited saturation deptil, saiirie
, -		· · · · · · · · · · · · · · · · · · ·						
HYDROLOG	2V							
							0	
_	drology Indicators							ondary Indicators (2 or more required)
	icators (minimum of	one required; o	check all that apply	/)			v	Vater Marks (B1) (Riverine)
X Surface	: Water (A1)		Salt Crust	(B11)			s	Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		X Biotic Cru	st (B12)				Orift Deposits (B3) (Riverine)
X Saturat	ion (A3)		Aquatic In	vertebrat	es (B13)			Orainage Patterns (B10)
Water N	Marks (B1) (Nonrive i	ine)	Hydrogen	Sulfide C	odor (C1)			Dry-Season Water Table (C2)
	ent Deposits (B2) (No		· ·		eres along	l ivina Roc		Thin Muck Surface (C7)
	posits (B3) (Nonrive	-		•	ed Iron (C4	•	` ' —	Crayfish Burrows (C8)
		·····c)			,	,		
	Soil Cracks (B6)	(57)			tion in Tilled	a Solis (Co		Saturation Visible on Aerial Imagery (C9)
	ion Visible on Aerial	imagery (B7)	Thin Muck					Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	plain in R	emarks)		F	FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat	er Present?	es X No	Depth (inch	nes):	1			
Water Table		es X No			0	_		
Saturation P		es X No			0	— Motla	nd Hydrology F	Present? Vos Y No
(includes cap		es IN	Deptil (Ilici	ies)	0	— Wella	ilia riyarology r	Present? Yes X No
	orded Data (stream	nauge monitor	ring well aerial ph	otos prev	ioue inena	ctione) if s	available:	
Describe Nec	orded Data (Stream)	gauge, monitor	illig Well, aeriai pri	otos, prev	ious irispe	5110113 <i>)</i> , 11 6	avallable.	
Remarks: Si	ırface water was nres	ent at the time	of the delineation	1 25 11/2	as surface	soil cracks	s and hiotic cruet	t, all indicating that the area supports
wetland hydro	•	on at the tille	on the demileation	i, as WEII i	as suriale	oon oracks	and blotte crust	i, an maloating that the area supports

Project/Site: Southwest Village Specif	ic Plan Project		City/Coun	ty: <u>San Dieg</u>	0	Sampling	Date: 3/3/20)20
Applicant/Owner: Pardee Homes					State: CA	Sampling	Point: <u>255</u>	
Investigator(s): Beth Procsal, Gerry So	cheid		Section,	Township, F	Range: Section 31, T18S	R01W		
Landform (hillslope, terrace, etc.): mes	sa top		Local rel	ief (concave	, convex, none): concave	!	_Slope (%):	0-2
Subregion (LRR): <u>C - Mediterranean (</u>	California	Lat:	32.550404783	36	Long: -117.019985252	<u>:</u>	Datum: NAD	83
Soil Map Unit Name: Huerhuero loam	1, 2 to 9 percent	slopes			NWI classificat	ion: None		
Are climatic / hydrologic conditions on	the site typical fo	or this time o	f year? Yes	X No	o(If no, explain i	n Remarks.)		
Are Vegetation X, Soil	, or Hydrology	signif	icantly disturb	ed?	Are "Normal Circumstand	es" present?	Yes X	No
Are Vegetation, Soil	or Hydrology	natur	ally problemat	ic?	(If needed, explain any ar	nswers in Re	marks.)	
SUMMARY OF FINDINGS – Atta					e transacte importa	at foaturos	oto	
SOMMANT OF FINDINGS - Alla	cii site iliap si	ilowing sa	inpling poil	it iocation:	s, transects, importar	it leatures	, etc.	
Hydrophytic Vegetation Present?	Yes X	No		a Campled	A			
Hydric Soil Present?	Yes	_NoX		ne Sampled nin a Wetlan	YAC	No	X	
Wetland Hydrology Present?	Yes X	No						
Remarks: Vegetation is not strongly	hvdrophytic and	no hvdric so	ils were obser	ved. Sample	ed area is not a wetland.			
	, , ,	•		•				
VEGETATION - Use scientific n	ames of plants	s.						
<u>Tree Stratum</u> (Plot size:	,	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work			
1. None	/	70 COVE	оречез:	Otatus	Number of Dominant S That Are OBL, FACW,		1	(A)
2.					Total Number of Domin			(^)
3.		·			Species Across All Stra		2	(B)
4.					Percent of Dominant S	•		
			= Total Cove	er	That Are OBL, FACW,	or FAC:	50	(A/B)
Sapling/Shrub Stratum (Plot size:)							
1. None					Prevalence Index wo	rksheet:		
2					Total % Cover of:		Multiply by:	
3					OBL species 0) x 1	=0	_
4					FACW species1	0 x 2	=20	_
5					FAC species			_
			= Total Cove	er	FACU species 5			_
Herb Stratum (Plot size:)	_	.,	5.0	UPL species (— (D)
1. Deinandra fasciculata		5	Yes	FACU	Column Totals:1	5 (A)	40	(B)
2. Spergularia bocconi		10	Yes	FACW	Prevalence Ind	ex = B/A =	2.7	_
3.					Livelya why tie Ma watati			
4 5.					Hydrophytic Vegetati		18:	
6					Dominance Test X Prevalence Inde			
7					Morphological A		(Provido supr	ortina
8.					data in Rema			
<u> </u>		15	= Total Cov	er	Problematic Hyd		•	•
Woody Vine Stratum (Plot size:)			.	Troblematic riye	Topriyue veg	jotation (Exp	Jiaii i j
1. None					¹ Indicators of hydric s	oil and wetla	and hydrology	must
2.					be present, unless dis			
		0	= Total Cove	er	Hydrophytic			
					Vegetation			
% Bare Ground in Herb Stratum	85 % Co	over of Biotic	Crust	0	Present?	/esX	No	
Remarks: No ACOE vernal pool plan	t indicator specie	es were pres	ent within the	basin.				

Profile Desc	ription: (Describe	to the depth nee	ded to docum	ent the ind	icator or o	confirm	the absenc	e of indi	cators.)			
Depth	Matrix			edox Featur								
(inches)	Color (moist)	% C	Color (moist)	%	Type ¹	Loc ²	_ Textu	ire		Remark	(S	
0-8	10YR 3/3	100					loamy sa	ind n	o redox			
							_					
	-											
							_					
							_					
1Type: C=Co	 ncentration, D=Depletion	n RM=Reduced M	atrix CS=Covere	d or Coated S	Sand Grains		 ² Location: PL:	=Pore I ini	na RC=R	oot Channel	M=Matrix	
	Indicators: (Applic									atic Hydric		
Histoso				Redox (S5)	,			m Muck		-		
	pipedon (A2)			d Matrix (S6)			m Muck				
_	istic (A3)			Mucky Mine				duced Ve				
Hydroge	en Sulfide (A4)		Loamy	Gleyed Mat	rix (F2)		Re	d Parent	Material	(TF2)		
	d Layers (A5) (LRR	C)		d Matrix (F3	,		Oth	ner (Expl	ain in Re	marks)		
_	uck (A9) (LRR D)	(4.44)		Dark Surfac	` '							
I — ·	d Below Dark Surface	ce (A11)		d Dark Surf			31		. نام دها مد مدام			
	ark Surface (A12) Mucky Mineral (S1)			Depressions Pools (F9)	s (F8)					vegetation ust be prese		
	Gleyed Matrix (S4)		veillai i	-0015 (1-9)				-		roblematic.	111,	
	Layer (if present):											
_	ovel refusal											
Depth (inc	nes): 8						Hydric Soi	Present	[? Y	es	No_	<u>X</u>
Remarks: n	o redox observed											
HYDROLOG	SY											
Wetland Hy	drology Indicators	s:						Seconda	ary Indic	ators (2 or	more red	quired)
Primary Ind	icators (minimum of	one required; che	eck all that app	y)				Wate	er Marks	(B1) (Riveri	ne)	
Surface	Water (A1)		Salt Crus	st (B11)				— Sedi	ment De	posits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cr				•			(B3) (River		•
Saturat	ion (A3)		Aquatic I	nvertebrate	s (B13)		•			terns (B10)	,	
ı 	Marks (B1) (Nonrive	erine)	Hydroge	n Sulfide Od	dor (C1)		•	Dry-	Season \	Nater Table	(C2)	
Sedime	ent Deposits (B2) (No	onriverine)	Oxidized	Rhizosphe	res along l	_iving Ro	oots (C3)	Thin	Muck Su	ırface (C7)		
Drift De	posits (B3) (Nonrive	erine)	Presence	of Reduce	d Iron (C4)		Cray	fish Burr	ows (C8)		
X Surface	Soil Cracks (B6)		Recent I	on Reduction	on in Tilled	Soils (C	(6)	Satu	ration Vi	sible on Aeri	al Image	ry (C9)
Inundat	ion Visible on Aerial	Imagery (B7)	Thin Mud	k Surface (C7)			Shal	low Aqui	tard (D3)		
Water-9	Stained Leaves (B9)		Other (E	kplain in Re	marks)			FAC	-Neutral	Test (D5)		
Field Obser	vations:											
Surface Wat		Yes No	X Depth (inc	hes):								
Water Table	Present?	Yes No	X Depth (inc	hes):		_						
Saturation P		Yes No					and Hydrol	ogy Pres	sent?	Yes X	No _	
(includes ca				· .								
Describe Rec	orded Data (stream	gauge, monitorin	ig well, aerial pl	notos, previ	ous inspec	tions), if	available:					
Remarks: Alt	hough no surface w	ater was present	at the time of the	ne delineatio	on, eviden	ce of sur	face soil cra	cks indic	ate that t	he area sup	ports we	tland
	ater table level and									·		=

Project/Site: Southwest Village Specific Plan Project		City/Cou	nty: San Dieg	o Sampling Date: 3/3/2020
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 256
Investigator(s): Beth Procsal and JR Sundberg		Section	, Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top				, convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55822727	'54	Long: -117.031184385 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical fo		year? Yes	X No	O (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No
Are Vegetation , Soil , or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X	_ le f	he Sampled	Aroa
Hydric Soil Present? Yes			hin a Wetlan	YAS NO X
Wetland Hydrology Present? Yes X	No	_		
does not meet the wetland criteria. VEGETATION – Use scientific names of plants				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. None	70 00101	Ореою.	<u> </u>	Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
2.				Total Number of Dominant
3				Percent of Dominant Species 4 (B)
4		= Total Cov		That Are OBL, FACW, or FAC:
Sapling/Shrub Stratum (Plot size:)		- Total Cov	CI	
1. None				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species 0 x 1 = 0
4.				FACW species 2 x 2 = 4
5.				FAC species 0 x 3 = 0
	0	= Total Cov	er	FACU species1 x 4 =4
Herb Stratum (Plot size:)				UPL species1 x 5 =5
Plantago elongata	1	Yes	FACW	Column Totals:4 (A)13 (B)
2. Deinandra fasciculata	1	Yes	FACU	Prevalence Index = B/A = 3.25
3. Glebionis coronaria		Yes	UPL	
4. Spergularia bocconi	1	Yes	FACW_	Hydrophytic Vegetation Indicators:
5. 6.				Dominance Test is >50%
7				Prevalence Index is ≤3.01
8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
J	4	= Total Co	ver	X Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				Troboniation yarophytic vegetation (Explain)
1. None				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
	0	= Total Cov	er	Hydrophytic
% Bare Ground in Herb Stratum 96 % Co	over of Biotic	Crust	0	Vegetation Present? Yes X No
Remarks: Sample area is a vernal pool that receives ru	unoff from a	relatively sm	all local micro	u-watershed. Sampled during the growing season, but
				vernal pool plant indicator species (Plantago elongata).

SOIL Sampling Point: <u>256</u>

Profile Desc	cription: (Describe	to the depth nee				confirm t	he absence	of indicator	s.)	
Depth	Matrix			Redox Featu						
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textur	<u>e</u>	Remark	(S
				_			_			
							-			
	-			-						
				-						
				_			_			
				_						
¹ Type: C=Co	ncentration, D=Deplet	ion, RM=Reduced M	atrix, CS=Cover	ed or Coated	Sand Grains	s. ²	Location: PL=	Pore Lining, RO	C=Root Channel, I	M=Matrix.
Hydric Soil	Indicators: (Appl	icable to all LRRs	s, unless othe	rwise note	d.)		Indicato	rs for Proble	ematic Hydric	Soils³:
Histoso	l (A1)		Sandy	Redox (S5))		1 cm	n Muck (A9) (LRR C)	
Histic E	pipedon (A2)		Strippe	ed Matrix (S	6)		2 cm	n Muck (A10)	(LRR B)	
Black H	listic (A3)		Loamy	Mucky Min	eral (F1)		Red	uced Vertic (I	F18)	
	en Sulfide (A4)			Gleyed Ma				Parent Mate	` '	
	d Layers (A5) (LRF	R C)		ed Matrix (F	•		Othe	er (Explain in	Remarks)	
	uck (A9) (LRR D)			Dark Surfa	` '					
I — '	ed Below Dark Surfa	ace (A11)		ed Dark Sui			21 11 4			
	ark Surface (A12)			Depression	is (F8)				ytic vegetation	
	Mucky Mineral (S1) Gleyed Matrix (S4)		vernai	Pools (F9)					 must be prese problematic. 	nı,
sandy t	Sieyed Mairix (54)						uriles	ss disturbed t	л рговіетнацс.	
Restrictive	Layer (if present):									
Type:										
Depth (inc	ches):						Hydric Soil	Present?	Yes	NoX
	d hydric soils are no	ot considered to be	e present.							
HYDROLOG										
1	ydrology Indicator						<u>s</u>			more required)
	icators (minimum c	f one required; ch						_	rks (B1) (Riveri	*
	e Water (A1)			ıst (B11)			_		Deposits (B2) (•
<u> </u>	ater Table (A2)			rust (B12)			_		sits (B3) (River	ine)
Saturat	ion (A3)		Aquatic	Invertebrate	es (B13)		_	_	Patterns (B10)	
	Marks (B1) (Nonriv		Hydroge	en Sulfide C	dor (C1)		_	Dry-Seaso	on Water Table	(C2)
	ent Deposits (B2) (N		Oxidized	d Rhizosphe	eres along l	Living Ro	ots (C3)	Thin Muck	Surface (C7)	
Drift De	eposits (B3) (Nonri	verine)	Presend	e of Reduc	ed Iron (C4	·)	_		Burrows (C8)	
X Surface	e Soil Cracks (B6)		Recent	Iron Reduct	ion in Tilled	d Soils (Co	6) _	Saturation	ı Visible on Aeri	al Imagery (C9)
Inundat	tion Visible on Aeria	al Imagery (B7)	Thin Mu	ck Surface	(C7)		_	Shallow A	quitard (D3)	
Water-S	Stained Leaves (B9))	Other (E	Explain in R	emarks)		_	FAC-Neut	ral Test (D5)	
Field Obser	vations:									
Surface Wat		Yes No	X Depth (in	ches):						
Water Table	Present?	Yes No				_				
Saturation P	resent?	Yes No					and Hydrolo	gy Present?	Yes X	No
	pillary fringe)		' `	, <u> </u>			, ,	3,		
Describe Rec	orded Data (stream	n gauge, monitorir	ıg well, aerial p	hotos, prev	ious inspec	ctions), if	available:			
	though no surface v ater table level and	•				ce of surf	ace soil crac	ks indicate th	at the area sup	ports wetland

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	o Sampling Date: 3/3/2020
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 257
Investigator(s): Beth Procsal and JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55791877	01	Long: -117.03276405 Datum: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 30 to 50	percent slop	oes		NWI classification: None
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ped?	Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology	natura	ally problema	tic?	(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sar	mpling poi	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X	le ti	he Sampled	Aroa
Hydric Soil Present? Yes			hin a Wetlan	YAS NA X
Wetland Hydrology Present? Yes X	_No	_		
does not meet the wetland criteria. VEGETATION – Use scientific names of plants		B : 1		
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. None				Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
2				Total Number of Dominant
4.				Percent of Dominant Species 6 (B)
T		= Total Cove	er	That Are OBL, FACW, or FAC:(A/B)
Sapling/Shrub Stratum (Plot size:)		Total Gov	OI.	
1. Baccharis salicifolia	1	No	FAC	Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3				OBL species1 x 1 =1
4				FACW species1 x 2 =2
5				FAC species 0 x 3 = 0
Harle Christians (Diet sine)	1	= Total Cove	er	FACU species 3 x 4 = 12 UPL species 1 x 5 = 5
Herb Stratum (Plot size:) 1. Matricaria discoidea	1	Yes	FACU	UPL species1 x 5 = 5 (B) Column Totals: 6 (A) 20 (B)
2. Glebionis coronaria	<u>'</u>	Yes	UPL	Column Totals. (A) 20 (B)
3. Medicago polymorpha	1	Yes	FACU	Prevalence Index = B/A = 3.3
4. Plantago elongata	1	Yes	FACW	Hydrophytic Vegetation Indicators:
5. Crassula aquatica	1	Yes	OBL	Dominance Test is >50%
6. Festuca myuros	1	Yes	FACU	Prevalence Index is ≤3.0¹
7				Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
J 0.	6	= Total Cov	/er	Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)		- 10tai 00	VOI	Problematic Hydrophytic vegetation (Explain)
1. None				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
	0	= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 94 % Co	ver of Biotic	Crust	0	Vegetation Present? Yes No X
Remarks: Sample area is a vernal pool that receives ru	ınoff from a ı	relatively sma	all local micro	 -watershed. While the sample area does not support a
predominance of hydrophytic vegetation, it does support				

SOIL Sampling Point: <u>257</u>

Profile Desc	cription: (Describe	to the depth nee	ded to docur	nent the inc	dicator or	confirm t	the absence	e of indicato	ors.)	
Depth	Matrix	·		Redox Featu					_	
(inches)	Color (moist)	%C	olor (moist)	%	Type ¹	Loc ²	Textu	<u>re</u>	Rema	rks
				-						
							_			
							-			
¹ Type: C=Co	ncentration, D=Deplet	ion, RM=Reduced Ma	atrix, CS=Cover	ed or Coated	Sand Grains	S. 2	Location: PL=	Pore Lining, F	RC=Root Channel	, M=Matrix.
	I Indicators: (Appl	·	-						lematic Hydric	
Histoso				Redox (S5)				m Muck (A9)	•	
	pipedon (A2)			ed Matrix (S				m Muck (A3)	• •	
	listic (A3)			Mucky Min				duced Vertic		
	en Sulfide (A4)			Gleyed Ma				d Parent Mat	` '	
	ed Layers (A5) (LRF	s C/		ed Matrix (F				ier (Explain i	` ,	
	uck (A9) (LRR D)	(0)		Dark Surfa	•			ici (Explaiii i	ir Romano)	
	ed Below Dark Surfa	ace (A11)		ed Dark Sui	` '					
	Park Surface (A12)	400 (7111)		Depression	` '		3Indicate	ors of hydror	ohytic vegetatio	n and
	Mucky Mineral (S1)			Pools (F9)	(. 0)				gy must be pres	
	Gleyed Matrix (S4)			1 00.0 (1 0)					or problematic	
I _	Layer (if present):									
Type:										
Depth (inc	ches):						Hydric Soi	I Present?	Yes	NoX
Remarks: T	he sampled area s	upports a predomi	nance of uplar	nd vegetatio	n and does	s not mee	t the hydrop	hytic vegeta	tion standard to	be considered a
	erefore, no soil pit v									
HYDROLOG										
1	ydrology Indicator									r more required)
Primary Ind	licators (minimum c	of one required; che	eck all that app	oly)				Water M	arks (B1) (Rive	rine)
Surface	e Water (A1)		Salt Cru	ıst (B11)			_	Sedimer	nt Deposits (B2)	(Riverine)
High W	/ater Table (A2)		Biotic C	rust (B12)			_	Drift Dep	osits (B3) (Rive	erine)
Saturat	tion (A3)		Aquatic	Invertebrate	es (B13)		_	Drainage	e Patterns (B10)
Water I	Marks (B1) (Nonriv	erine)	Hydroge	en Sulfide C	dor (C1)			Dry-Sea	son Water Tabl	e (C2)
Sedime	ent Deposits (B2) (N	lonriverine)	Oxidize	d Rhizosphe	eres along	Living Ro	ots (C3)	Thin Mu	ck Surface (C7)	
	eposits (B3) (Nonri			e of Reduc	Ū	•	`		Burrows (C8)	
	e Soil Cracks (B6)	,		Iron Reduct	`	,	6)			rial Imagery (C9)
l —	tion Visible on Aeria	al Imagery (B7)		ck Surface		(-	-		Aquitard (D3)	3 7 (7
l —	Stained Leaves (B9			Explain in R			-		utral Test (D5)	
vvalci-	Ctairied Leaves (Be	·')			cinario)		-			
Field Obser										
Surface Wat	ter Present?		X Depth (in			_				
Water Table	Present?	Yes No_				_				
Saturation F		Yes No_	X Depth (in	ches):		Wetla	and Hydrol	ogy Present	? Yes X	No
-	pillary fringe)									
Describe Red	corded Data (stream	n gauge, monitorin	g well, aerial p	hotos, prev	ious inspec	ctions), if a	available:			
Remarks: Al	though no surface v	water was present	at the time of	the delinest	ion eviden	ce of surf	face soil cra	cks indicate	that the area si	innorts wetland
	ater table level and	•				oo or sull	1400 3011 01 a	ons indicate	and the area st	ipporto wetianu
, -9,		1151		,	3.					

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	o Sampling Date: 3/3/2020				
plicant/Owner: Pardee Homes State: CA Sampling Point: 258								
Investigator(s): A. Smisek and K. Chappaz		Section,	Township, R	Range: Section 31, T18S R01W				
Landform (hillslope, terrace, etc.): mesa top				, convex, none): concave Slope (%): 0-2				
Subregion (LRR): C - Mediterranean California	Lat: (Long: -117.032992406 Datum: NAD83				
Soil Map Unit Name: Olivenhain cobbly loam, 30 to 50				NWI classification: None				
Are climatic / hydrologic conditions on the site typical for				o (If no, explain in Remarks.)				
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No				
Are Vegetation , Soil , or Hydrology				(If needed, explain any answers in Remarks.)				
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important features, etc.				
Hydrophytic Vegetation Present? Yes	No X	_	Camanda d	A				
Hydric Soil Present? Yes			ne Sampled nin a Wetlan	YAS NO X				
Wetland Hydrology Present? Yes X	No	_ """	iii a rrodaii	.				
does not meet the wetland criteria. VEGETATION – Use scientific names of plants	i.			es. This feature was sampled during the growing season and				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:				
1. none				Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)				
2.				Total Number of Dominant				
3				Percent of Dominant Species (B)				
4		= Total Cove		That Are OBL, FACW, or FAC: (A/B)				
Sapling/Shrub Stratum (Plot size:)		- Total Cove	51					
1. none				Prevalence Index worksheet:				
2.				Total % Cover of: Multiply by:				
3.				OBL species x 1 =				
4.				FACW species6 x 2 =12				
5.				FAC species x 3 =				
		= Total Cove	er	FACU species1 x 4 =4				
Herb Stratum (Plot size:)				UPL species19 x 5 =95				
1. Spergularia bocconi	1	N	FACW	Column Totals:26 (A)111(B)				
2. Bromus madritensis	1	N	UPL	Prevalence Index = B/A = 4.27				
3. Matricaria discoidea	1	N	FACU					
4. Glebionis coronaria	15	Y	UPL	Hydrophytic Vegetation Indicators:				
5. Amblyopappus pusillus	5	Y	FACW	Dominance Test is >50%				
6. Schismus barbatus	3	N	UPL	Prevalence Index is ≤3.0¹				
7. 8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)				
0	26	= Total Cov		Problematic Hydrophytic Vegetation¹ (Explain)				
Woody Vine Stratum (Plot size:)		- Total Cov	CI	Problematic Hydrophytic Vegetation (Explain)				
1. none				¹ Indicators of hydric soil and wetland hydrology must				
2.				be present, unless disturbed or problematic.				
		= Total Cove	er	Hydrophytic				
% Bare Ground in Herb Stratum 74 % Co	ver of Biotic			Vegetation Present? Yes No X				
			all local micro	-watershed. No ACOE vernal pool plant indicator species				
were present within the basin.	ion nom a i	i Siddivoly Sille	IOOGI IIIIOIO	national individue voirial pool plant individual apedies				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Features			
(inches)	Color (moist)	%	Color (moist)	%Type ¹	Loc ²	Texture	Remarks
							_
1 _{Typo: C=Cop}	 centration, D=Depletion	- DM-Poduce	ad Matrix, CS=Covered	Lor Coated Sand Grain	21 000	tion: DI -Doro I ining	RC=Root Channel, M=Matrix.
	Indicators: (Applica						blematic Hydric Soils ³ :
		able to all L			'		•
Histosol	` '			edox (S5) Matrix (S6)	-	1 cm Muck (A9	
Black Hi	oipedon (A2)			` '	-	2 cm Muck (A1	
	en Sulfide (A4)			Mucky Mineral (F1) Gleyed Matrix (F2)	-	Reduced Verti Red Parent Ma	
	d Layers (A5) (LRR C	•)		Matrix (F3)	_	Other (Explain	
	ick (A9) (LRR D)	•)		ark Surface (F6)	-	Other (Explain	iii Kemarks)
	d Below Dark Surface	e (A11)		Dark Surface (F7)			
	ark Surface (A12)	5 (7111)		epressions (F8)	3	Indicators of hydro	ophytic vegetation and
	fucky Mineral (S1)			ools (F9)		•	ogy must be present,
	Gleyed Matrix (S4)			()		-	ed or problematic.
							<u>'</u>
_	ayer (if present):						
Type:							
Depth (inch	nes):				Hyd	dric Soil Present?	Yes NoX
Remarks: Th	ne sampled area sup	ports a pred	lominance of upland	vegetation and doe	s not meet the	hydrophytic veget	ation standard to be considered a
HYDROLOG							
-	drology Indicators:					<u>Secondary</u>	Indicators (2 or more required)
Primary Indi	cators (minimum of o	ne required	; check all that apply	/)		Water N	Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crust	t (B11)		Sedime	ent Deposits (B2) (Riverine)
High Wa	ater Table (A2)		Biotic Cru	st (B12)		Drift De	eposits (B3) (Riverine)
Saturation	on (A3)		X Aquatic Ir	vertebrates (B13)		 Drainaç	ge Patterns (B10)
Water M	larks (B1) (Nonriver i	ine)	Hydrogen	Sulfide Odor (C1)			ason Water Table (C2)
	nt Deposits (B2) (No			Rhizospheres along	Livina Roots (uck Surface (C7)
	oosits (B3) (Nonrive	•		of Reduced Iron (C	•	<i>'</i> —	h Burrows (C8)
	Soil Cracks (B6)	,	Recent In	on Reduction in Tille	d Soils (C6)		ion Visible on Aerial Imagery (C9)
	on Visible on Aerial I	magery (B7		k Surface (C7)	()		v Aquitard (D3)
	tained Leaves (B9)	9, (plain in Remarks)			eutral Test (D5)
				p.a)			
Field Observ							
Surface Water			No X Depth (incl	· —			
Water Table	Present? Y	es	No Depth (incl	nes):			
Saturation Pr		es	No Depth (incl	nes):	Wetland	Hydrology Preser	nt? Yes <u>X</u> No
(includes cap							
Describe Reco	orded Data (stream g	gauge, moni	toring well, aerial ph	otos, previous inspe	ctions), if avail	able:	
Damarka, Alth	acuah na aurfaca wa	tor was pro	ant at the time of th	a dalinaatian tha na	al did ratain w	estar aver the rainv	access and fair, abrims armen
							season and fairy shrimp surveys
WOLL COLINGIC	ad within this nool Th	nerefore evi	idence of surface so	il cracks and the nre	seence or Son		
	•			•		Diego iairy sriiirip	indicate that the area supports
	ed within this pool. The logy. Water table lev			•		Diego lally stillinp	indicate that the area supports
	•			•		Diego iairy siiriirip	indicate that the area supports

Project/Site: Southwest Village Specific Plan Project		City/Count	y:San Diego	O	Sam	pling Date:2/	27/2020
Applicant/Owner: Pardee Homes				State:CA		— pling Point: ₂₅	
Investigator(s): Beth Procsal and Raquel Atik		Section, T	ownship, Rai	nge:Section 31, T	—— 18S R01W		
Landform (hillslope, terrace, etc.): mesa top				convex, none):con			oe (%):0-2
Subregion (LRR):C - Mediterranean California	Lat:32.5	55198831		Long:-117.0183		 Datun	n:NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slo	_				assification:		
Are climatic / hydrologic conditions on the site typical for this	•	ar? Yes	No C		-		
		disturbed?		Normal Circumstar		· _	No 🔘
		oblematic?		eded, explain any a	•	_)
SUMMARY OF FINDINGS - Attach site map si						•	itures. etc.
_			.g p				
Hydrophytic Vegetation Present? Yes No Hydric Soil Present? Yes No		le f	he Sampled	Area			
			hin a Wetlar			No 📵	
Remarks: The majority of the vegetation on the site ha		I			_	~	area, in
general, has been altered due to off-road act	ivity. Th	e vegetat	ion and hyd	lrology of the sea	sonal depr	essions/veri	nal pools are
problematic due to the seasonality of their p	resence	with hydr	ology restri	cted to the winter	r and veget	tation to the	late winter
and early spring months each year.							8
VEGETATION							
	Absolute		Indicator	Dominance Test			
	% Cover	Species?	_Status_	Number of Domir That Are OBL, FA			(Δ)
1. None 2.				That Are OBL, FA	ICVV, OI FAC	J: 2	(A)
3.				Total Number of I Species Across A		2	(B)
4.				Species Across A	JII Otrata.	2	(6)
Total Cover:	%			Percent of Domin That Are OBL, FA			0 % (A/B)
Sapling/Shrub Stratum						100.	.0 /8 (/ 0.5)
1. <u>None</u>				Prevalence Inde			
2				Total % Cove	er of:	Multiply	by:
3.				OBL species FACW species	1	x 1 =	104
4				FAC species	52	x 2 = x 3 =	104
5Total Cover:	%		-	FACU species	21	x 4 =	63
Herb Stratum	/0			UPL species	1	x 5 =	5
1.Psilocarphus brevissimus	10	No	FACW	Column Totals:	75	(A)	173 (B)
2. Spergularia bocconi	10	No	FACW		, •		175 (-7
3. Rumex crispus	1	No	FAC	Prevalence			2.31
4. Plagiobothrys acanthocarpus	1	No	OBL	Hydrophytic Veg	-		
5. Glebionis coronaria	1	No	UPL	➤ Dominance 1			
6. Juncus bufonius	2	No	FACW	X Prevalence I			e
7-Festuca perennis	20	Yes	FAC	Morphologica data in Re	al Adaptation emarks or or	ns" (Provide s n a separate s	supporting sheet)
8. Hordeum depressum	30	Yes	FACW	Problematic		•	•
Total Cover: Woody Vine Stratum	75 %						
1.None				¹ Indicators of hyd	Iric soil and	wetland hyd	irology must
2.			-	be present.			
Total Cover:	%			Hydrophytic			
% Bare Ground in Herb Stratum 25 % % Cover	of Biotic C	Crust	%	Vegetation Present?	Yes 📵	No (
							the avenue of
Remarks: Sample area is a vernal pool that receives pool consisting predominately of hydrophy							
(Psilocarphus brevissimus and Plagiobothi				it two vernar poo.	Piant mai	cator specie	<i>7</i> .0
, i		r)					

Depth	Matrix			x Features		_ ^	_
(inches)	Color (moist)	%	Color (moist)	%Type ¹	_Loc ² _	Texture ³	Remarks
	-						
	-	· — — —					-
							-
							-
T 0-0			Darler and Matrice	21 11		. D t Ob	NA NA NA
	Concentration, D=Dep			² Location: PL=Pore			
					i, Clay Loar		m, Silt Loam, Silt, Loamy Sand, Sai
	Indicators: (Applicabl	le to all LRRs					Problematic Hydric Soils⁴:
Histoso			Sandy Redo	` '			ck (A9) (LRR C)
	pipedon (A2)		Stripped M	, ,			ck (A10) (LRR B)
	listic (A3)			cky Mineral (F1)			Vertic (F18)
	en Sulfide (A4)	-,		yed Matrix (F2)			nt Material (TF2)
	ed Layers (A5) (LRR 0	(د	Depleted M	` ,		X Other (Ex	plain in Remarks)
	luck (A9) (LRR D)	- (011)		k Surface (F6)			
	ed Below Dark Surface	e (ATT)		Park Surface (F7)			
	Park Surface (A12)			ressions (F8)		4Indicators of	hudranhutia vagatatian and
	Mucky Mineral (S1)		Vernal Poo	is (F9)			hydrophytic vegetation and
	Gleyed Matrix (S4)					welland ny	drology must be present.
	Layer (if present):						
Type:							
Depth (ir	nches):					I I I I I I I I I I I I I I I I I I I	esent? Yes No No
						Hydric Soil Pr	esent? Yes O No O
Remarks: [Iuerhuero loam soi	l series is o	n the Hydric So	ils of San Diego C	County list	1 -	the Natural Resource
						obtained from	9
C	Conservation Servic	e (NRCS; 2	2020). No soil p	it was dug due to	the sampl	obtained from e point being a	the Natural Resource potential vernal pool and may
S	Conservation Servic	e (NRCS; 2 shrimp sp	2020). No soil p	it was dug due to	the sampl	obtained from e point being a	the Natural Resource potential vernal pool and may
(s a	Conservation Servic upport a listed fairy nd wetland hydrold	e (NRCS; 2 shrimp sp	2020). No soil p	it was dug due to	the sampl	obtained from e point being a	the Natural Resource potential vernal pool and may
S A YDROLO	Conservation Servic upport a listed fairy nd wetland hydrold DGY	e (NRCS; 2 shrimp sp	2020). No soil p	it was dug due to	the sampl	e obtained from e point being a ent due to the p	the Natural Resource potential vernal pool and may presence of hydrophytic vegetat
S a YDROLO Vetland Hy	Conservation Servic upport a listed fairy nd wetland hydrolo DGY drology Indicators:	ee (NRCS; 2 / shrimp spengy	2020). No soil p ecies. Hydric so	it was dug due to	the sampl	cobtained from e point being a ent due to the p	the Natural Resource potential vernal pool and may presence of hydrophytic vegetat ry Indicators (2 or more required)
s YDROLO Vetland Hy Primary Ind	Conservation Service upport a listed fairy and wetland hydrolo OGY adrology Indicators: icators (any one indicators)	ee (NRCS; 2 / shrimp spengy	2020). No soil p ecies. Hydric so ent)	it was dug due to ils were assumed	the sampl	sobtained from e point being a ent due to the p	the Natural Resource potential vernal pool and may presence of hydrophytic vegetat ry Indicators (2 or more required) er Marks (B1) (Riverine)
S AYDROLO Vetland Hy Primary Ind	Conservation Service upport a listed fairy and wetland hydrolo OGY adrology Indicators: icators (any one indicators) we Water (A1)	ee (NRCS; 2 / shrimp spengy	2020). No soil pecies. Hydric so	it was dug due to ils were assumed	the sampl	Seconda Seconda Seconda	the Natural Resource potential vernal pool and may presence of hydrophytic vegetat ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine)
S AYDROLO Vetland Hy Primary Ind Surface High W	Conservation Service upport a listed fairy and wetland hydrolo OGY /drology Indicators: icators (any one indicators) water (A1) /dref Table (A2)	ee (NRCS; 2 / shrimp spengy	ent) Salt Crust	it was dug due to ils were assumed (B11) st (B12)	the sampl	Seconda Sedi Sedi Drift	the Natural Resource potential vernal pool and may presence of hydrophytic vegetat ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine)
S AYDROLO Vetland Hy Primary Ind Surface High W	Conservation Service upport a listed fairy and wetland hydrolo OGY adrology Indicators: icators (any one indicators) we Water (A1)	ee (NRCS; 2 / shrimp spengy	ent) Salt Crust Biotic Cru Aquatic In	it was dug due to ils were assumed (B11) st (B12) evertebrates (B13)	the sampl	Seconda Seconda Seconda Drift Drai	the Natural Resource potential vernal pool and may presence of hydrophytic vegetal ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) nage Patterns (B10)
YDROLO Vetland Hy rimary Ind Surface High W Saturat	Conservation Service upport a listed fairy and wetland hydrolo OGY /drology Indicators: icators (any one indicators) water (A1) /dref Table (A2)	ee (NRCS; 2 shrimp spengy ator is sufficient	ent) Salt Crust Biotic Cru Aquatic In	it was dug due to ils were assumed (B11) st (B12)	the sampl	Seconda Seconda Seconda Drift Drai	the Natural Resource potential vernal pool and may presence of hydrophytic vegetat ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine)
YDROLO Vetland Hy rimary Ind Surface High W Saturat Water I	Conservation Service upport a listed fairy and wetland hydrology of the listed fairy o	ee (NRCS; 2 / shrimp spendy ator is sufficient	ent) Salt Crust Aquatic In Hydrogen	it was dug due to ils were assumed (B11) st (B12) evertebrates (B13)	the sampl to be pres	Seconda Seconda Seconda Drift Drai	the Natural Resource potential vernal pool and may presence of hydrophytic vegetal ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) nage Patterns (B10)
YDROLO Vetland Hy Primary Ind Surface High W Saturat Water I Sedime	Conservation Service upport a listed fairy and wetland hydrology of the licators: icators (any one indicators (A1) (ater Table (A2) ion (A3) (Nonriverial positions)	ee (NRCS; 2 / shrimp spenav ator is sufficient ine) nriverine)	ent) Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I	it was dug due to ils were assumed (B11) st (B12) evertebrates (B13) Sulfide Odor (C1)	the sampl to be pres	Seconda Seconda Seconda Drift Dry- ts (C3)	the Natural Resource potential vernal pool and may presence of hydrophytic vegetat ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) nage Patterns (B10) Season Water Table (C2)
YDROLO Vetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De	Conservation Service upport a listed fairy and wetland hydrolo OGY Idrology Indicators: icators (any one indicators) water (A1) Idrology Indicators icators (any one indicators) icators (A1) Idrology Indicators: icators (A2) Idrology Indicators: icators (A3) Idrology Indicators: icators (A3) Idrology Indicators: icators (A1) Idrology Indicators: Idrology	ee (NRCS; 2 / shrimp spenav ator is sufficient ine) nriverine)	ent) Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence	it was dug due to ils were assumed (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4	the sampl to be pres Living Roo	Seconda Seconda Seconda Drift Drai Dry- ts (C3) Case obtained from Seconda Seconda Dry- ts (C3) Cray	the Natural Resource potential vernal pool and may presence of hydrophytic vegetat ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) nage Patterns (B10) Season Water Table (C2) Muck Surface (C7) rfish Burrows (C8)
YDROLO Vetland Hy rimary Ind Surface High W Saturat Water I Sedime Drift De	Conservation Service upport a listed fairy and wetland hydrolo OGY Adrology Indicators: icators (any one indicators) water (A1) Adrer Table (A2) ion (A3) Marks (B1) (Nonriversity posits (B3) (Nonriversity es Soil Cracks (B6)	ee (NRCS; 2 / shrimp specification is sufficient.) ine) nriverine)	ent) Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Recent Ird	it was dug due to ils were assumed (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4) on Reduction in Plov	the sampl to be pres Living Roo	Seconda Seconda Seconda Drift Drai Dry- ts (C3) Satu	the Natural Resource potential vernal pool and may presence of hydrophytic vegetat ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) nage Patterns (B10) Season Water Table (C2) Muck Surface (C7) rfish Burrows (C8) rration Visible on Aerial Imagery (Car
YDROLO Vetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De	Conservation Service upport a listed fairy and wetland hydrology Indicators: icators (any one indicators (any one indicators) (and wetland hydrology Indicators) (any one indicators) (any one indicators (any one indicators) (any one indicato	ee (NRCS; 2 / shrimp specification is sufficient.) ine) nriverine)	ent) Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Recent Ird	it was dug due to ils were assumed (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4	the sampl to be pres Living Roo	Seconda Seconda Seconda Seconda Drift Drai Dry- ts (C3) Satu Shall	the Natural Resource potential vernal pool and may presence of hydrophytic vegetal ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) mage Patterns (B10) Season Water Table (C2) Muck Surface (C7) rfish Burrows (C8) rration Visible on Aerial Imagery (Cstow Aquitard (D3)
YDROLO Vetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De Surface Inundat	Conservation Service upport a listed fairy and wetland hydrology Indicators: icators (any one indicators (any one indicators) (atter Table (A2) (ion (A3)) Marks (B1) (Nonriverient Deposits (B2) (Nonriverse Soil Cracks (B6) (tion Visible on Aerial I Stained Leaves (B9)	ee (NRCS; 2 / shrimp specification is sufficient.) ine) nriverine)	ent) Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Recent Ird	it was dug due to ils were assumed (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4) on Reduction in Plov	the sampl to be pres Living Roo	Seconda Seconda Seconda Seconda Drift Drai Dry- ts (C3) Satu Shall	the Natural Resource potential vernal pool and may bresence of hydrophytic vegetat ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) nage Patterns (B10) Season Water Table (C2) Muck Surface (C7) fish Burrows (C8) rration Visible on Aerial Imagery (C3)
YDROLO Vetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De Surface Unundar Water- Water-	Conservation Service upport a listed fairy and wetland hydrold of the color of the	ee (NRCS; 2 / shrimp specially ator is sufficient ine) rriverine) magery (B7)	ent) Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Other (Ex	it was dug due to ils were assumed (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 on Reduction in Plow plain in Remarks)	the sampl to be pres Living Roo	Seconda Seconda Seconda Seconda Drift Drai Dry- ts (C3) Satu Shall	the Natural Resource potential vernal pool and may presence of hydrophytic vegetal ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) mage Patterns (B10) Season Water Table (C2) Muck Surface (C7) rfish Burrows (C8) rration Visible on Aerial Imagery (Cstow Aquitard (D3)
YDROLO Vetland Hy Primary Ind Surface High W Saturat Vater I Sedime Surface Inundat Water-t Gield Obse	Conservation Service upport a listed fairy and wetland hydrolo OGY Adrology Indicators: icators (any one indicators) water (A1) Adret Table (A2) ion (A3) Marks (B1) (Nonriversity ent Deposits (B2) (Nonriversity es Soil Cracks (B6) tion Visible on Aerial I Stained Leaves (B9) rvations: tter Present?	ee (NRCS; 2) shrimp spensor ator is sufficient ine) nriverine) magery (B7) es No	ent) Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Other (Ex	it was dug due to ils were assumed (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4) on Reduction in Plov plain in Remarks)	the sampl to be pres Living Roo	Seconda Seconda Seconda Seconda Drift Drai Dry- ts (C3) Satu Shall	the Natural Resource potential vernal pool and may presence of hydrophytic vegetal ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) mage Patterns (B10) Season Water Table (C2) Muck Surface (C7) rfish Burrows (C8) rration Visible on Aerial Imagery (Cstow Aquitard (D3)
YDROLO Vetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De Surface Unundar Water- Water-	Conservation Service upport a listed fairy and wetland hydrolo OGY Adrology Indicators: icators (any one indicators) water (A1) Adret Table (A2) ion (A3) Marks (B1) (Nonriversity ent Deposits (B2) (Nonriversity es Soil Cracks (B6) tion Visible on Aerial I Stained Leaves (B9) rvations: tter Present?	ee (NRCS; 2 / shrimp spo	ent) Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Other (Ex	it was dug due to ils were assumed (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4) on Reduction in Plov plain in Remarks)	the sampl to be pres Living Roo	Seconda Seconda Seconda Seconda Drift Drai Dry- ts (C3) Satu Shall	the Natural Resource potential vernal pool and may presence of hydrophytic vegetat ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) mage Patterns (B10) Season Water Table (C2) Muck Surface (C7) rfish Burrows (C8) rration Visible on Aerial Imagery (CS) low Aquitard (D3)
YDROLO Vetland Hy Primary Ind Surface High W Saturat Vater I Sedime Drift De Surface Inundar Water-Sield Obse Surface Water Table	Conservation Service upport a listed fairy and wetland hydrology Indicators: icators (any one indicators (any one indicators) (and water (A1) (and (A2) (A3) (A3) (A3) (A3) (A3) (A3) (A3) (A3	ee (NRCS; 2 / shrimp sponov ator is sufficient ine) nriverine) magery (B7) es	ent) Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Other (Ex	it was dug due to ils were assumed (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4) on Reduction in Plov plain in Remarks) (ches):	the sampl to be pres Living Roo 4) yed Soils (C	Seconda Seconda Seconda Seconda Drift Drai Cray C6) Satu Shal	the Natural Resource potential vernal pool and may presence of hydrophytic vegetat ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) nage Patterns (B10) Season Water Table (C2) Muck Surface (C7) rfish Burrows (C8) rration Visible on Aerial Imagery (Cs. low Aquitard (D3) -Neutral Test (D5)
YDROLO Vetland Hy Primary Ind Surface High W Saturat Vater I Sedime Surface Inundat Water-t ield Obse Surface Water Table Saturation Fincludes ca	Conservation Service upport a listed fairy and wetland hydrology Indicators: icators (any one indicators (any one indicators) (and wetland hydrology Indicators) (any one indicators (any	ee (NRCS; 2 / shrimp spongy shrimp spongy shrimp spongy shrimp spongy shrimp shrimp	ent) Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Other (Ex	it was dug due to ils were assumed (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4) on Reduction in Plov plain in Remarks) (ches):	the sampl to be pres Living Roo 4) yed Soils (C	Seconda Seconda Seconda Seconda Drift Drai Dry- ts (C3) Satu Shal FAC	the Natural Resource potential vernal pool and may presence of hydrophytic vegetat ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) nage Patterns (B10) Season Water Table (C2) Muck Surface (C7) rfish Burrows (C8) rration Visible on Aerial Imagery (Cs. low Aquitard (D3) -Neutral Test (D5)
YDROLO Vetland Hy Primary Ind Surface High W Saturat Vater I Sedime Surface Inundat Water-t ield Obse Surface Water Table Saturation Fincludes ca	Conservation Service upport a listed fairy and wetland hydrology Indicators: icators (any one indicators (any one indicators) (and wetland hydrology Indicators) (any one indicat	ee (NRCS; 2 / shrimp spongy shrimp spongy shrimp spongy shrimp spongy shrimp shrimp	ent) Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Other (Ex	it was dug due to ils were assumed (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4) on Reduction in Plov plain in Remarks) (ches):	the sampl to be pres Living Roo 4) yed Soils (C	Seconda Seconda Seconda Seconda Drift Drai Dry- ts (C3) Satu Shal FAC	the Natural Resource potential vernal pool and may presence of hydrophytic vegetat ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) nage Patterns (B10) Season Water Table (C2) Muck Surface (C7) rfish Burrows (C8) rration Visible on Aerial Imagery (Cs. low Aquitard (D3) -Neutral Test (D5)
YDROLO Vetland Hy Primary Ind Surface High W Saturat Vater I Sedime Surface Inundat Water-t ield Obse Surface Water Table Saturation Fincludes ca	Conservation Service upport a listed fairy and wetland hydrology Indicators: icators (any one indicators (any one indicators) (and wetland hydrology Indicators) (any one indicators (any	ee (NRCS; 2 / shrimp spongy shrimp spongy shrimp spongy shrimp spongy shrimp shrimp	ent) Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Other (Ex	it was dug due to ils were assumed (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4) on Reduction in Plov plain in Remarks) (ches):	the sampl to be pres Living Roo 4) yed Soils (C	Seconda Seconda Seconda Seconda Drift Drai Dry- ts (C3) Satu Shal FAC	the Natural Resource potential vernal pool and may presence of hydrophytic vegetat ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) nage Patterns (B10) Season Water Table (C2) Muck Surface (C7) rfish Burrows (C8) rration Visible on Aerial Imagery (Cs. low Aquitard (D3) -Neutral Test (D5)
YDROLO Vetland Hy Primary Ind Surface High W Saturat Water I Sedime Surface Inundar Water- Gield Obse Surface Wa Vater Table Saturation Fincludes ca	Conservation Service upport a listed fairy and wetland hydrology Indicators: icators (any one indicators (any one indicators) (atter Table (A2) (atter Table (A2) (atter Table (B2) (None attack) (B3) (Nonriverse Soil Cracks (B6) (tion Visible on Aerial I Stained Leaves (B9) (atter Present? Yellow) (atter Present? Yell	ee (NRCS; 2 / shrimp specific shrimp specific shrimp specific show) ator is sufficient shriverine) magery (B7) es	ent) ent) Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Other (Ex	it was dug due to ils were assumed (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 on Reduction in Plow plain in Remarks) (ches): (ches): (ches): (photos, previous inserted)	Living Roo 4) ved Soils (C	Seconda Seconda Seconda Seconda Seconda Seconda Drift Drai Dry- ts (C3) Satu Shal FAC	the Natural Resource potential vernal pool and may presence of hydrophytic vegetat ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) nage Patterns (B10) Season Water Table (C2) Muck Surface (C7) rfish Burrows (C8) rration Visible on Aerial Imagery (C9 low Aquitard (D3) -Neutral Test (D5)
YDROLO Vetland Hy Primary Ind Surface High W Saturat Water I Sedime Surface Inundar Water-sield Obse Surface Wa Vater Table Saturation Fincludes ca Describe Ro	Conservation Service upport a listed fairy and wetland hydrolo OGY Idrology Indicators: icators (any one indicators) water (A1) Idrology Indicators: icators (any one indicators) Idrology Indicators: icators (A2) icators (B4) (Nonriversicators) Idrology Indicators Ind	ee (NRCS; 2) shrimp spensor ator is sufficient ine) nriverine) magery (B7) es	ent) ent) Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Other (Ex	it was dug due to ils were assumed (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 on Reduction in Plov plain in Remarks) aches): aches): photos, previous inserte of the delineation	Living Roo 4) ved Soils (Compections), ion, evidential	Seconda Seconda Seconda Seconda Seconda Drift Drai Dry- ts (C3) Thin Cray Shal FAC	the Natural Resource potential vernal pool and may presence of hydrophytic vegetat ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) nage Patterns (B10) Season Water Table (C2) Muck Surface (C7) rfish Burrows (C8) rration Visible on Aerial Imagery (Cs. low Aquitard (D3) -Neutral Test (D5) resent? Yes No
YDROLO Vetland Hy Primary Ind Surface High W Saturat Vater I Sedime Surface Inundat Water- Gurface Wa Vater Table Surface Wa Vater Table Saturation Fincludes ca Describe Re	Conservation Service upport a listed fairy and wetland hydrolo OGY Adrology Indicators: icators (any one indicators) water (A1) Adret Table (A2) ion (A3) Marks (B1) (Nonriverient Deposits (B2) (Nonriverient Deposits (B3) (Nonriverient Deposits (B6) tion Visible on Aerial I Stained Leaves (B9) rvations: ter Present? Present? Present? Present?	ee (NRCS; 2 / shrimp sponsor ator is sufficient ine) nriverine) magery (B7) es	ent) Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Other (Ex	it was dug due to ils were assumed (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 on Reduction in Plov plain in Remarks) (ches): (ches): (photos, previous insertable level and sa	Living Roo 4) wed Soils (Compections), in the sample of the pressure of the pr	Seconda Seconda Seconda Seconda Seconda Drift Drai Dry- ts (C3) Thin Cray Shal FAC	the Natural Resource potential vernal pool and may presence of hydrophytic vegetar ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) nage Patterns (B10) Season Water Table (C2) Muck Surface (C7) rfish Burrows (C8) rration Visible on Aerial Imagery (Cilow Aquitard (D3) -Neutral Test (D5)
YDROLO Vetland Hy Primary Ind Surface High W Saturat Sedime Surface Inundat Water- ield Obse Surface Water Table staturation Fincludes ca Describe Re	Conservation Service upport a listed fairy and wetland hydrolo OGY Idrology Indicators: icators (any one indicators) water (A1) Idrology Indicators: icators (any one indicators) Idrology Indicators: icators (A2) icators (B4) (Nonriversicators) Idrology Indicators Ind	ee (NRCS; 2 / shrimp sponsor ator is sufficient ine) nriverine) magery (B7) es	ent) Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Other (Ex	it was dug due to ils were assumed (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 on Reduction in Plov plain in Remarks) (ches): (ches): (photos, previous insertable level and sa	Living Roo 4) wed Soils (Compections), in the sample of the pressure of the pr	Seconda Seconda Seconda Seconda Seconda Drift Drai Dry- ts (C3) Thin Cray Shal FAC	the Natural Resource potential vernal pool and may presence of hydrophytic vegetar ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) nage Patterns (B10) Season Water Table (C2) Muck Surface (C7) rfish Burrows (C8) rration Visible on Aerial Imagery (Cilow Aquitard (D3) -Neutral Test (D5)
/DROLO /etland Hy rimary Ind Surface High W Saturat Sedime Surface Inundat Surface Inundat Atter Table atturation Fedicudes calescribe References Emarks: A	Conservation Service upport a listed fairy and wetland hydrolo OGY Adrology Indicators: icators (any one indicators) water (A1) Adret Table (A2) ion (A3) Marks (B1) (Nonriverient Deposits (B2) (Nonriverient Deposits (B3) (Nonriverient Deposits (B6) tion Visible on Aerial I Stained Leaves (B9) rvations: ter Present? Present? Present? Present?	ee (NRCS; 2 / shrimp sponsor ator is sufficient ine) nriverine) magery (B7) es	ent) Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Other (Ex	it was dug due to ils were assumed (B11) st (B12) evertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 on Reduction in Plov plain in Remarks) (ches): (ches): (photos, previous insertable level and sa	Living Roo 4) wed Soils (Compections), in the sample of the pressure of the pr	Seconda Seconda Seconda Seconda Seconda Drift Drai Dry- ts (C3) Thin Cray Shal FAC	the Natural Resource potential vernal pool and may presence of hydrophytic vegeta ry Indicators (2 or more required) er Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) nage Patterns (B10) Season Water Table (C2) Muck Surface (C7) rfish Burrows (C8) rration Visible on Aerial Imagery (C low Aquitard (D3) -Neutral Test (D5) resent? Yes No

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	o Sam	npling Date: 2/27/2020
Applicant/Owner: Pardee Homes				State: CA Sam	npling Point: 260
Investigator(s): Beth Procsal and Raquel Atik		Section,	Township, R	Range: Section 31, T18S R01W	<i>l</i>
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: (32.55213		Long: -117.01844	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: N	lone
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in Rem	narks.)
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" pre	
Are Vegetation Soil X, or Hydrology	 natura	ally problema	tic?	(If needed, explain any answers	in Remarks.)
				a transporta important for	turos ete
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poil	nt locations	s, transects, important tea	tures, etc.
Hydrophytic Vegetation Present? Yes X	No	_ 1- 41	0 1 1	A	
Hydric Soil Present? Yes X	No	-	he Sampled . hin a Wetland	YAS X	No
Wetland Hydrology Present? Yes X	No	_ ****	iiii a vvotiaii	и.	
Remarks: The majority of the vegetation on the site ha	s been disti	urbed due to	past land use	es. This feature was sampled du	uring the growing season and
meets the wetland criteria.			•	,	3 3 3
VEGETATION – Use scientific names of plants					4
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet	
1. none	70 00101			Number of Dominant Species That Are OBL, FACW, or FAC	
2.				Total Number of Dominant	
3.				Species Across All Strata:	1 (B)
4.				Percent of Dominant Species	· ·
		= Total Cove	er	That Are OBL, FACW, or FAC	C: <u>100</u> (A/B)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index workshee	ət:
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	
5				FACILITY STATES	
Hart Otrating (District		= Total Cove	er	FACU species	
Herb Stratum (Plot size:)	4	N	EA (C) A (UPL species	x 5 =
1. Psilocarphus brevissimus	1	N	FACW	Column Totals:	(A)(B)
Mesembryanthemum nodiflorum Spergularia bocconi	1	N	FACU FACW	Prevalence Index = B/	/A =
			OBL	Hydrophytic Vocatation Inc	dicatoro
Plagiobothrys acanthocarpus Hordeum depressum	30	N 	FACW	Hydrophytic Vegetation Ind	
6. Festuca perennis	5	N	FAC	X Dominance Test is >50	
7. 1 estaca perennis				Prevalence Index is ≤3	
8.					ions ¹ (Provide supporting on a separate sheet)
o	39	= Total Cov			tic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:		rotal oo		i Tobiematic Hydrophyt	iic vegetation (Explain)
1 none				¹ Indicators of hydric soil and	wetland hydrology must
				be present, unless disturbed	
2		= Total Cove	er	Hydrophytic	
				Vegetation	
% Bare Ground in Herb Stratum61 % Co	ver of Biotic	Crust		Present? Yes	X No
Remarks: Sample area is a vernal pool that receives ru					
predominately of hydrophytic vegetation, it does suppor acanthocarpus).	two vernal	pool plant ind	dicator specie	s (Psilocarphus brevissimus an	d Plagiobothrys
assimissing.					

Depth	Matrix		Red	dox Feat	ures		the absence of	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-1	10YR 4/2	100					sandy loam	no redox
1-8	7.5YR 4/3	100	_				clay	no redox
-	_						- 	
	_						-	
¹ Type: C=C	Concentration, D=Depletion	n, RM=Reduce	ed Matrix, CS=Covered	or Coated	d Sand Grains	. 2	Location: PL=Po	ore Lining, RC=Root Channel, M=Matrix.
	oil Indicators: (Applic							s for Problematic Hydric Soils³:
Histos	sol (A1)		Sandy R	edox (S5	5)		1 cm	Muck (A9) (LRR C)
Histic	Epipedon (A2)		Stripped	Matrix (S	86)		2 cm	Muck (A10) (LRR B)
	Histic (A3)			,	neral (F1)			ced Vertic (F18)
	gen Sulfide (A4)		Loamy G	-				Parent Material (TF2)
	fied Layers (A5) (LRR	C)	Depleted	,	,		X Other	(Explain in Remarks)
	Muck (A9) (LRR D) eted Below Dark Surfa	(011)	Redox D		` '			
	Dark Surface (A12)	ce (ATT)	Redox D		ırface (F7)		3Indicators	s of hydrophytic vegetation and
	y Mucky Mineral (S1)		Vernal P					d hydrology must be present,
	y Gleyed Matrix (S4)			0010 (1 0)				s disturbed or problematic.
<u> </u>	e Layer (if present):							<u>'</u>
	shovel refusal							
_	nches): 8		<u> </u>				Hydric Soil P	resent? Yes X No
							•	ssumed here as problematic due to strong
due to limit	ted saturation depth, s	saline conditio	ons, or other factors,	which m	ay include h	uman-ca	used disturbaı	nce.
	Hydrology Indicators						90	econdary Indicators (2 or more required
	ndicators (minimum of		· check all that annly	d)			<u>36</u>	Water Marks (B1) (Riverine)
	ce Water (A1)	one required	Salt Crust	,				Sediment Deposits (B2) (Riverine)
	Water Table (A2)		X Biotic Crus					Drift Deposits (B3) (Riverine)
<u> </u>	ration (A3)		X Aquatic In	` ,	toc (B13)			_ Drainage Patterns (B10)
	r Marks (B1) (Nonrive	rino)	Hydrogen		. ,			Dry-Season Water Table (C2)
	i Maiks (Di) (Hoilite	•			eres along l	is since Do	ots (C3)	Thin Muck Surface (C7)
	nent Denosits (B2) (N a	onriverine)	()YICIZEC H			IVIDA RO		
Sedin	nent Deposits (B2) (No Deposits (B3) (Nonriv e				_	_	013 (00)	
Sedin	Deposits (B3) (Nonriv e		Presence	of Redu	ced Iron (C4)		Crayfish Burrows (C8)
Sedin Drift D	Deposits (B3) (Nonriv o ce Soil Cracks (B6)	erine)	Presence Recent Iro	of Reduc	ced Iron (C4 ction in Tilled)		_ Crayfish Burrows (C8) _ Saturation Visible on Aerial Imagery (C9)
Sedin Drift E X Surfac	Deposits (B3) (Nonriv e	erine) Imagery (B7)	Presence Recent Iro	of Reduc on Reduc Surface	ced Iron (C4 ction in Tilled c (C7))		Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Sedin Drift [X Surface Inund Water	Deposits (B3) (Nonrivo ce Soil Cracks (B6) lation Visible on Aerial r-Stained Leaves (B9)	erine) Imagery (B7)	Presence Recent Iro Thin Muck	of Reduc on Reduc Surface	ced Iron (C4 ction in Tilled c (C7))		_ Crayfish Burrows (C8) _ Saturation Visible on Aerial Imagery (C9)
Sedin Drift [X Surfar Inund Water	Deposits (B3) (Nonrivo ce Soil Cracks (B6) lation Visible on Aerial r-Stained Leaves (B9) ervations:	erine) Imagery (B7	Presence Recent Irc Thin Muck Other (Ex	of Reduce on Reduce Surface plain in F	ced Iron (C4 ction in Tilled c (C7))		Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Sedin Drift E X Surface Inund Water Field Obset Surface W	Deposits (B3) (Nonrivo ce Soil Cracks (B6) lation Visible on Aerial r-Stained Leaves (B9) ervations: /ater Present?	erine) Imagery (B7) Yes	Presence Recent Irc Thin Muck Other (Ex	of Reduction Red	ced Iron (C4 ction in Tilled c (C7))		Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Sedin Drift D X Surface W Water Tab	Deposits (B3) (Nonrivo ce Soil Cracks (B6) lation Visible on Aerial r-Stained Leaves (B9) ervations: /ater Present?	erine) Imagery (B7) Yes Yes	Presence Recent Irc Thin Muck Other (Ex	of Reduce Surface plain in F	ced Iron (C4 ction in Tilled c (C7)	Soils (C	6)	Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Sedin Drift D X Surfac Inund Water Field Obset Surface W Water Tab Saturation	Deposits (B3) (Nonrivo ce Soil Cracks (B6) lation Visible on Aerial r-Stained Leaves (B9) ervations: /ater Present?	erine) Imagery (B7) Yes Yes	Presence Recent Irc Thin Muck Other (Ex	of Reduce Surface plain in F	ced Iron (C4 ction in Tilled c (C7)	Soils (C		Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Sedin Drift I X Surfar Inund Water Field Obset Surface W Water Tab Saturation (includes of	Deposits (B3) (Nonrivo ce Soil Cracks (B6) lation Visible on Aerial r-Stained Leaves (B9) ervations: /ater Present? present?	Yes	Presence Recent Irc Thin Muck Other (Exp No X Depth (inch No X Depth (inch	of Reduction Red	ced Iron (C4 stion in Tilled (C7) Remarks)	Soils (C	6)	Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Sedin Drift I X Surfar Inund Water Field Obset Surface W Water Tab Saturation (includes of	Deposits (B3) (Nonrivo ce Soil Cracks (B6) lation Visible on Aerial r-Stained Leaves (B9) ervations: /ater Present? ple Present? Present? capillary fringe)	Yes	Presence Recent Irc Thin Muck Other (Exp No X Depth (inch No X Depth (inch	of Reduction Red	ced Iron (C4 stion in Tilled (C7) Remarks)	Soils (C	6)	Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Sedin Drift D X Surfac Inund Water Field Obset Surface W Water Tab Saturation (includes of Describe Re	Deposits (B3) (Nonrivo ce Soil Cracks (B6) lation Visible on Aerial r-Stained Leaves (B9) ervations: /ater Present? ble Present? Present? capillary fringe) ecorded Data (stream	Yes Yes gauge, monit	Presence Recent Irc Thin Muck Other (Ex No X Depth (inch No X Depth (inch No X Depth (inch toring well, aerial pho	of Reductor	ced Iron (C4 stion in Tilled (C7) Remarks)	Soils (C	and Hydrolog	Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5) y Present? Yes X No
Sedin Drift D X Surfac Inund Water Field Obset Surface W Water Tab Saturation (includes of Describe Re	Deposits (B3) (Nonrivo ce Soil Cracks (B6) lation Visible on Aerial r-Stained Leaves (B9) ervations: /ater Present? ple Present? Present? capillary fringe) ecorded Data (stream	Yes Yes gauge, monit	Presence Recent Irc Thin Muck Other (Ex No X Depth (inch No X Depth (inch No X Depth (inch toring well, aerial pho	of Reductor	ced Iron (C4 stion in Tilled (C7) Remarks)	Soils (C	and Hydrolog	Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Sedin Drift D X Surfac Inund Water Field Obset Surface W Water Tab Saturation (includes of Describe Re	Deposits (B3) (Nonrivo ce Soil Cracks (B6) lation Visible on Aerial r-Stained Leaves (B9) ervations: /ater Present? ble Present? Present? capillary fringe) ecorded Data (stream	Yes Yes gauge, monit	Presence Recent Irc Thin Muck Other (Ex No X Depth (inch No X Depth (inch No X Depth (inch toring well, aerial pho	of Reductor	ced Iron (C4 stion in Tilled (C7) Remarks)	Soils (C	and Hydrolog	Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5) y Present? Yes X No
Sedin Drift D X Surface Inund Water Field Obset Surface W Water Tab Saturation (includes of Describe Re	Deposits (B3) (Nonrivo ce Soil Cracks (B6) lation Visible on Aerial r-Stained Leaves (B9) ervations: /ater Present? ple Present? Present? capillary fringe) ecorded Data (stream	Yes Yes gauge, monit	Presence Recent Irc Thin Muck Other (Ex No X Depth (inch No X Depth (inch No X Depth (inch toring well, aerial pho	of Reductor	ced Iron (C4 stion in Tilled (C7) Remarks)	Soils (C	and Hydrolog	Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5) y Present? Yes X No

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	Sampling Date: 2/27/20	ງ20
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 261	
Investigator(s): Beth Procsal and Raquel Atik		Section,	Township, R	Range: Section 31, T18S R	₹01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%):	0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.552285	•	Long: -117.01840	Datum: NAD8	 33
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl				NWI classificatio	n: None	
Are climatic / hydrologic conditions on the site typical for		vear? Yes	X No			
Are Vegetation X, Soil , or Hydrology			· ·	Are "Normal Circumstances		No
Are Vegetation , Soil , or Hydrology				(If needed, explain any ans	· —	
SUMMARY OF FINDINGS – Attach site map sh	owing sa	mpling poi	nt locations	s, transects, important	: features, etc.	
Hydrophytic Vegetation Present? Yes X	No					
Hydric Soil Present? Yes X	No	-	he Sampled	YAS X	(No	
Wetland Hydrology Present? Yes X	No	— witi	nin a Wetlan	d? ——		
Remarks: The majority of the vegetation on the site ha	s heen disti	irhed due to	nast land use	S This feature was sample	ed during the growing se	ason and
meets the wetland criteria.	s been dist	arbed due to	past land use	53. This leature was sample	ed during the growing se	ason and
VEGETATION – Use scientific names of plants						
Troe Stratum (Diet size:	Absolute	Dominant Species?	Indicator Status	Dominance Test works		
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Sp		(4)
				That Are OBL, FACW, o	·	(A)
3				Total Number of Domina Species Across All Strata		(B)
				Percent of Dominant Spe		_(b)
4		= Total Cove	<u></u>	That Are OBL, FACW, o		(A/B)
Sapling/Shrub Stratum (Plot size:)		rotal cov	0 1			
1. none				Prevalence Index work	sheet:	
2.				Total % Cover of:	Multiply by:	
3.				OBL species	x 1 =	_
4.				FACW species		
5.				FAC species	•	
		= Total Cove	er	FACU species	x 4 =	_
Herb Stratum (Plot size:)				UPL species	x 5 =	_
Psilocarphus brevissimus	15	Y	FACW	Column Totals:	(A)	_(B)
2. Plagiobothrys acanthocarpus	1	N	OBL	Prevalence Index	x = B/A =	
3. Plantago elongata	2	N	FACW			_
4. Spergularia bocconi	30	Y	FACW	Hydrophytic Vegetation	n Indicators:	
5. Lepidium latipes	1	N	FACW	_X Dominance Test is	s >50%	
6. Lepidium nitidum	1	N	FAC	Prevalence Index	is ≤3.0 ¹	
7. Hordeum murinum	10	N	FACU		aptations¹ (Provide supp	
8				data in Remark	ks or on a separate shee	t)
	60	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Exp	lain)
Woody Vine Stratum (Plot size:)						
1. none				¹ Indicators of hydric soil be present, unless distu	I and wetland hydrology	must
2				<u>'</u>	——————————————————————————————————————	
	60	= Total Cove	er	Hydrophytic		
% Bare Ground in Herb Stratum 40 % Co	ver of Biotic	Crust		Vegetation Ye	es X No	
Remarks: Sample area is a vernal pool that receives ru			all local micro			
predominately of hydrophytic vegetation, it does support						,
acanthocarpus, and Plantago elongata).		•			- •	

Profile Desc Depth	cription: (Describe Matrix			ent the inc edox Featu		confirm t	the absence	of indicators.)
(inches)	Color (moist)	<u> </u>	Color (moist)	%	Type ¹	Loc ²	– Texture	2	Remarks
(1101100)			Ocioi (moist)		Турс		_ TOXIGI		Tomano
							_		
							_		
				•					
¹ Type: C=Co	ncentration, D=Deplet	tion, RM=Reduced	Matrix, CS=Covere	d or Coated	Sand Grain	is. ²	² Location: PL=F	Pore Lining, RC=	Root Channel, M=Matrix.
Hydric Soil	Indicators: (Appl	icable to all LR	Rs, unless other	wise note	d.)		Indicato	rs for Problen	natic Hydric Soils³:
Histoso	I (A1)		Sandy F	Redox (S5))		1 cm	n Muck (A9) (LI	RR C)
	pipedon (A2)			d Matrix (S				n Muck (A10) (I	-
	listic (A3)			Mucky Min	,			uced Vertic (F1	
	en Sulfide (A4)			Gleyed Ma				Parent Materia	,
		a (c)		-					` '
l —	d Layers (A5) (LRF	(C)		d Matrix (F	,		Othe	er (Explain in R	emarks)
	uck (A9) (LRR D)			Dark Surfa	` '				
	ed Below Dark Surfa	ace (A11)		d Dark Sui	. ,				
	ark Surface (A12)			Depression	ıs (F8)				tic vegetation and
	Mucky Mineral (S1)		Vernal I	Pools (F9)					nust be present,
Sandy (Gleyed Matrix (S4)						unles	s disturbed or	problematic.
Restrictive	Layer (if present):								
I _	Layer (ii present).	•							
Type:			_					_	
Depth (inc	:hes):		_				Hydric Soil	Present?	Yes <u>X</u> No
Remarks: N	lo soil pit was dug d	due because the	sample point is o	outside of t	he Review	Area Ho	wever hydric	soils were ass	sumed to be present due to
	e of hydrophytic ve					,			20 p. 20 p. 20 m. 20 to
p. 555	o o, a op, a.o . o,	9014110114114							
HYDROLO	GY								
	ydrology Indicato	re·					9	Secondary Ind	icators (2 or more required)
			المراجع فحطة الحراج عام				2		
	icators (minimum c	or one requirea; o		• /					s (B1) (Riverine)
Surface	e Water (A1)		Salt Crus	st (B11)			_	Sediment D	eposits (B2) (Riverine)
High W	ater Table (A2)		X Biotic Cr	ust (B12)				Drift Deposi	ts (B3) (Riverine)
Saturat	ion (A3)		X Aquatic I	nvertebrate	es (B13)			Drainage Pa	atterns (B10)
	Marks (B1) (Nonriv	varina)		n Sulfide C					Water Table (C2)
		•	<u> </u>		, ,	Linda - D.			
	ent Deposits (B2) (N				eres along	_	oots (C3) _		Surface (C7)
Drift De	eposits (B3) (Nonri v	verine)	Presence	e of Reduc	ed Iron (C	4)	_	Crayfish Bu	rrows (C8)
_X_Surface	Soil Cracks (B6)		Recent I	on Reduct	ion in Tille	d Soils (C	(6)	Saturation \	/isible on Aerial Imagery (C9)
Inundat	tion Visible on Aeria	al Imagery (B7)	Thin Muc	k Surface	(C7)		_	— Shallow Aqı	uitard (D3)
	Stained Leaves (B9			xplain in R				FAC-Neutra	
Water-v	Stained Leaves (Da	·)	Other (E.	Apiaiii iii i N	ciriaiks)		-	I AC-Neutra	ii Test (D3)
Field Obser	vations:								
Surface Wat	ter Present?	Yes N	o X Depth (inc	hes):					
Water Table			o X Depth (inc						
i								D	Var. V. Na
Saturation P		res N	o X Depth (inc	nes):		wetia	and Hydrolo	gy Present?	Yes X No
	pillary fringe)		ata a casa n	4		-4: \ '5			
Describe Red	corded Data (stream	n gauge, monito	ring well, aerial pl	notos, prev	rious inspe	ctions), if	available:		
		soil cracks, biotic	crust, and aquat	ic invertebi	rates were	all preser	nt at the time	of the delineat	ion, indicating that the area
supports wetl	and hydrology.								

Project/Site: Southwest Village Specific Plan Project		City/Cou	^{nty:} San Dieg	0	Sam	pling Date	:2/27/202	20
Applicant/Owner: Pardee Homes				State:CA		pling Point		
Investigator(s): Beth Procsal and Raquel Atik		Section,	Township, Ra	inge:Section 31, T1	— 8S R01V	V		
Landform (hillslope, terrace, etc.): mesa top				convex, none):conca			lope (%):0)- 2
Subregion (LRR):C - Mediterranean California	Lat:32.5	5525686		Long:-117.018402		 Da	_ tum:ŊAD	083
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slo					sification			
Are climatic / hydrologic conditions on the site typical for this		ear? Yes	No (
	gnificantly			"Normal Circumstance		•	No.	0
	aturally pro			eeded, explain any an	•			
SUMMARY OF FINDINGS - Attach site map s							eatures	, etc.
Hydrophytic Vegetation Present? Yes No								
		Is	the Sampled	l Area				
Wetland Hydrology Present? Yes No			ithin a Wetla		•	No (
Remarks: The majority of the vegetation on the site has general, has been altered due to off-road act problematic due to the seasonality of their pand early spring months each year.	tivity. Th	ie vegeta	ation and hyd	drology of the seaso	onal depr	essions/v	ernal poo	ols are
VEGETATION								
	Absolute % Cover		nt Indicator ? Status	Number of Domina				
1. <i>None</i>				That Are OBL, FAC			2	(A)
2.				- - Total Number of Do	minant			
3.				Species Across All			3	(B)
4.				Percent of Dominar	nt Species	3		
Total Cover: Sapling/Shrub Stratum	%			That Are OBL, FAC		_	6.7 %	(A/B)
1.None				Prevalence Index	workshee	et:		
2.				Total % Cover	of:	Multi	ply by:	_
3.		-		OBL species	2	x 1 =	2	
4.		-		FACW species	45	x 2 =	90	
5.				FAC species		x 3 =	0	
Total Cover:	%			FACU species	20	x 4 =	80	
Herb Stratum		**		UPL species		x 5 =	0	
1. Psilocarphus brevissimus	<u>25</u>	Yes	FACW	Column Totals:	67	(A)	172	(B)
² ·Spergularia bocconi	15	Yes	FACW	Prevalence In	dex = B/	A =	2.57	
3. Crassula aquatica 4. Lepidium latipes	$\frac{1}{2}$	No No	OBL FACW	Hydrophytic Vege	tation Inc	dicators:	,	
5. Plagiobothrys acanthocarpus	$\frac{2}{1}$	No	OBL	Dominance Te	st is >50%	6		
6. Hordeum murinum	$\frac{1}{20}$	Yes	FACU	X Prevalence Ind	lex is ≤3.0)1		
7. Plantago elongata	3	No	FACW	Morphological	Adaptatio	ns¹ (Provid	le support	ing
8.			<u> </u>	data in Rem Problematic Hy		=		-\
Total Cover:	67 %			- Problematic Hy	aropnyud	vegetatio	ıı (⊏xpıaıı	1)
Woody Vine Stratum				¹ Indicators of hydri	c soil and	l wetland h	ovdrology	must
1.None				be present.	o son and	welland i	iyarology	must
2Total Cover:	%			Hydrophytic				
				Vegetation				
% Bare Ground in Herb Stratum 33 % Cover			<u>%</u>	Present?	Yes 💿	No (
Remarks: Sample area is a vernal pool that receives pool consisting predominately of hydrophy (Psilocarphus brevissimus, Plagiobothrys	ytic vege	tation, it	t does suppo	rt four vernal pool	plant ind	icator spe		nal

Depth	cription: (Describe Matrix	to the depth		rent the mu Features	Jul 0		aic abseile Ul	maioatoisij
(inches)	Color (moist)	%	Color (moist)		ype ¹	Loc ²	Texture ³	Remarks
0-12	10YR 3/2	100					sandy clay	no redox
	-							-
								-
	- · -							
	<u></u>							
¹ Type: C=0	Concentration, D=Dep	letion, RM=R	educed Matrix.	² Location: P	L=Pore	Lining, F	RC=Root Channel,	M=Matrix.
³ Soil Textur	es: Clay, Silty Clay, S	Sandy Clay, L	oam, Sandy Clay	Loam, Sandy	/ Loam,	Clay Loa		m, Silt Loam, Silt, Loamy Sand, Sand
	Indicators: (Applicab	le to all LRRs						Problematic Hydric Soils:
Histoso			Sandy Redo	. ,				ck (A9) (LRR C)
	Epipedon (A2) Histic (A3)		Stripped Ma	แทх (อิธ) ky Mineral (F	1)			ck (A10) (LRR B) Vertic (F18)
	jen Sulfide (A4)			red Matrix (F2				ent Material (TF2)
	ed Layers (A5) (LRR (C)	Depleted M		-,			κρ l ain in Remarks)
	luck (A9) (LRR D)	,		Surface (F6)		· ·	,
Deplete	ed Be l ow Dark Surfac	e (A11)	Depleted Da	ark Surface (l	F7)			
1 1	Dark Surface (A12)			ressions (F8)				
	Mucky Mineral (S1)		Vernal Pool	s (F9)				hydrophytic vegetation and
	Gleyed Matrix (S4)						wetland hy	drology must be present.
	Layer (if present):							
Type:							1	
Depth (ii	·			1 22 5			Hydric Soil Pr	9
			•		_	•		the Natural Resource
				_		_		potential vernal pool and may
	upport a fisted fairy		cies. Hydric soi	is were assi	umea te	o de pre	sent due to the p	presence of hydrophytic vegetation
HYDROL		12.1						
Wetland H	ydrology Indicators:						Seconda	ary Indicators (2 or more required)
	licators (any one indic		ent)				· · · · · · · · · · · · · · · · · · ·	er Marks (B1) (Riverine)
	e Water (A1)	ator to camore	Salt Crust	(B11)				iment Deposits (B2) (Riverine)
	/ater Table (A2)		Biotic Crus					: Deposits (B3) (Riverine)
□	tion (A3)			vertebrates (f	313)			inage Patterns (B10)
	Marks (B1) (Nonriver	ine)	· ·	Su l fide Odor	•			Season Water Table (C2)
	ent Deposits (B2) (No	*		Rhizospheres		ivina Ro		Muck Surface (C7)
	eposits (B3) (Nonrive	•	<u> </u>	of Reduced I	_	-		yfish Burrows (C8)
	e Soil Cracks (B6)	,		n Reduction	, ,		(C6) Sati	uration Visible on Aerial Imagery (C9)
	tion Visib l e on Aerial I	magery (B7)	Other (Exp	lain in Rema	rks)		· · · L	llow Aquitard (D3)
₩ Water-	Stained Leaves (B9)				,		FAC	C-Neutral Test (D5)
Field Obse								<u>`</u>
Surface Wa	nter Present? Y	es 🕟 No	Depth (in	ches):	1			
Water Table	e Present? Y		Depth (in	ches):				
Saturation I		_	Depth (in	· · — —	0			
(includes ca	apillary fringe)		\sim	-		- 1	land Hydrology F	Present? Yes 💿 No 🔘
Describe R	ecorded Data (stream	gauge, moni	toring well, aerial p	photos, previo	ous insp	ections)	, if available:	
Remarks:S	urface water and ev	idence of su	ırface soil crack	s were pres	ent at tl	he time	of the delineation	on, which indicate that the area
St	apports wetland hyd	drology.						
IS Army Cori	os of Engineers							

Applicant/Owner: Pardee Homes	n and
Investigator(s): Beth Procsal and Raquel Atik Landform (hillslope, terrace, etc.): mesa top Local relief (concave, convex, none): concave Slope (%): 0-2 Subregion (LRR): C - Mediterranean California Lat: 32.5524308345 Long: -117.018419072 Datum: Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slopes Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.) Are Vegetation X, Soil , or Hydrology significantly disturbed? Yes Are "Normal Circumstances" present? Yes X No Are Vegetation , Soil , or Hydrology naturally problematic? Yes (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes X No	n and
Lat: 32.5524308345	n and
Subregion (LRR): C - Mediterranean California	n and
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slopes	n and
Are climatic / hydrologic conditions on the site typical for this time of year? YesXNo(If no, explain in Remarks.) Are VegetationX, _Soil, or Hydrologysignificantly disturbed? Yes _ Are "Normal Circumstances" present? YesXNo Are Vegetation, Soil, or Hydrologynaturally problematic? Yes (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? YesXNo	
Are Vegetation X, Soil , or Hydrologysignificantly disturbed? Yes Are "Normal Circumstances" present? Yes _X _ No naturally problematic? Yes (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes _X _ No Is the Sampled Area within a Wetland? Yes _X _ No Wetland Hydrology Present? Yes _X _ No Wetland Hydrology Present? Yes _X _ No Is the Sampled Area within a Wetland? Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season meets the wetland criteria. VEGETATION – Use scientific names of plants. VEGETATION – Use scientific names of plants. Absolute Dominant Indicator % Cover Species? Status 1. none	
Are Vegetation, Soil, or Hydrologynaturally problematic? Yes (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes X No Is the Sampled Area within a Wetland? Yes X No Wetland Hydrology Present? Yes X No Within a Wetland? Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season meets the wetland criteria. VEGETATION – Use scientific names of plants. Tree Stratum (Plot size:)	
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes X No	
Hydric Soil Present? Yes X No Within a Wetland? Yes X No Within a Wetland? Yes X No Wetland Hydrology Present? Yes X No Within a Wetland? Yes X No Within a	
Hydric Soil Present? Yes X No Within a Wetland? Yes X No Within a Wetland? Yes X No Wetland Hydrology Present? Yes X No Within a Wetland? Yes X No Within a	
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season meets the wetland criteria. VEGETATION – Use scientific names of plants. Absolute Dominant Indicator Status Indicator Status Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A) Total Number of Dominant Species Across All Strata: 1 (B) Percent of Dominant Species	
VEGETATION – Use scientific names of plants. Tree Stratum (Plot size:	
Tree Stratum (Plot size:	()
1. none That Are OBL, FACW, or FAC: 1 (A) 2. Total Number of Dominant Species Across All Strata: 1 (B) 4. Percent of Dominant Species	١)
2. Total Number of Dominant Species Across All Strata: 1 (B) 4. Percent of Dominant Species	٠,
4. Percent of Dominant Species	
	5)
Tatal Cours Tildt Ale Obl., FACW, OI FAC100.0(Art	VB)
Sapling/Shrub Stratum (Plot size:)	
1. none Prevalence Index worksheet:	
2. Total % Cover of: Multiply by:	
3. OBL species 0 x 1 = 0	
4 FACW species 2 x 2 = 4	
5 FAC species x 3 = 210	
= Total Cover FACU species 0 x 4 = 0	
Herb Stratum (Plot size:)	
1. Festuca perennis 70 Yes FAC Column Totals: 72 (A) 214 (B)	1
2. Hordeum depressum 2 No FACW Prevalence Index = B/A = 2.97	
3	
5.	
7. Morphological Adaptations¹ (Provide supporting	g
data in Remarks or on a separate sheet)	
Woody Vine Stratum (Plot size: 72 = Total Cover Problematic Hydrophytic Vegetation¹ (Explain)	
1. none Indicators of hydric soil and wetland hydrology must	t
be present, unless disturbed or problematic.	
0 = Total Cover Hydrophytic	
% Bare Ground in Herb Stratum 28 % Cover of Biotic Crust 0 Vegetation Present? Yes X No	
Remarks: No ACOE vernal pool plant indicator species were present within the basin.	

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Features						
(inches)	Color (moist)	% (Color (moist)	% T	ype ¹	Loc ²	Textur	e	Remark	(S
										_
										
¹ Type: C=Con	ncentration, D=Depletion, F	RM=Reduced M	Matrix, CS=Covered	or Coated Sar	nd Grains.	² Lo	ocation: PL=	Pore Lining, F	C=Root Channel,	M=Matrix.
Hydric Soil	Indicators: (Applicab	le to all LRR	s, unless other	wise noted.)			Indicato	ors for Prob	lematic Hydric	Soils ³ :
Histosol				edox (S5)				n Muck (A9)	=	
	pipedon (A2)			Matrix (S6)				n Muck (A10		
					(F1)			-		
	istic (A3)			Mucky Minera				luced Vertic	` '	
	en Sulfide (A4)			Sleyed Matrix	(F2)			Parent Mat	, ,	
	d Layers (A5) (LRR C)			l Matrix (F3)			X Oth	er (Explain ir	n Remarks)	
1 cm Mu	uck (A9) (LRR D)		Redox D	ark Surface (F6)					
Depleted	d Below Dark Surface ((A11)	Depleted	l Dark Surfac	e (F7)					
Thick Da	ark Surface (A12)		Redox D	epressions (F	- 8)		3Indicate	ors of hydrop	hytic vegetation	and
Sandy N	Mucky Mineral (S1)		Vernal P	ools (F9)	•		wetla	and hydrolog	y must be prese	nt,
Sandy G	Gleyed Matrix (S4)			` ,					or problematic.	
	. ,								'	
Restrictive I	Layer (if present):									
Type:										
Depth (incl	hes):					F	Hydric Soil	Present?	Yes X	No
	o soil pit was dug due l									
HYDROLOG	Υ									
Wetland Hy	drology Indicators:							Secondary I	ndicators (2 or	more required)
_				,			3			
Primary Indi	cators (minimum of one	e requirea; ch	eck all that apply	/)					arks (B1) (River i	*
X Surface	Water (A1)		Salt Crust	(B11)			_	Sedimen	t Deposits (B2) (Riverine)
High Wa	ater Table (A2)		Biotic Cru	st (B12)				Drift Dep	osits (B3) (Rive i	rine)
X Saturati	on (A3)		Aguatic Ir	vertebrates (B13)		_	Drainage	Patterns (B10)	
	Marks (B1) (Nonriverin	a)		Sulfide Odor	-		_		on Water Table	(C2)
					. ,		- (00)			(02)
	nt Deposits (B2) (Nonr	•		Rhizospheres	-	ing Root	is (C3) _		k Surface (C7)	
	posits (B3) (Nonriverin	ie)		of Reduced I	. ,		_		Burrows (C8)	
X Surface	Soil Cracks (B6)		Recent Iro	on Reduction	in Tilled S	oils (C6)	_	Saturatio	n Visible on Aeri	al Imagery (C9)
Inundati	ion Visible on Aerial Im	agery (B7)	Thin Mucl	s Surface (C7	·)			Shallow A	Aquitard (D3)	
— Water-S	Stained Leaves (B9)		Other (Ex	plain in Rema	arks)		_	— FAC-Neu	ıtral Test (D5)	
	. ,			,	,		-			
Field Obser	vations:									
Surface Wate	er Present? Yes	SX No	Depth (inch	nes):	1					
Water Table	Present? Yes	s No	X Depth (inch	nes):						
Saturation Pr		X No			0	Wetlan	d Hydrold	gy Present	? Yes X	No
					<u> </u>	- Total	.aya. o.c	, gy 1 1000iii	· 100 <u>-7</u>	
(includes car	resent? Yes	, <u>X</u> 110								
	resent? Yes pillary fringe)		· `	otos previous	s inspectio	ne) if av	vailahle: n	/a		
	resent? Yes		· `	otos, previous	s inspectio	ons), if av	vailable: n	/a		
	resent? Yes pillary fringe)		· `	otos, previou	s inspectio	ons), if av	vailable: n	/a		
Describe Rec	resent? Yes oillary fringe) orded Data (stream ga	uge, monitorii	ng well, aerial ph	•	-	·			icating that the s	irea sunnorte
Describe Reco	resent? Yes billary fringe) orded Data (stream gar rface water was preser	uge, monitorii	ng well, aerial ph	•	-	·			icating that the a	ırea supports
Describe Rec	resent? Yes billary fringe) orded Data (stream gar rface water was preser	uge, monitorii	ng well, aerial ph	•	-	·			icating that the a	irea supports
Describe Reco	resent? Yes billary fringe) orded Data (stream gar rface water was preser	uge, monitorii	ng well, aerial ph	•	-	·			icating that the a	rea supports
Describe Reco	resent? Yes billary fringe) orded Data (stream gar rface water was preser	uge, monitorii	ng well, aerial ph	•	-	·			icating that the a	rea supports

Project/Site: Southwest Village Specific Plan Project		City/Cou	^{nty:} San Dieg	0	Sam	pling Date	:2/27/202	20
Applicant/Owner: Pardee Homes				State:CA		pling Point		
Investigator(s): Beth Procsal and Raquel Atik		Section,	Township, Ra	inge:Section 31, T1	— 8S R01V	V		
Landform (hillslope, terrace, etc.): mesa top				convex, none):conca			lope (%):0)- 2
Subregion (LRR):C - Mediterranean California	Lat:32.5	5525686		Long:-117.018402		 Da	_ tum:ŊAD	083
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slo					sification			
Are climatic / hydrologic conditions on the site typical for this		ear? Yes	No (
	gnificantly			"Normal Circumstance		•	No.	0
	aturally pro			eeded, explain any an	•			
SUMMARY OF FINDINGS - Attach site map s							eatures	, etc.
Hydrophytic Vegetation Present? Yes No								
		Is	the Sampled	l Area				
Wetland Hydrology Present? Yes No			ithin a Wetla		•	No (
Remarks: The majority of the vegetation on the site has general, has been altered due to off-road act problematic due to the seasonality of their pand early spring months each year.	tivity. Th	ie vegeta	ation and hyd	drology of the seaso	onal depr	essions/v	ernal poo	ols are
VEGETATION								
	Absolute % Cover		nt Indicator ? Status	Number of Domina				
1. <i>None</i>				That Are OBL, FAC			2	(A)
2.				- - Total Number of Do	minant			
3.				Species Across All			3	(B)
4.				Percent of Dominar	nt Species	3		
Total Cover: Sapling/Shrub Stratum	%			That Are OBL, FAC		_	6.7 %	(A/B)
1.None				Prevalence Index	workshee	et:		
2.				Total % Cover	of:	Multi	ply by:	_
3.		-		OBL species	2	x 1 =	2	
4.		-		FACW species	45	x 2 =	90	
5.				FAC species		x 3 =	0	
Total Cover:	%			FACU species	20	x 4 =	80	
Herb Stratum		**		UPL species		x 5 =	0	
1. Psilocarphus brevissimus	<u>25</u>	Yes	FACW	Column Totals:	67	(A)	172	(B)
² ·Spergularia bocconi	15	Yes	FACW	Prevalence In	dex = B/	A =	2.57	
3. Crassula aquatica 4. Lepidium latipes	$\frac{1}{2}$	No No	OBL FACW	Hydrophytic Vege	tation Inc	dicators:	,	
5. Plagiobothrys acanthocarpus	$\frac{2}{1}$	No	OBL	Dominance Te	st is >50%	6		
6. Hordeum murinum	$\frac{1}{20}$	Yes	FACU	X Prevalence Ind	lex is ≤3.0)1		
7. Plantago elongata	3	No	FACW	Morphological	Adaptatio	ns¹ (Provid	le support	ing
8.			<u> </u>	data in Rem Problematic Hy		=		-\
Total Cover:	67 %			- Problematic Hy	aropnyud	vegetatio	ıı (⊏xpıaıı	1)
Woody Vine Stratum				¹ Indicators of hydri	c soil and	l wetland h	ovdrology	must
1.None				be present.	o son and	welland i	iyarology	must
2Total Cover:	%			Hydrophytic				
				Vegetation				
% Bare Ground in Herb Stratum 33 % Cover			<u>%</u>	Present?	Yes 💿	No (
Remarks: Sample area is a vernal pool that receives pool consisting predominately of hydrophy (Psilocarphus brevissimus, Plagiobothrys	ytic vege	tation, it	t does suppo	rt four vernal pool	plant ind	icator spe		nal

Depth	cription: (Describe Matrix	to the depth		rent the mu Features	Jul 0		a.c absence Oi	maioatoisij
(inches)	Color (moist)	%	Color (moist)		ype ¹	Loc ²	Texture ³	Remarks
0-12	10YR 3/2	100					sandy clay	no redox
	-							-
								-
	- · -							
	<u></u>							
¹ Type: C=0	Concentration, D=Dep	letion, RM=R	educed Matrix.	² Location: P	L=Pore	Lining, F	RC=Root Channel,	M=Matrix.
³ Soil Textur	es: Clay, Silty Clay, S	Sandy Clay, L	oam, Sandy Clay	Loam, Sandy	/ Loam,	Clay Loa		m, Silt Loam, Silt, Loamy Sand, Sand
	Indicators: (Applicab	le to all LRRs						Problematic Hydric Soils:
Histoso			Sandy Redo	. ,				ck (A9) (LRR C)
	Epipedon (A2) Histic (A3)		Stripped Ma	แทх (อิธ) ky Mineral (F	1)			ck (A10) (LRR B) Vertic (F18)
	jen Sulfide (A4)			red Matrix (F2				ent Material (TF2)
	ed Layers (A5) (LRR (C)	Depleted M		-,			κρ l ain in Remarks)
	luck (A9) (LRR D)	,		Surface (F6)		· ·	,
Deplete	ed Be l ow Dark Surfac	e (A11)	Depleted Da	ark Surface (l	F7)			
1 1	Dark Surface (A12)			ressions (F8)				
	Mucky Mineral (S1)		Vernal Pool	s (F9)				hydrophytic vegetation and
	Gleyed Matrix (S4)						wetland hy	drology must be present.
	Layer (if present):							
Type:							1	
Depth (ii	·			1 22 5			Hydric Soil Pr	9
			•		_	•		the Natural Resource
				_		_		potential vernal pool and may
	upport a fisted fairy		cies. Hydric soi	is were assi	umea te	o de pre	sent due to the p	presence of hydrophytic vegetation
HYDROL		12.1						
Wetland H	ydrology Indicators:						Seconda	ary Indicators (2 or more required)
	licators (any one indic		ent)				· · · · · · · · · · · · · · · · · · ·	er Marks (B1) (Riverine)
	e Water (A1)	ator to camore	Salt Crust	(B11)				iment Deposits (B2) (Riverine)
	/ater Table (A2)		Biotic Crus					: Deposits (B3) (Riverine)
□	tion (A3)			vertebrates (f	313)			inage Patterns (B10)
	Marks (B1) (Nonriver	ine)	· ·	Su l fide Odor	•			Season Water Table (C2)
	ent Deposits (B2) (No	*		Rhizospheres		ivina Ro		Muck Surface (C7)
	eposits (B3) (Nonrive	•	<u> </u>	of Reduced I	_	-		yfish Burrows (C8)
	e Soil Cracks (B6)	,		n Reduction	, ,		(C6) Sati	uration Visible on Aerial Imagery (C9)
	tion Visib l e on Aerial I	magery (B7)	Other (Exp	lain in Rema	rks)			llow Aquitard (D3)
₩ Water-	Stained Leaves (B9)				,		FAC	C-Neutral Test (D5)
Field Obse								<u>`</u>
Surface Wa	nter Present? Y	es 🕟 No	Depth (in	ches):	1			
Water Table	e Present? Y		Depth (in	ches):				
Saturation I		_	Depth (in	· · — —	0			
(includes ca	apillary fringe)		\sim	-		- 1	land Hydrology F	Present? Yes 💿 No 🔘
Describe R	ecorded Data (stream	gauge, moni	toring well, aerial p	photos, previo	ous insp	ections)	, if available:	
Remarks:S	urface water and ev	idence of su	ırface soil crack	s were pres	ent at tl	he time	of the delineation	on, which indicate that the area
St	apports wetland hyd	drology.						
IS Army Cori	os of Engineers							

Project/Site: Southwest Village Specific Plan		City/C	ounty: San Dieg	o, CA Sampling Date: 2/27/2020
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 265
Investigator(s): Beth Procsal and Raquel Atik		Sect	ion, Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Loca	al relief (concave,	, convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.552906	65543	Long: -117.018353509 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: Depression
Are climatic / hydrologic conditions on the site typical fo		f year?	Yes X No	
				Are "Normal Circumstances" present? Yes X No
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sl				
Hydrophytic Vegetation Present? YesX		_	Is the Sampled	Aroa
Hydric Soil Present? Yes X	_No		within a Wetlan	YAS X NA
Wetland Hydrology Present? Yes X	No	_		
meets the wetland criteria. VEGETATION – Use scientific names of plants		arboa aac	to pastialla asc	es. This feature was sampled during the growing season and
Tree Stratum (Diet eizer	Absolute	Domina		Dominance Test worksheet:
Tree Stratum (Plot size:) 1. none	% Cover	Species	s? Status	Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
2.				Total Number of Dominant
3				Species Across All Strata: 2 (B)
4	-			Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0 (A/B)
Sapling/Shrub Stratum (Plot size:)		= Total C	Cover	
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species 1 x 1 = 1
4.				FACW species 30 x 2 = 60
5.				FAC species 3 x 3 = 9
		= Total C	Cover	FACU species 0 x 4 = 0
Herb Stratum (Plot size:)				UPL species0 x 5 =0
Spergularia bocconi	20	Yes	FACW	Column Totals:34 (A)70(B)
2. Lepidium nitidum	1	No	FAC	Prevalence Index = B/A = 2.06
3. Plagiobothrys acanthocarpus	1	No	OBL	
4. Hordeum depressum	10	Yes		Hydrophytic Vegetation Indicators:
5. Festuca perennis	2	No	FAC	X Dominance Test is >50%
6.				X Prevalence Index is ≤3.0¹
7. 8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
0.	34	= Total	Cover	·
Woody Vine Stratum (Plot size:)		- Total	Cover	Problematic Hydrophytic Vegetation ¹ (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total C	Cover	Hydrophytic
% Bare Ground in Herb Stratum 66 % Co	over of Biotic		0	Vegetation Present? Yes X No
Remarks: Sample area is a vernal pool that receives ru	unoff from a	relatively	small local micro	y-watershed. In addition to the vernal pool consisting
predominately of hydrophytic vegetation, it does suppo				

Depth inches)	Color (moist)	%	Color (n	noist)	%	_Type ¹	Loc ²	Texture	<u> </u>	Rem	arks
ype: C=Cor	ncentration, D=Depletio	n, RM=Reduc	ced Matrix, CS	S=Covere	d or Coated	Sand Grair	is. ² l	Location: PL=P	ore Lining, F	C=Root Channe	el, M=Matrix.
dric Soil	Indicators: (Applic	able to all L	LRRs, unle	ss other	wise note	ed.)		Indicator	s for Prob	lematic Hydri	c Soils ³ :
_ Histosol	(A1)			Sandy F	Redox (S5)		1 cm	Muck (A9)	(LRR C)	
_ Histic E	oipedon (A2)			Stripped	d Matrix (S	66)		2 cm	Muck (A10) (LRR B)	
_Black H	istic (A3)			Loamy I	Mucky Mir	neral (F1)		Redu	ced Vertic	(F18)	
_ , ,	en Sulfide (A4)				Gleyed Ma			Red F	Parent Mat	erial (TF2)	
_Stratifie	d Layers (A5) (LRR	C)		Deplete	d Matrix (F	- 3)		X Other	r (Explain ir	n Remarks)	
	uck (A9) (LRR D)			-	Dark Surfa	` '					
Deplete	d Below Dark Surfac	e (A11)		Deplete	d Dark Su	rface (F7)					
	ark Surface (A12)			-	Depressior	. ,				hytic vegetation	
_ ′	/lucky Mineral (S1)			Vernal F	Pools (F9)					y must be pre	
Sandy 0	Gleyed Matrix (S4)							unless	s disturbed	or problemation	C.
estrictive	Layer (if present):										
Type: Depth (inc emarks: N	hes):o soil pit was dug du				outside of t	he Review		Hydric Soil F		Yes X	No e present due
Type: Depth (inc temarks: N	hes):				outside of t	he Review		,			_
Type: Depth (inc temarks: N	hes):o soil pit was dug du				outside of t	he Review		,			_
Type: Depth (inc emarks: N	hes):o soil pit was dug du				outside of t	he Review		,			_
Type: Depth (inc emarks: N e presence	hes):o soil pit was dug du e of hydrophytic vege				outside of t	he Review		,			_
Type: Depth (inc emarks: N e presence	hes):o soil pit was dug du e of hydrophytic vege	etation and v			outside of t	he Review		wever, hydric	soils were		e present due
Type:	hes):o soil pit was dug due of hydrophytic vege	etation and v	vetland hyd	rology.		he Review		wever, hydric	soils were	assumed to be	e present due
Type:	hes):o soil pit was dug due of hydrophytic vege	etation and v	wetland hyd	rology.	ly)	he Review		wever, hydric	soils were econdary I Water Ma	assumed to be ndicators (2 oarks (B1) (Riv	e present due
Type:	hes): o soil pit was dug du o of hydrophytic vege of hydrophytic v	etation and v	wetland hyd	rology. that appl Salt Crus	ly) st (B11)	he Review		wever, hydric	econdary I Water Ma	assumed to be ndicators (2 carks (B1) (Riversells) (B2)	pr more requerine)
Type: Depth (inc emarks: N e presence (DROLOG Vetland Hy Primary Indi Surface High W.	o soil pit was dug due of hydrophytic vege SY rdrology Indicators cators (minimum of Water (A1) ater Table (A2)	etation and v	d; check all	that appl Salt Crus Biotic Cru	ly) st (B11) ust (B12)			wever, hydric	econdary I Water Mater Mater Mater Mater Mater Mater Drift Dep	assumed to be ndicators (2 carks (B1) (Rive t Deposits (B2) osits (B3) (Rive	pr more requierine)
Depth (incommarks: Note presence) DROLOG Vetland Hy Trimary Indi Surface High W. Saturati	hes):o soil pit was dug due of hydrophytic vege of hydrophytic vege of hydrophytic vege of hydrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3)	tation and v	d; check all	that appl Salt Crus Biotic Cru	ly) st (B11) ust (B12) nvertebrat	es (B13)		wever, hydric	econdary I Water Magnetic Sediment Drift Dep	assumed to be ndicators (2 of arks (B1) (Riverse to Deposits (B2) osits (B3) (Riverse to Patterns (B1)	or more requierine) (c) (Riverine) (d) (Riverine)
Type:	hes):o soil pit was dug due of hydrophytic vege of hydroph	tation and v	d; check all X I	that appl Salt Crus Biotic Cru Aquatic I Hydrogei	ly) et (B11) ust (B12) nvertebrat n Sulfide C	es (B13) Odor (C1)	Area. Hov	wever, hydric Se	econdary I Water M: Sedimen Drift Dep Drainage Dry-Seas	assumed to be ndicators (2 of arks (B1) (Riversell) to Deposits (B3) (Riversell) e Patterns (B10 son Water Tab	pr more requierine) (c) (Riverine) (d) (Riverine) (d) (et (C2)
Depth (incommerks: Note presence) DROLOG Vetland Hy Primary Indi Surface High W. Saturati Water Note Sedime	o soil pit was dug due of hydrophytic vege of	tation and v : one required rine) nriverine)	d; check all	that appl Salt Crus Biotic Cru Aquatic I Hydrogel Oxidized	ly) st (B11) ust (B12) nvertebrat n Sulfide C Rhizosph	es (B13) Odor (C1) eres along	Area. Hov	wever, hydric Se	econdary I Water Marge Drift Dep Drainage Dry-Seas Thin Muc	assumed to be ndicators (2 carks (B1) (Riverse to Deposits (B3) (Riverse to Patterns (B10) can Water Tabeck Surface (C7)	pr more requerine) (c) (Riverine) (d) (Riverine) (d) (et (C2)
Type: Depth (inc emarks: N e presence TDROLOG Vetland Hy Primary Indi Surface High W Saturati Water N Sedime Drift De	o soil pit was dug due of hydrophytic vege of	tation and v : one required rine) nriverine)	d; check all	that appl Salt Crus Biotic Cru Aquatic I Hydroger Oxidized Presence	ly) st (B11) ust (B12) nvertebrat n Sulfide C Rhizosph e of Reduc	es (B13) Odor (C1) eres along æd Iron (C	Area. Hov	Se S	econdary I Water Mage Drift Dep Drainage Dry-Seas Thin Muc	assumed to be a summed to be a summed to be a summed to be a summer to be a summe	pr more requerine) (c) (Riverine) (d) (Riverine) (d) (Riverine) (d) (Riverine) (d) (Riverine)
Type: Depth (inc. Depth (inc. Demarks: Note presence TOROLOG Wetland Hy Primary Indi Surface High W. Saturati Water Note Sedime Drift De X Surface	hes): o soil pit was dug due of hydrophytic vege drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (Norive Soil Cracks (B6)	tation and v	d; check all X I I I I I I I I I I I I	that appl Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir	ly) st (B11) ust (B12) nvertebrat n Sulfide C Rhizosph e of Reduc	es (B13) Odor (C1) eres along ced Iron (C	Area. Hov	Se S	econdary I Water Magediment Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio	assumed to be a summed to be a summed to be a summed to be a summer to be a summe	pr more requerine) (c) (Riverine) (d) (Riverine) (d) (Riverine) (d) (Riverine) (d) (Riverine)
Type:	hes): o soil pit was dug due of hydrophytic vege drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (Norive Soil Cracks (B6) ion Visible on Aerial	tation and v	d; check all X I I I I I I I I I I I I	that appl Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir	ly) st (B11) ust (B12) nvertebrat n Sulfide C Rhizosph e of Reduc	es (B13) Odor (C1) eres along ced Iron (C	Area. Hov	Se S	econdary I Water Magediment Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio	assumed to be a summed to be a summed to be a summed to be a summer to be a summe	pr more requirements (c) (Riverine) (c) (Riverine) (d) (C2)
Type:	hes): o soil pit was dug due of hydrophytic vege drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (Norive Soil Cracks (B6)	tation and v	d; check all X U I I I I I I I I I I I I	that appl Salt Crus Biotic Cru Aquatic I Hydroger Oxidized Presence Recent Ir Thin Muc	ly) st (B11) ust (B12) nvertebrat n Sulfide C Rhizosph e of Reduc	es (B13) Odor (C1) eres along ced Iron (C tion in Tille (C7)	Area. Hov	Se S	econdary I Water Manage Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio	assumed to be a summed to be a summed to be a summed to be a summer to be a summe	pr more requirements (c) (Riverine) (c) (Riverine) (d) (C2)
Type: Depth (inc emarks: N e presence "DROLOG Wetland Hy Primary Indi Surface High W Saturati Water N Sedime Drift De X Surface Inundat Water-S	o soil pit was dug due of hydrophytic vege of	tation and v	d; check all X U I I I I I I I I I I I I	that appl Salt Crus Biotic Cru Aquatic I Hydroger Oxidized Presence Recent Ir Thin Muc	ly) st (B11) ust (B12) nvertebrat n Sulfide C Rhizosph e of Reduc	es (B13) Odor (C1) eres along ced Iron (C tion in Tille (C7)	Area. Hov	Se S	econdary I Water Manage Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio	assumed to be a summed to be a summed to be a summed to be a summer to be a summe	pr more requirements (c) (Riverine) (c) (Riverine) (d) (C2)
Type:	hes):	tation and v	d; check all	that appl Salt Crus Biotic Cru Aquatic I Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	ly) st (B11) ust (B12) nvertebrat n Sulfide C Rhizosph e of Reduc ron Reduc ck Surface	es (B13) Odor (C1) eres along ced Iron (C tion in Tille (C7)	Area. Hov	Se S	econdary I Water Manage Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio	assumed to be a summed to be a summed to be a summed to be a summer to be a summe	pr more requirements (c) (Riverine) (c) (Riverine) (d) (C2)
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Project/Site: Southwest Village Specific	Plan		City/Coun	nty: <u>San Dieg</u>	o, CA	_Sampling Date	e: <u>2/27/2020</u>
Applicant/Owner: Pardee Homes					State: CA	_Sampling Poin	t: <u>266</u>
Investigator(s): Beth Procsal and Raqu	el Atik		Section,	Township, R	Range: Section 31, T18S I	R01W	
Landform (hillslope, terrace, etc.): mesa	a top		Local rel	lief (concave	, convex, none): concave	Slo	ope (%): <u>0-2</u>
Subregion (LRR): C - Mediterranean Ca	alifornia	Lat:	32.55307719	61	Long: -117.018346831	Datu	um: NAD83
Soil Map Unit Name: Huerhuero loam,	2 to 9 percent	slopes			NWI classification	on: Depression	
Are climatic / hydrologic conditions on the	he site typical fo	or this time o	f year? Yes	X No	o(If no, explain in	ı Remarks.)	
Are Vegetation X, Soil ,	or Hydrology	signif	icantly disturb	ed? Yes	Are "Normal Circumstance	es" present? Ye	s _ X _ No
Are Vegetation, Soil,	or Hydrology _	natur	ally problema	tic? Yes	(If needed, explain any an	swers in Remarl	ks.)
SUMMARY OF FINDINGS - Attac	h site map s	howing sa	mpling poir	nt locations	s, transects, importan	t features, etc) .
Hydrophytic Vegetation Present?	Yes X	No		ha Camuulad	A		
Hydric Soil Present?	Yes X	No		he Sampled hin a Wetlan	Yes	X No	
Wetland Hydrology Present?	Yes X	No	_		-		
Remarks: The majority of the vegetati meets the wetland criteria. VEGETATION – Use scientific na			arbed due to	past land use	as. This leature was samp	led ddillig tile gi	
		Absolute	Dominant	Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Sp		
2. <i>none</i>					That Are OBL, FACW, o	•	(A)
3					Total Number of Domini Species Across All Stra		2 (B)
4.					Percent of Dominant Sp		2 (B)
			= Total Cove	er	That Are OBL, FACW, o	or FAC:	100.0 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none					Prevalence Index work	ksheet:	
2.					Total % Cover of:	Mult	tiply by:
3					OBL species1	x 1 =	1
4					FACW species53	x 2 =	106
5					FAC species30		90
	,		= Total Cove	er	FACU species	x 4 =	0
Herb Stratum (Plot size:)	00	V	E40	UPL species	x 5 =	0(P)
1. Rumex crispus			Yes No	FAC	Column Totals: 84	(A)	197 (B)
Spergularia bocconi Hordeum depressum		- 2 40	Yes	FACW FACW	Prevalence Inde	x = B/A = 2.35	
4. Eleocharis macrostachya		10	No	FACW	Hydrophytic Vegetation	n Indicators:	
5. Lythrum hyssopifolia		- - 10 - 1	No	OBL	X Dominance Test		
6. Festuca perennis		10	No	FAC	X Prevalence Index		
7					Morphological Ad		vide supporting
8.					· ·	rks or on a separ	11 0
		84	= Total Cov	ver	Problematic Hydr	ophytic Vegetati	ion¹ (Explain)
Woody Vine Stratum (Plot size:)					, , ,	· · /
1. none					¹ Indicators of hydric so		
2.					be present, unless dist	urbed or probler	matic.
			= Total Cove	er	Hydrophytic		
% Bare Ground in Herb Stratum	16 % C	over of Pietic	Cruot	0	Vegetation Present?	V N	No.
		over of Biotic			Fleseiit: 1	es X N	No
Remarks: No ACOE vernal pool plant i	ndicator specie	es were prese	ent within the I	dasin.			

Depth (inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	
			` ,							
				_						
					·					
				_						
				-						
	ncentration, D=Depletion		-			ıs. 'L			C=Root Channel, M=N	
_	Indicators: (Applic	able to all L							ematic Hydric Soi	is":
_Histosol	` '			Redox (S5)				Muck (A9) (•	
_	oipedon (A2)			d Matrix (S	,			Muck (A10)		
	istic (A3) en Sulfide (A4)			Mucky Min Gleyed Ma	` '			ed Vertic (F arent Mate	,	
_ , ,	d Layers (A5) (LRR (-)		ed Matrix (F				arent Matei (Explain in	, ,	
	uck (A9) (LRR D)	•)		Dark Surfa			_X_Other	(Explain III	ixemaiks)	
	d Below Dark Surfac	Δ (Δ11)		ed Dark Su	` '					
	ark Surface (A12)	O (/ () /)		Depression			3Indicators	of hydronh	ytic vegetation and	4
	Mucky Mineral (S1)			Pools (F9)	15 (1 5)				must be present,	•
_ ′	Gleyed Matrix (S4)			. 55.5 (. 5)					or problematic.	
	Layer (if present):								<u>'</u>	
	Layer (ii present).									
Туре:							Libratula Ordino		V V	1.
Type: Depth (included) emarks: N				outside of t	he Review		Hydric Soil Pr vever, hydric s			ent due
Type: Depth (incl emarks: N e presence	hes):o soil pit was dug du e of hydrophytic vege			outside of t	he Review		,			
Type:	hes): o soil pit was dug du e of hydrophytic vege	tation and w		outside of t	he Review		wever, hydric s	oils were a	ssumed to be pres	ent due
Type: Depth (inclemarks: Ne presence) DROLOG Vetland Hy	hes): o soil pit was dug du e of hydrophytic vege SY rdrology Indicators	tation and w	etland hydrology.		he Review		wever, hydric s	coils were a	ssumed to be pres	ent due
Type:	hes):o soil pit was dug du e of hydrophytic vege GY rdrology Indicators: cators (minimum of c	tation and w	etland hydrology.	oly)	he Review		wever, hydric s	condary In Water Mar	ssumed to be pres	ent due
Type:	hes):o soil pit was dug du e of hydrophytic vege	tation and w	etland hydrology. ; check all that app	oly) st (B11)	he Review		wever, hydric s	condary In Water Mar	ssumed to be pres	ent due
Type:	o soil pit was dug du e of hydrophytic vege by vdrology Indicators: cators (minimum of o Water (A1)	tation and w	; check all that app Salt Cru Slotic C	oly) sst (B11) rust (B12)			vever, hydric s	condary In Water Mar Sediment Drift Depo	ssumed to be pres	ent due
Type: Depth (inclemarks: Nate presence) TDROLOG Vetland Hy Primary Indi Surface High Wa Saturati	o soil pit was dug du e of hydrophytic vege by rdrology Indicators cators (minimum of o Water (A1) ater Table (A2) on (A3)	tation and w	; check all that app Salt Cru X Biotic C X Aquatic	oly) st (B11) rust (B12) Invertebrate	es (B13)		vever, hydric s	condary In Water Mai Sediment Drift Depo	ssumed to be pres	re requi
Type:	hes):o soil pit was dug du e of hydrophytic vege of hydrophytic vege of hydrophytic vege of hydrophytic vege of hydrology Indicators: cators (minimum of of Water (A1) ater Table (A2) on (A3)	tation and w	; check all that app Salt Cru Slotic C Aquatic Hydroge	oly) st (B11) rust (B12) Invertebrati en Sulfide C	es (B13) Odor (C1)	/ Area. How	see See	condary In Water Mar Sediment Drift Depo Drainage I	ssumed to be presided and icators (2 or morks (B1) (Riverine) Deposits (B2) (Riverine) Sits (B3) (Riverine) Patterns (B10) On Water Table (C2)	re requi
Type:	o soil pit was dug du e of hydrophytic vege drology Indicators: cators (minimum of of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (No	tation and w cone required cine) nriverine)	; check all that app Salt Cru X Biotic C X Aquatic Hydroge Oxidized	oly) est (B11) rust (B12) Invertebrate en Sulfide C d Rhizosphe	es (B13) Odor (C1) eres along	Area. How	see See	condary In Water Mar Sediment Drift Depo Drainage I Dry-Seasc	ssumed to be presided and to be presided at the presided at th	re requi
Type: Depth (inclemarks: Nate presence) TOROLOG Vetland Hy Primary Indi Surface High Water Nate Nate Nate Nate Nate Nate Nate Nate	o soil pit was dug due of hydrophytic vege of	tation and w cone required cine) nriverine)	; check all that app Salt Cru X Biotic C X Aquatic Hydroge Oxidizer Presence	oly) Ist (B11) rust (B12) Invertebrate en Sulfide C d Rhizosphe e of Reduc	es (B13) Odor (C1) eres along æd Iron (C	Area. How	See See State Control of the Control	condary In Water Mar Sediment Drift Depo Drainage I Dry-Seaso Thin Muck Crayfish B	dicators (2 or mo rks (B1) (Riverine) Deposits (B2) (Riv sits (B3) (Riverine) Patterns (B10) on Water Table (C2 & Surface (C7) Burrows (C8)	re requirerine)
Type: Depth (incl emarks: N ne presence DROLOG Wetland Hy Primary Indi Surface High Water N Sedime Drift De X Surface	o soil pit was dug due of hydrophytic veger of hydr	tation and w	; check all that app Salt Cru X Biotic C X Aquatic Hydroge Oxidizer Presence Recent	oly) st (B11) rust (B12) Invertebrate en Sulfide C d Rhizosphe ee of Reduc	es (B13) Odor (C1) eres along eed Iron (C	Area. How	See See State Control of the Control	condary In Water Mar Sediment Drift Depo Drainage I Dry-Seaso Thin Muck Crayfish B Saturation	ssumed to be presided and icators (2 or morks (B1) (Riverine) Deposits (B2) (Riverine) Patterns (B10) On Water Table (C2) Surrows (C8) I Visible on Aerial II	re requierine)
Type:	hes): o soil pit was dug du e of hydrophytic vege drology Indicators cators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial	tation and w	; check all that app Salt Cru X Biotic C X Aquatic Hydroge Oxidizer Presence Recent Thin Mu	oly) st (B11) rust (B12) Invertebrate en Sulfide C d Rhizosphe e of Reduct fron Reduct ck Surface	es (B13) Odor (C1) eres along ed Iron (C tion in Tille (C7)	Area. How	See See State Control of the Control	condary In Water Mar Sediment Drift Depo Drainage I Dry-Seasc Thin Muck Crayfish B Saturation Shallow Ar	ssumed to be presided and to be presided at the presided at th	re requierine)
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Type: Depth (inclemarks: Nate presence) TOROLOG Vetland Hy Primary Indi Surface High Water Nate of N	o soil pit was dug due of hydrophytic vege of	tation and w	; check all that app Salt Cru X Biotic C X Aquatic Hydroge Oxidizer Presence Recent Thin Mu	oly) st (B11) rust (B12) Invertebrate en Sulfide C d Rhizosphe e of Reduct fron Reduct ck Surface	es (B13) Odor (C1) eres along ed Iron (C tion in Tille (C7)	Area. How	See See State Control of the Control	condary In Water Mar Sediment Drift Depo Drainage I Dry-Seasc Thin Muck Crayfish B Saturation Shallow Ar	ssumed to be presided and to be presided at the presided at th	re requierine)
Type: Depth (incl demarks: N ne presence "DROLOG Wetland Hy Primary Indi Surface High Water N Sedime Drift De X Surface Inundat Water-S ield Obser	hes): o soil pit was dug due of hydrophytic vege drology Indicators: cators (minimum of of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial of Stained Leaves (B9) vations:	tation and w	; check all that app Salt Cru X Biotic C X Aquatic Hydroge Oxidizer Presence Recent Thin Mu	oly) Ist (B11) Invertebrate Inv	es (B13) Odor (C1) eres along ed Iron (C tion in Tille (C7)	Area. How	See See State Control of the Control	condary In Water Mar Sediment Drift Depo Drainage I Dry-Seasc Thin Muck Crayfish B Saturation Shallow Ar	ssumed to be presided and to be presided at the presided at th	re requi
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Project/Site: Southwest Village Specific Plan		City/Coun	ty: San Dieg	o, CA Sampling Date: 2/27/2020
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 267
Investigator(s): Beth Procsal and Raquel Atik		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 2.553438767	79	Long: -117.018349023 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: Depression
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)
				Are "Normal Circumstances" present? Yes X No
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes X	No			
Hydric Soil Present? Yes X	No		ne Sampled . nin a Wetland	YAS X NO
Wetland Hydrology Present? Yes X	No		iii a vvetiaii	u:
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		rbed due to p	past land use	es. This feature was sampled during the growing season and
VEGETATION – Ose scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1. none	% Cover		Status	Number of Dominant Species
2.				That Are OBL, FACW, or FAC: 2 (A) Total Number of Dominant
3				Species Across All Strata: 2 (B)
4		= Total Cove	er	Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species x 1 =0
4				FACW species 40 x 2 = 80
5				FAC species10 x 3 =30
		= Total Cove	er	FACU species x 4 =0
Herb Stratum (Plot size:)	40		=.0	UPL species
1. Hordeum depressum	40	Yes	FACW	Column Totals: (A) (B)
2. Festuca perennis 3.	10	Yes	FAC	Prevalence Index = B/A = <u>2.20</u>
4.				Hydrophytic Vegetation Indicators:
5.				_X Dominance Test is >50%
6				_X Prevalence Index is ≤3.0¹
7. 8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
	50	= Total Cov	er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:			·.	Troblemation ydrophytic vegetation (Explain)
1none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2				<u> </u>
0/ Para Cround in Harb Stratum 46 0/ Co		= Total Cove		Hydrophytic Vegetation
	ver of Biotic		0	Present? Yes X No No
Remarks: No ACOE vernal pool plant indicator species	were preser	nt within the b	oasın.	

SOIL Sampling Point: 267_____

	Matrix								
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks
1Type: C=Con	centration, D=Depletion	RM=Reduced	d Matrix CS=Cove	red or Coated 9	Sand Grains	21	ocation: PI =P	ore Lining RC=	=Root Channel, M=Matrix
	Indicators: (Applica					j. L			matic Hydric Soils ³ :
-		ible to all El			4.,			Muck (A9) (L	•
Histosol	` '			/ Redox (S5)	2)			` , `	,
	ipedon (A2)			ed Matrix (S6				Muck (A10) (·
Black His	, ,			y Mucky Mine				ced Vertic (F	·
	n Sulfide (A4)			y Gleyed Mat				Parent Materia	` '
	Layers (A5) (LRR C	5)		ted Matrix (F	,		_X_Other	(Explain in R	Remarks)
	ck (A9) (LRR D)			Control Dark Surface	` '				
	Below Dark Surface	e (A11)		ted Dark Surf	. ,		0		
	rk Surface (A12)			c Depressions	s (F8)				tic vegetation and
	ucky Mineral (S1)		Verna	l Pools (F9)					must be present,
Sandy G	leyed Matrix (S4)						unless	disturbed or	problematic.
	ayer (if present):								
Restrictive L									
Restrictive L Type:									
Type: Depth (inch Remarks: No	-				e Review		Hydric Soil P		Yes X No sumed to be present of
Type: Depth (inch Remarks: No	soil pit was dug due				e Review				
Type: Depth (inch Remarks: No the presence	o soil pit was dug due of hydrophytic veget				e Review				
Type:	o soil pit was dug due of hydrophytic veget	ation and we			e Review		vever, hydric	soils were as	
Type: Depth (inch Remarks: No the presence	o soil pit was dug due of hydrophytic veget	ation and we	etland hydrology.		e Review		vever, hydric	soils were as	sumed to be present o
Type: Depth (inch Remarks: No the presence IYDROLOG Wetland Hyd Primary India	o soil pit was dug due of hydrophytic veget Y drology Indicators: eators (minimum of o	ation and we	etland hydrology.	ply)	e Review		vever, hydric	soils were as econdary Ind Water Mark	sumed to be present of
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Type: Depth (inch Remarks: No the presence HYDROLOG Wetland Hyd Primary Indio Surface High Water M Sedimer Drift Dep X Surface Inundatio Water-S Field Observ Surface Water Saturation Pro (includes cap) Describe Reco	y drology Indicators: cators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriver at Deposits (B2) (Non posits (B3) (Nonriver to Deposits (B6) on Visible on Aerial II tained Leaves (B9) rations: or Present? Y Present? Y esent? Y illary fringe) orded Data (stream g	ne required; ne required; ne) nriverine) magery (B7) es N es N auge, monito	check all that ap Salt Cri X Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mi Other (No X Depth (in No	ust (B11) Crust (B12) c Invertebrate len Sulfide Oc ed Rhizosphe ice of Reduce iron Reducti luck Surface (Explain in Re inches): inches): inches): inches):	s (B13) dor (C1) res along ed Iron (C2 on in Tilled C7) emarks)	Living Root Area. How Soils (C6) Wetlar ctions), if a	sever, hydric se	econdary Ind Water Mark Sediment D Drift Depos Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N Shallow Aq FAC-Neutra	sumed to be present of the second sec
Type: Depth (inch Remarks: Nothe presence HYDROLOG Wetland Hyde Primary India Surface High Water M Sedimer Drift Dep X Surface Inundatio Water-S Field Observ Surface Water Table I Saturation Pr (includes cap Describe Reco	y drology Indicators: cators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriver at Deposits (B2) (Non posits (B3) (Nonriver to Deposits (B6) on Visible on Aerial II tained Leaves (B9) rations: or Present? Y Present? Y esent? Y illary fringe) orded Data (stream g	ne required; ne required; ne) nriverine) magery (B7) es N es N auge, monito	check all that ap Salt Cri X Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mi Other (No X Depth (in No	ust (B11) Crust (B12) c Invertebrate len Sulfide Oc ed Rhizosphe lice of Reduce Iron Reducti luck Surface (Explain in Re linches): linches): linches): linches):	s (B13) dor (C1) res along ed Iron (C4 on in Tilled C7) emarks) ous inspec	Living Roo Area. How Living Roo Coo Wetlar Cotions), if a	sever, hydric se	econdary Ind Water Mark Sediment D Drift Depos Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N Shallow Aq FAC-Neutra	sumed to be present of the second of the sec

Project/Site: Southwest Village Specific Plan Project		City/C	ounty:San I	Diego)	Sam	npling Date	e:2/27/2020
Applicant/Owner: Pardee Homes					State:CA		pling Poin	
Investigator(s): Beth Procsal and Raquel Atik		Section	n, Township	p, Ran	ge:Section 31, T	—— 18S R01V	V	
Landform (hillslope, terrace, etc.): mesa top					onvex, none):conc			Slope (%):0-2
Subregion (LRR):C - Mediterranean California	Lat:32.5				Long:-117.01850			atum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slo						assification		
Are climatic / hydrologic conditions on the site typical for this		ear? Y	es 🕟	No (
	gnificantly				Normal Circumstan		,	No (
	aturally pro				eded, explain any a	-		_
SUMMARY OF FINDINGS - Attach site map s				•	•		·	
Hydrophytic Vegetation Present? Yes (No								
	Ŏ		Is the Sam	npled	Area			
Wetland Hydrology Present? Yes No			within a W	Vet l an	d? Yes	•	No 🔘	
Remarks: The majority of the vegetation on the site has general, has been altered due to off-road act problematic due to the seasonality of their pand early spring months each year.	ivity. Th	ie veg	etation and	d hydi	rology of the seas	sonal dep	ressions/	vernal pools are
VEGETATION								
	Absolute		nant Indica		Dominance Test	workshee	t:	
	% Cover	Spec			Number of Domin			(0)
1. None 2.			<u>▼</u>		That Are OBL, FA	CVV, or FA	.C:	2 (A)
3.			<u> </u>		Total Number of D Species Across A			2 (B)
4.					·			2 (B)
Total Cover:	%				Percent of Domin That Are OBL, FA		_	00.0 % (A/B)
Sapling/Shrub Stratum			_				•	00.0 % (**=)
1.None					Prevalence Index			inly by:
2			<u> </u>		Total % Cove	1	x 1 =	iply by:
4.		-	▼		FACW species	42	x 2 =	84
5.					FAC species	10	x 3 =	30
Total Cover:	%				FACU species	10	x 4 =	0
Herb Stratum					UPL species		x 5 =	0
1. Lythrum hyssopifolia	1	No	OBL		Column Totals:	53	(A)	115 (B)
2. Spergularia bocconi	1	No	FACW		Prevalence	Indox - P/	Λ -	2.17
3. Psilocarphus brevissimus	1	No	FACW		Hydrophytic Veg			2.17
4. Hordeum depressum	40	Yes	FACW		Dominance T			
5. Festuca perennis 6.	10	Yes	FAC		× Prevalence Ir			
7.			<u>▼</u>					de supporting
8.						marks or o	-	·
Total Cover:	53 %	-			Problematic I	Hydrophytic	Vegetation	on¹ (Exp l ain)
Woody Vine Stratum	25 70				1			
1. <i>None</i>					¹ Indicators of hyd be present.	Iric soil and	d wetland	hydrology must
2					· .			
Total Cover:	%				Hydrophytic Vegetation			
% Bare Ground in Herb Stratum 47 % Cover	of Biotic C	Crust _	%		Present?	Yes 📵	No	0
Remarks: Sample area is a vernal pool that receives			•					
pool consisting predominately of hydrophy (Psilocarphus brevissimus).	ync vege	nation	, it does su	ıppor	one vernai pool	piant ind	icator spe	ccies

Depth	Matrix		Redo	x Features	S			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	_Loc ²	Texture ³	Remarks
					_			
						\blacksquare		
		·						
					T			
						\blacksquare		
¹ Type: C=C	oncentration, D=Dep	letion, RM	=Reduced Matrix.	² Location	n: PL=Pore	Lining, RC	=Root Channel, I	M=Matrix.
³ Soil Texture	es: Clay, Silty Clay, S	Sandy C l ay	, Loam, Sandy Clay	Loam, Sa	ndy Loam	, Clay Loam	i, Silty Clay Loam	n, Silt Loam, Silt, Loamy Sand, Sand <mark>.</mark>
Hydric Soil I	ndicators: (Applicab	le to all LR	Rs, unless otherwis	e noted.)			Indicators for F	Problematic Hydric Soils⁴:
Histosol	I (A1)		Sandy Redo	ox (S5)			1 cm Muck	(A9) (LRR C)
Histic E	pipedon (A2)		Stripped M	atrix (S6)			2 cm Mucl	(A10) (LRR B)
	istic (A3)		Loamy Mu	•	. ,			Vertic (F18)
	en Sulfide (A4)		Loamy Gle	-	(F2)			nt Material (TF2)
	d Layers (A5) (LRR (C)	Depleted N	. ,			★ Other (Exp.)	olain in Remarks)
	uck (A9) (LRR D)	(* 44)	Redox Dar		` '			
	d Below Dark Surface	e (A11)	Depleted D					
	ark Surface (A12) Mucky Mineral (S1)		Redox Dep Vernal Poo		F8)		4Indicators of b	ydrophytic vegetation and
	Gleyed Matrix (S4)		veillai Foc)IS (F8)				drology must be present.
	Layer (if present):						wettand nyc	arology must be present.
	Layer (II present).							
Type:								
Depth (in							Hydric Soil Pre	
Remarks: H	uerhuero loam soi	series is	on the Hydric So					
								the Natural Resource
C	onservation Servic	e (NRCS	; 2020). No soil p	it was du	g due to t	he sample	point being a p	potential vernal pool and may
C su	onservation Servic apport a listed fairy	e (NRCS shrimp s	; 2020). No soil p	it was du	g due to t	he sample	point being a p	potential vernal pool and may resence of hydrophytic vegetatio
C su ar	onservation Servic apport a listed fairy ad wetland hydrolo	e (NRCS shrimp s	; 2020). No soil p	it was du	g due to t	he sample	point being a p	potential vernal pool and may resence of hydrophytic vegetatio
C su ar HYDROLO	onservation Servic apport a listed fairy ad wetland hydrolo OGY	e (NRCS shrimp s	; 2020). No soil p	it was du	g due to t	he sample	point being a pent due to the pr	potential vernal pool and may resence of hydrophytic vegetatio
C su ar HYDROLO	onservation Servic apport a listed fairy ad wetland hydrolo	e (NRCS shrimp s	; 2020). No soil p	it was du	g due to t	he sample	point being a pent due to the pr	potential vernal pool and may resence of hydrophytic vegetatio
C st ar HYDROLO Wetland Hy	onservation Servic apport a listed fairy ad wetland hydrolo OGY	e (NRCS / shrimp s	; 2020). No soil p	it was du	g due to t	he sample	epoint being a pent due to the property Secondar	potential vernal pool and may resence of hydrophytic vegetatio
C su ar HYDROLO Wetland Hy Primary India	onservation Servic apport a listed fairy ad wetland hydrolo OGY drology Indicators:	e (NRCS / shrimp s	; 2020). No soil p	it was du ils were a	g due to t	he sample	epoint being a pent due to the property of the	potential vernal pool and may resence of hydrophytic vegetatio
C St ar HYDROLO Wetland Hy Primary India Surface	onservation Service upport a listed fairy and wetland hydrology of drology Indicators: cators (any one indicators)	e (NRCS / shrimp s	; 2020). No soil properties. Hydric so	it was du ils were a	g due to t	he sample	spoint being a pent due to the property of the	potential vernal pool and may resence of hydrophytic vegetation by Indicators (2 or more required) r Marks (B1) (Riverine)
ATTOROLO Wetland Hy Primary India Surface High Wa	onservation Service upport a listed fairy and wetland hydrolo OGY drology Indicators: cators (any one indicators) Water (A1) ater Table (A2)	e (NRCS / shrimp s	; 2020). No soil properties. Hydric so	it was du ils were a	g due to t assumed t	he sample	Secondar Wate	potential vernal pool and may resence of hydrophytic vegetation by Indicators (2 or more required) r Marks (B1) (Riverine) ment Deposits (B2) (Riverine)
C Su ar HYDROLO Wetland Hy Primary India Surface High Wa Saturati	onservation Service upport a listed fairy and wetland hydrolo OGY drology Indicators: cators (any one indicators) Water (A1) ater Table (A2)	ee (NRCS / shrimp s nov ator is suffi	; 2020). No soil p species. Hydric so icient) Salt Crust Biotic Cru Aquatic Ir	it was du ills were a t (B11) est (B12)	es (B13)	he sample	Secondar Secondar Sedir Drift I	potential vernal pool and may resence of hydrophytic vegetatio y Indicators (2 or more required) r Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine)
C St ar AYDROLO Wetland Hy Primary India Surface High Wa Saturati Water M	onservation Service apport a listed fairy and wetland hydrole DGY drology Indicators: cators (any one indicators (A1) ater Table (A2) on (A3)	ee (NRCS / shrimp s / shrimp s / show ator is suffi	; 2020). No soil p species. Hydric so icient) Salt Crusi Biotic Cru Aquatic Ir	ait was du hils were a t (B11) ast (B12) avertebrate Sulfide O	es (B13)	he sample	Secondar Secondar Sedir Drift Drain	potential vernal pool and may resence of hydrophytic vegetation by Indicators (2 or more required) or Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10)
ATTOROLO Wetland Hy Primary India Surface High Wa Saturati Water M Sedime	onservation Service apport a listed fairy and wetland hydrology and declarations: cators (any one indicators: Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverial positions)	ee (NRCS / shrimp s	; 2020). No soil prepecies. Hydric so	it was du ils were a t (B11) ast (B12) avertebrate a Sulfide O Rhizosphe	es (B13)	the sample to be present	Secondar Secondar Wate Drift Dry-S (C3) Thin	potential vernal pool and may resence of hydrophytic vegetation by Indicators (2 or more required) or Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Season Water Table (C2)
ATTOROLO Wetland Hy Primary India Surface High Water M Saturati Water M Sedime	onservation Service support a listed fairy and wetland hydrolo OGY drology Indicators: cators (any one indicators) Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriveriant Deposits (B2) (Noriveriant Deposit	ee (NRCS / shrimp s	; 2020). No soil preperies. Hydric so	it was du ils were a t (B11) list (B12) avertebrate Sulfide O Rhizosphe of Reduce	es (B13) dor (C1) eres along led Iron (C4	the sample to be present	Secondar Wate Sedir Drain Dry-S S (C3) Thin Crayl	potential vernal pool and may resence of hydrophytic vegetation by Indicators (2 or more required) or Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Season Water Table (C2) Muck Surface (C7)
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ATT SUPPORT OF SUPPORT	onservation Service apport a listed fairy and wetland hydrold of the desired fairy and wetland hydrold of the desired fairy and wetland hydrold of the desired fair fair fair fair fair fair fair fair	ine) magery (B	; 2020). No soil properies. Hydric so	it was durils were at (B11) ast (B12) avertebrate of Reduce on Reduction plain in Researches):	es (B13) dor (C1) eres along (C4) ion in Plow	Living Roots) ed Soils (Co	Secondar Wate Sedir Drift Drain Crayt Satur Shall FAC-	potential vernal pool and may resence of hydrophytic vegetation by Indicators (2 or more required) or Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) mage Patterns (B10) mage Patterns (B10) mage Patterns (C2) muck Surface (C7) muck Surface (C7) muck Surface (C8) mation Visible on Aerial Imagery (C9) ow Aquitard (D3) Meutral Test (D5)
Art	onservation Service apport a listed fairy and wetland hydrole of GY drology Indicators: cators (any one indicators) Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverint Deposits (B2) (Nonriverint Deposits (B3) (Nonriverint Deposits (B6) (Nonriverint Deposit	ee (NRCS / shrimp s /	; 2020). No soil properies. Hydric so	it was du ils were a t (B11) st (B12) evertebrate Sulfide O Rhizosphe of Reduce on Reducti plain in Re enches): enches): enches):	es (B13) dor (C1) eres along (C4) ion in Plow emarks)	Living Roots) ed Soils (Co	Secondar Secondar Wate Sedir Drain Dry-S S (C3) Thin Crayt Shall FAC-	resence of hydrophytic vegetation y Indicators (2 or more required) r Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) hage Patterns (B10) Season Water Table (C2) Muck Surface (C7) fish Burrows (C8) ration Visible on Aerial Imagery (C9) ow Aquitard (D3) Neutral Test (D5)
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Wetland Hy Primary India Surface High Wa Saturati Water M Sedimel Surface Inundati Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Re	onservation Service apport a listed fairy and wetland hydrold of the desired fairy and wetland hydrold of the desired fairy and wetland hydrold of the desired fair fair fair fair fair fair fair fair	ee (NRCS / shrimp s /	; 2020). No soil properies. Hydric so	it was du ils were a t (B11) list (B12) livertebrate s Sulfide O Rhizosphe of Reduce on Reducti plain in Re inches): inches): inches): inches, pr	es (B13) dor (C1) eres along l ed Iron (C4 ion in Plow emarks) 1 0 revious insp	Living Roots) ed Soils (Co	Secondar Wate Sedir Drift Drain Cray(6) Satur Shall FAC-	potential vernal pool and may resence of hydrophytic vegetation by Indicators (2 or more required) or Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) fish Burrows (C8) reation Visible on Aerial Imagery (C9) ow Aquitard (D3) Neutral Test (D5)
Wetland Hy Primary India Surface High Wa Saturati Water M Sedimel Surface Inundati Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Re	onservation Service apport a listed fairy and wetland hydrology Indicators: cators (any one indicators (any one indicators) water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver int Deposits (B2) (Nonriver Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) vations: ter Present? Yeresent?	ee (NRCS / shrimp s /	; 2020). No soil properies. Hydric so	it was du ils were a t (B11) list (B12) livertebrate s Sulfide O Rhizosphe of Reduce on Reducti plain in Re inches): inches): inches): inches, pr	es (B13) dor (C1) eres along l ed Iron (C4 ion in Plow emarks) 1 0 revious insp	Living Roots) ed Soils (Co	Secondar Wate Sedir Drift Drain Cray(6) Satur Shall FAC-	potential vernal pool and may resence of hydrophytic vegetation by Indicators (2 or more required) or Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) fish Burrows (C8) reation Visible on Aerial Imagery (C9) ow Aquitard (D3) Neutral Test (D5)
Wetland Hy Primary India Surface High Wa Saturati Water M Sedimel Surface Inundati Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Re	onservation Service apport a listed fairy and wetland hydrold of the desired fairy and wetland hydrold of the desired fairy and wetland hydrold of the desired fair fair fair fair fair fair fair fair	ee (NRCS / shrimp s /	; 2020). No soil properies. Hydric so	it was du ils were a t (B11) list (B12) livertebrate s Sulfide O Rhizosphe of Reduce on Reducti plain in Re inches): inches): inches): inches, pr	es (B13) dor (C1) eres along l ed Iron (C4 ion in Plow emarks) 1 0 revious insp	Living Roots) ed Soils (Co	Secondar Wate Sedir Drift Drain Cray(6) Satur Shall FAC-	potential vernal pool and may resence of hydrophytic vegetation by Indicators (2 or more required) or Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) mage Patterns (B10) mage Patterns (B10) mage Patterns (C2) muck Surface (C7) muck Surface (C7) muck Surface (C8) mation Visible on Aerial Imagery (C9) ow Aquitard (D3) Meutral Test (D5)
Wetland Hy Primary India Surface High Wa Saturati Water M Sedimel Surface Inundati Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Re	onservation Service apport a listed fairy and wetland hydrold of the desired fairy and wetland hydrold of the desired fairy and wetland hydrold of the desired fair fair fair fair fair fair fair fair	ee (NRCS / shrimp s /	; 2020). No soil properies. Hydric so	it was du ils were a t (B11) list (B12) livertebrate s Sulfide O Rhizosphe of Reduce on Reducti plain in Re inches): inches): inches): inches, pr	es (B13) dor (C1) eres along l ed Iron (C4 ion in Plow emarks) 1 0 revious insp	Living Roots) ed Soils (Co	Secondar Wate Sedir Drift Drain Cray(6) Satur Shall FAC-	potential vernal pool and may resence of hydrophytic vegetation by Indicators (2 or more required) or Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) fish Burrows (C8) reation Visible on Aerial Imagery (C9) ow Aquitard (D3) Neutral Test (D5)

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	o Sampling Date: 3.3.20
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 272
Investigator(s): Andrew Smisek, Katy Chappaz		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		 Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55818202 ⁻	16	Long: -117.029092653 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl				NWI classification: None
Are climatic / hydrologic conditions on the site typical for		vear? Yes	X No	(If no, explain in Remarks.)
Are Vegetation X, Soil, or Hydrology		-		Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	owing sa	mpling poir	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	No			_
Hydric Soil Present? Yes	No X		he Sampled <i>i</i> hin a Wetland	Yes NO X
Wetland Hydrology Present? Yes X	No	witi	iiii a vvetiaiii	ur ———
Remarks: The majority of the vegetation on the site ha	s been distu	urbed due to i	past land use	ss. Vegetation is not strongly hydrophytic and no hydric soils
were observed. Sampled area is not a wetland	J J J J J J J J J J J J J J J J J J J		p a o t 1 a . 1 a . 0 o	o. v ogotanovi io not on ongoj nijanoprijate ana no nijano odno
VEGETATION – Use scientific names of plants		.	1 2 4	Denvisore Test weeks to st
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none				Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 3 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC: 67 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species1 x 1 =1
4				FACW species6 x 2 =12
5				FAC species 1 x 3 = 3
Hart Otatana (District		= Total Cove	er	FACU species 8 x 4 = 32
Herb Stratum (Plot size:)	2	V	EA C) A /	UPL species 1 x 5 = 5 Column Totals: 17 (A) 53 (B)
Plantago elongata Juncus bufonius	3	Yes Yes	FACW FACW	Column Totals:17
3. Crassula aquatica	1	No No	OBL	Prevalence Index = B/A = 3.12
4. Deinandra fasciculata	5	Yes	FACU	Hydrophytic Vegetation Indicators:
5. Lysimachia arvensis		No	FAC	X Dominance Test is >50%
6. Erodium botrys	1	No	FACU	Prevalence Index is ≤3.0¹
7. Bromus madritensis	1	No	UPL	Morphological Adaptations ¹ (Provide supporting
8. Festuca myuros	2	No	FACU	data in Remarks or on a separate sheet)
	17	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:				
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
W Pero Cround in Harb Street		Cmust		Vegetation
	er of Biotic			Present? Yes X No
Remarks: Sample area is a vernal pool that receives rule predominance of hydrophytic vegetation. It also supports				
prodominance of hydrophytic vegetation. It also supports	S LVVO VOITIG	i pooi piantin	aroator specif	oo (, lantago olongata ana Orassala aqualloa).

	Matrix		R	edox Feature	es		he absence o			
	Color (moist)	% C	olor (moist)		Type ¹	Loc ²	Texture		Remar	ks
	10YR 3/2	100					Sandy Loan	<u> </u>		
0.5-4	10YR 3/3	100					Sandy Loan	1		
4-6	10YR 3/2	100					Clay	- '		
							·			
								_		
·				·						
	centration, D=Depletion					² L			=Root Channel,	
•	Indicators: (Applica	able to all LRRs	•		.)				matic Hydric	Soils ³ :
Histosol	` '			Redox (S5)				Иuck (A9) (I	•	
	ipedon (A2)			d Matrix (S6) Mucky Mine				Muck (A10) ed Vertic (F		
Black His	n Sulfide (A4)			Gleyed Matr				arent Mater	•	
	Layers (A5) (LRR 0	2)		ed Matrix (F3	. ,			(Explain in I		
	ck (A9) (LRR D)	• /		Dark Surface	•			(Explain iii i	torriarito)	
	Below Dark Surface	e (A11)		ed Dark Surfa	. ,					
Thick Da	rk Surface (A12)	, ,	Redox	Depressions	(F8)		³ Indicators	of hydroph	ytic vegetation	and
	lucky Mineral (S1)		Vernal	Pools (F9)			wetland	d hydrology	must be prese	ent,
Sandy G	leyed Matrix (S4)						unless	disturbed o	r problematic.	
Restrictive L	ayer (if present):									
Type: Sho	ovel Refusal									
Depth (inch	nes): 6						Hydric Soil Pr	esent?	Yes	No X
IVDBOL OC	·V									
HYDROLOG	drology Indicators:						So	condary In	dicators (2 or	more requi
-	cators (minimum of c		eck all that ann	lv)			<u>56</u>		ks (B1) (River	
	Water (A1)	nio roquirou, orio	Salt Crus	-				•	Deposits (B2) (-
	iter Table (A2)		X Biotic Cr	,				-	sits (B3) (Rive i	•
Saturation	, ,			nvertebrates	s (B13)				Patterns (B10)	·····•)
	arks (B1) (Nonriver	ine)		n Sulfide Od	, ,			-	n Water Table	(C2)
	nt Deposits (B2) (No	•		Rhizospher		vina Roc	ots (C3)	- 1	Surface (C7)	(02)
_	posits (B3) (Nonrive	· ·		e of Reduce	_			-	urrows (C8)	
	Soil Cracks (B6)	,		ron Reduction	, ,	Soils (C6	<u>—</u>	•	Visible on Aer	ial Imagery (
	on Visible on Aerial I	magery (B7)		ck Surface (0		(-	quitard (D3)	3 7 (
_	tained Leaves (B9)	3 , ()		xplain in Rer	-			-	al Test (D5)	
Inundation			•							
Inundation	vations:			shoo):						
Inundation		es No	X Depth (inc	iles).						
Inundation Water-St	er Present? Y	es No_				'				
Inundation Water-St Field Observ Surface Wate Water Table F	er Present? Y Present? Y	es No_	X Depth (inc	ches):		Wetla	nd Hydrology	/ Present?	Yes X	No
Inundation Water-St Field Observ Surface Wate	er Present? Y Present? Y esent? Y		X Depth (inc	ches):		Wetla	nd Hydrology	/ Present?	Yes X	No
Inundation Water-Si Field Observ Surface Water Water Table F Saturation Pro (includes capi	er Present? Y Present? Y esent? Y	es No_ es No_	X Depth (ind	ches): ches):	ous inspecti			/ Present?	Yes X	No
Inundation Water-Si Field Observ Surface Water Water Table F Saturation Pro (includes capi	er Present? Y Present? Y esent? Y illary fringe)	es No_ es No_	X Depth (ind	ches): ches):	ous inspection			/ Present?	Yes X	No
Inundation Water-Si Field Observ Surface Water Water Table F Saturation Pro (includes capi Describe Reco	er Present? Y Present? Y esent? Y illary fringe) orded Data (stream g	es No_ es No_ gauge, monitorin	X Depth (ind X Depth (ind g well, aerial p	ches): ches): hotos, previo		ons), if a	available:			
Inundation Water-Si Field Observ Surface Water Water Table F Saturation Pro (includes capi Describe Reco	er Present? Y Present? Y esent? Y illary fringe)	es No_ es No_ gauge, monitorin	X Depth (ind X Depth (ind g well, aerial p	ches): ches): hotos, previo		ons), if a	available:			

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	Sampling Date: 3.26.20
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 273
Investigator(s): JR Sundberg, Raquel Atik		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55191668	52	Long: -117.024342428 Datum: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30 p				NWI classification: depression
Are climatic / hydrologic conditions on the site typical for				
Are Vegetation X, Soil , or Hydrology _				Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poi	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			
Hydric Soil Present? Yes	No X	ıs u	ne Sampled	Voc No Y
Wetland Hydrology Present? Yes X	No	— with	nin a Wetlan	a? ———
Remarks: The majority of the vegetation on the site ha	s heen disti	urhed due to	nast land use	s. This feature was sampled during the growing season and
does not meet the wetland criteria.	is been dist	uibed dde to	pasi iai iu use	s. This leadure was sampled during the growing season and
VEGETATION - Use scientific names of plants	; .			
Taga Stratium (Diet sing)	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species
				That Are OBL, FACW, or FAC: 1 (A)
3				Total Number of Dominant Species Across All Strata: 3 (B)
				Percent of Dominant Species (B)
4.		= Total Cove		That Are OBL, FACW, or FAC: 33 (A/B)
Sapling/Shrub Stratum (Plot size:)		- Total Cove	J1	
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species 1 x 1 = 1
4.				FACW species 0 x 2 = 0
5.				FAC species0 x 3 =0
		= Total Cove	er	FACU species4 x 4 =16
Herb Stratum (Plot size:)				UPL species0 x 5 =0
Plagiobothrys acanthocarpus	1	Yes	OBL	Column Totals: 5 (A) 17 (B)
2. Festuca myuros	3	Yes	FACU	Prevalence Index = B/A = 3.4
3. Deinandra fasciculata	1	Yes	FACU	Trevalence mask B// G.T
4				Hydrophytic Vegetation Indicators:
5				Dominance Test is >50%
6				Prevalence Index is ≤3.0¹
7				Morphological Adaptations ¹ (Provide supporting
8				data in Remarks or on a separate sheet)
	5	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				
1. <u>none</u>				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2				be present, unless disturbed of problematic.
		= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 95 % Co	ver of Biotic	Crust		Vegetation Present? Yes No X
			ll local refer	
Remarks: Sample area is a vernal pool that receives ru predominance of hydrophytic vegetation, it does suppor				
		1 : b.ee	56.000	(3)

Profile Desc	ription: (Describe to Matrix	the depth nee		ent the inc		confirm t	the absence of	indicators.)
(inches)	Color (moist)	<u></u> % (Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
0-12	10YR 3/2.5	100	solor (molet)		.,,,,,,			no redox
0-12	1011 3/2.5						_ clay	_ Ho redox
							_	
							-	-
								_
							-	
	centration, D=Depletion					s. ²		e Lining, RC=Root Channel, M=Matrix.
_	Indicators: (Applica	able to all LRR					Indicators f	for Problematic Hydric Soils ³ :
Histosol	` '			Redox (S5)				uck (A9) (LRR C)
	oipedon (A2)			l Matrix (Se	•			uck (A10) (LRR B)
	stic (A3)			Mucky Min				d Vertic (F18)
Hydroge	en Sulfide (A4)		Loamy (Gleyed Ma	trix (F2)		Red Pai	rent Material (TF2)
	d Layers (A5) (LRR C	;)		d Matrix (F	,		Other (E	Explain in Remarks)
1 cm Mu	ıck (A9) (LRR D)		Redox [Oark Surfac	ce (F6)			
	d Below Dark Surface	e (A11)		d Dark Sur				
	ark Surface (A12)			Depression	ıs (F8)			of hydrophytic vegetation and
′	lucky Mineral (S1)		Vernal F	Pools (F9)				hydrology must be present,
Sandy G	Gleyed Matrix (S4)						unless d	isturbed or problematic.
Restrictive L	_ayer (if present):							
Type: sho	ovel refusal							
Depth (incl	nes). 12						Hydric Soil Pre	sent? Yes No X
							,	
Nomana. no	redox features obse	, vou						
HYDROLOG								
Wetland Hy	drology Indicators:						Seco	ondary Indicators (2 or more required)
Primary Indi	cators (minimum of o	ne required; ch	eck all that appl	y)			\	Water Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
—— High Wa	ater Table (A2)		X Biotic Cru	ıst (B12)			<u> </u>	Orift Deposits (B3) (Riverine)
Saturati	on (A3)		Aquatic I	nvertebrate	es (B13)			Orainage Patterns (B10)
	Marks (B1) (Nonriveri	ine)		n Sulfide O	. ,			Ory-Season Water Table (C2)
	nt Deposits (B2) (No r	•			eres along l	iving Ro		Thin Muck Surface (C7)
	posits (B3) (Nonrive r	•		•	ed Iron (C4	_	• • —	Crayfish Burrows (C8)
	, , ,	iile)			-			
	Soil Cracks (B6)	(5.7)			ion in Tilled	i Solis (C	· —	Saturation Visible on Aerial Imagery (C9)
	on Visible on Aerial I	magery (B7)		k Surface	` '			Shallow Aquitard (D3)
Water-S	stained Leaves (B9)		Other (E)	oplain in Re	emarks)		^f	FAC-Neutral Test (D5)
Field Observ	vations:							
Surface Water	er Present? You	es No	X Depth (inc	hes):				
Water Table	Present? Ye	es No	X Depth (inc	hes):		_		
Saturation Pr	resent? Yo		X Depth (inc			— Wetla	and Hydrology	Present? Yes X No
(includes cap						_	,	
	orded Data (stream g	auge, monitorir	ng well, aerial ph	notos, prev	ious inspec	ctions), if	available:	
	_					•		
	hough no surface wa	ter was present	at the time of th	ne delineat	ion, eviden	ce of a bi	iotic crust indicat	e that the area supports wetland
hydrology.								

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	o Sampling Date: 3.26.20
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 274
Investigator(s): JR Sundberg and Raquel Atik		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		 Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55203001	84	Long: -117.024430406 Datum: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30 p				NWI classification: depression
Are climatic / hydrologic conditions on the site typical for				
Are Vegetation X, Soil , or Hydrology _				Are "Normal Circumstances" present? Yes X No
Are Vegetation , Soil , or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poi	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			
Hydric Soil Present? Yes	No X	15 11	he Sampled	YAS NO X
Wetland Hydrology Present? Yes X	No	— witr	nin a Wetlan	a <i>?</i> ——
Remarks: The majority of the vegetation on the site ha	s been distu	irbed due to	nast land use	s. This feature was sampled during the growing season and
does not meet the wetland criteria.	io booti diote	arbed dde to	past laria asc	o. This location was sampled during the growing season and
VEGETATION – Use scientific names of plants				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none	70 OOVCI	Орсскоз:	Ctatus	Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 1 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species 0 x 1 = 0
4				FACW species 2 x 2 = 4
5				FAC species 0 x 3 = 0
		= Total Cove	er	FACU species 6 x 4 = 24
Herb Stratum (Plot size:)				UPL species 0 x 5 = 0
1. Psilocarphus brevissimus		No No	FACW	Column Totals:8 (A)28 (B)
2. Juncus bufonius	1	No No	FACW	Prevalence Index = B/A = 3.5
3. Erodium botrys		No	FACU	
4. Festuca myuros	4	Yes	FACU	Hydrophytic Vegetation Indicators:
5. Bromus hordeaceus	1	No	FACU	Dominance Test is >50%
6. 7.				Prevalence Index is ≤3.0¹
8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
0	8	= Total Cov	/or	· · · · ·
Woody Vine Stratum (Plot size:		- Total Cov	/CI	Problematic Hydrophytic Vegetation ¹ (Explain)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				¹ Indicators of hydric soil and wetland hydrology must
				be present, unless disturbed or problematic.
		= Total Cove		Hydrophytio
			. .	Hydrophytic Vegetation
% Bare Ground in Herb Stratum 92 % Co	ver of Biotic	Crust		Present? Yes No X
Remarks: Sample area is a vernal pool that receives ru				
predominance of hydrophytic vegetation, it does suppor	t one vernal	pool plnt indi	icator species	s (Psilocarphus brevissimus).

	cription: (Describe to	the depth				confirm	the absence of	indicators.)
Depth (inches)	Matrix Color (moist)	<u></u> %	Color (moist)	dox Featu %	res Type¹	Loc ²	_ Texture	Remarks
0-1	10YR 3/2		5YR 4/6	1	<u>туре</u> .	RC	sandy clay	Remarks
	7.5YR 4/3						_ <u> </u>	
1-6	7.51K 4/3	99	10YR 5/6	1		RC	_ sand	
							_	
								<u> </u>
1 _{Type: C=Co}	 ncentration, D=Depletion		ad Matrix CS=Covered	d or Coated	Sand Grains		2l ocation: PI =Por	e Lining, RC=Root Channel, M=Matrix.
	Indicators: (Applica					5.		for Problematic Hydric Soils ³ :
Histoso		L		Redox (S5)				luck (A9) (LRR C)
	pipedon (A2)			Matrix (Se				luck (A10) (LRR B)
_	listic (A3)			∕lucky Min	•			ed Vertic (F18)
Hydroge	en Sulfide (A4)		Loamy (Sleyed Ma	trix (F2)		Red Pa	arent Material (TF2)
	d Layers (A5) (LRR 0	>)		d Matrix (F	,		Other (Explain in Remarks)
	uck (A9) (LRR D)			ark Surfac	` '			
	d Below Dark Surface	e (A11)		d Dark Sur	. ,		21	
	ark Surface (A12)			epression	is (F8)			of hydrophytic vegetation and
	Mucky Mineral (S1) Gleyed Matrix (S4)		vernai F	Pools (F9)				hydrology must be present, disturbed or problematic.
							unic33 C	astarbed of problematic.
	Layer (if present): ovel refusal							
Depth (inc			<u>—</u>				Hydric Soil Pre	esent? Yes No X
			<u> </u>				Tiyunc 3011 File	esent? Yes No X
Remarks: S	oils do not meet hydr	ic soil indica	tor					
HYDROLO	GY							
Wetland Hy	ydrology Indicators:						Sec	ondary Indicators (2 or more required)
Primary Ind	icators (minimum of c	ne required	; check all that apply	y)				Water Marks (B1) (Riverine)
X Surface	e Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		X Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)
X Saturat	ion (A3)		Aquatic Ir	nvertebrate	es (B13)			Drainage Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)		Sulfide O				Dry-Season Water Table (C2)
l —	ent Deposits (B2) (No	-	Oxidized	Rhizosphe	eres along	Living Ro	· /	Thin Muck Surface (C7)
	eposits (B3) (Nonrive	rine)			ed Iron (C ²			Crayfish Burrows (C8)
ı —	e Soil Cracks (B6)				ion in Tille	d Soils (C	· —	Saturation Visible on Aerial Imagery (C9)
l ——	tion Visible on Aerial I	magery (B7		k Surface	. ,			Shallow Aquitard (D3)
Water-9	Stained Leaves (B9)		Other (Ex	plain in Re	emarks)			FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat	ter Present? Y	es X	No Depth (incl	nes):	11	_		
Water Table			No Depth (incl		0	_		
Saturation P		es <u>X</u>	No Depth (incl	nes):	0	Wetl	and Hydrology	Present? Yes X No
	pillary fringe) corded Data (stream g	augo moni	toring wall parial sh	otoe prov	ioue inche	ctions) if	availablo:	
Describe V60	orded Data (Stredtti (jauye, mom	ioning wen, aenai pr	ioios, piev	ious ilispei	ононо <i>)</i> , П	avaliabit.	
	ırface water was pres	ent at the tir	ne of the delineation	n along wit	h evidence	e of biotic	crust, indicating	that the area supports wetland
hydrology.								
I								

Project/Site: Southwest Village Specific Plan Project		City/C	ounty: <u>San</u>	n Diego)	Sar	npling Date:	3/3/2020)
Applicant/Owner: Pardee Homes					State:CA	San	npling Point	276	
Investigator(s): Beth Procsal and JR Sundberg		Section	n, Townsh	hip, Rar	nge:Section 31, T	 18S R01	W		
Landform (hillslope, terrace, etc.): mesa top					convex, none):conc			lope (%):0.	- 2
Subregion (LRR):C - Mediterranean California	Lat:32.5	55339:	362680		Long:-117.02292	2347000	 Dat	_ um:NAD:	83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s						ssification	:None		
Are climatic / hydrologic conditions on the site typical for the		ear? Y	es 🕟	No ((If no, explain	ı in Rema	rks.)		
Are Vegetation Soil or Hydrology	significantly		_		Normal Circumstan			No	\circ
Are Vegetation X Soil or Hydrology X	naturally pro				eded, explain any a	-	-	/	
SUMMARY OF FINDINGS - Attach site map				,			,	eatures,	, etc.
	No 🔘								
	No 🔵		Is the Sa	mpled	Area				
Wetland Hydrology Present? Yes	No 🔵		within a	-		•	No 🔘		
Remarks: The majority of the vegetation on the site						•	~.		
general, has been altered due to off-road									
problematic due to the seasonality of thei	r presence	with h	ıydrology	y restri	cted to the winter	and veg	etation to t	he late w	
and early spring months each year. VEGETATION									+
VEGETATION	Alegalista	D =			Dawinson Tool				
Tree Stratum (Use scientific names.)	Absolute % Cover		nant Indic ies? Sta		Dominance Test Number of Domina				
1. <i>None</i>			▼	▼	That Are OBL, FA			1	(A)
2.					Total Number of D	Ominant			
3.			T	V	Species Across A			1	(B)
4.					Percent of Domina	ant Specie	9		
Total Cov	rer: %				That Are OBL, FA		_	00.0%	(A/B)
Sapling/Shrub Stratum 1.None			V		Prevalence Index	workshe	et.		
2.				▼	Total % Cove			oly by:	
3.					OBL species	1	x 1 =	1	
4.			一		FACW species	1	x 2 =	2	
5.					FAC species	95	x 3 =	285	
Total Cov	er: %				FACU species		x 4 =	0	
Herb Stratum					UPL species		x 5 =	0	
1. Plagiobothrys acanthocarpus	_ 1	No	OBL		Column Totals:	97	(A)	288	(B)
² Psilocarphus brevissimus	1	No	FACW		Preva l ence	ndex = B	/A =	2.97	
3. Festuca perennis	95	Yes	FAC	Ī	Hydrophytic Veg	etation In	dicators:	2.71	
5.					X Dominance T	est is >50	%		
6.			一一		× Prevalence In	dex is ≤3.	O ¹		
7.			一		Morphologica				ng
8.							n a separat	·	
Total Cov	er: 97 %				Problematic F	iyaropnyti	c vegetation	ı (Explain	1)
Woody Vine Stratum					¹ Indicators of hyd	ric soil an	d wetland h	vdrology i	must
1.None			I		be present.	110 3011 811	a wedana n	yarology	must
2Total Cov	 er: %				Hydrophytic				
					Vegetation				
	er of Biotic C		<u>%</u>		Present?	Yes 💿		_	
Remarks: Sample area is a vernal pool that receive									nal
pool consisting predominately of hydro				suppor	t two vernal pool	plant inc	licator spec	cies	
(Psilocarphus brevissimus and Plagiobo	uirys acant	nocarj	pus).						

SOIL Sampling Point: <u>276</u>

(inches)	Color (moist)			Features		1 - 2	T 4 3	.
		%	Color (moist)		_Type ¹	Loc ²	Texture ³	Remarks
					<u> </u>			
					▼	▼		
					V	▼		
					\blacksquare	▼		
					T	T		
	oncentration, D=Depl						=Root Channel, M	
					ndy Loam,	Clay Loan		Silt Loam, Silt, Loamy Sand, Sar
	ndicators: (Applicable	e to all LRR						roblematic Hydric Soils:
☐ Histosol	oipedon (A2)		Sandy Redox Stripped Ma					(A9) (LRR C) (A10) (LRR B)
Black His			Loamy Muc		I (F1)		Reduced V	
	en Sulfide (A4)		Loamy Gley					Material (TF2)
Stratified	d Layers (A5) (LRR C)	Depleted Ma	atrix (F3)			Other (Expl	ain in Remarks)
	ıck (A9) (LRR D)		Redox Dark	Surface	(F6)		_	
	d Below Dark Surface	(A11)	Depleted Da					
	ark Surface (A12)		Redox Depr	,	F8)		4	
	Mucky Mineral (S1)		Vernal Pool	s (F9)			-	drophytic vegetation and
	Bleyed Matrix (S4) Layer (if present):						welland nydi	ology must be present.
Type:	Layer (II present).							
• • • • • • • • • • • • • • • • • • • •	-h).						Undein Call Day	
Depth (inc	·	· ·	4 H 1' C'				Hydric Soil Pres	sent? Yes 💿 No 🔘
				la afCan	Diago C.	arrada y 12 ad	aletain ad frame tl	a Matural Dagayras
								ne Natural Resource
Co	onservation Service	e (NRCS;	2020). No soil pi	t was du	g due to tl	he sample	e point being a p	otential vernal pool and may
Co su	onservation Service pport a listed fairy	e (NRCS; shrimp sp	2020). No soil pi	t was du	g due to tl	he sample	e point being a p	otential vernal pool and may
Co su an	onservation Service pport a listed fairy and wetland hydrological water and bydrological wetland bydrological wetland bydrological water and bydrological water	e (NRCS; shrimp sp	2020). No soil pi	t was du	g due to tl	he sample	e point being a p	otential vernal pool and may
Co su an YDROLO	onservation Service apport a listed fairy ad wetland hydrolog GY	e (NRCS; shrimp sp	2020). No soil pi	t was du	g due to tl	he sample	e point being a pent due to the pro	otential vernal pool and may
Co su an YDROLO Wetland Hyd	onservation Service pport a listed fairy ad wetland hydrolog GY drology Indicators:	e (NRCS; shrimp sp	2020). No soil pi pecies. Hydric soi	t was du	g due to tl	he sample	e point being a pent due to the pro	otential vernal pool and may esence of hydrophytic vegetat
Co su an YDROLO Vetland Hyo Primary Indic	onservation Service upport a listed fairy ad wetland hydrolog GY drology Indicators: cators (any one indica	e (NRCS; shrimp sp	2020). No soil pi pecies. Hydric soi	t was du ls were a	g due to tl	he sample	e point being a pent due to the pro Secondary Water	otential vernal pool and may esence of hydrophytic vegetat Indicators (2 or more required) Marks (B1) (Riverine)
Surface Surface	onservation Service upport a listed fairy ad wetland hydrolog GY drology Indicators: cators (any one indicators)	e (NRCS; shrimp sp	2020). No soil pi pecies. Hydric soi sient) Salt Crust	t was du ls were a	g due to tl	he sample	e point being a pent due to the pro Secondary Water	otential vernal pool and may esence of hydrophytic vegetat Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine)
YDROLO Wetland Hyd Primary Indic Surface High Wa	onservation Service upport a listed fairy ad wetland hydrolog GY drology Indicators: cators (any one indicators) Water (A1) ater Table (A2)	e (NRCS; shrimp sp	2020). No soil pi pecies. Hydric soi cient) Salt Crust Biotic Crus	t was du ls were a (B11) st (B12)	g due to the assumed to	he sample	Secondary Secondary Water Sedim Drift D	otential vernal pool and may esence of hydrophytic vegetated in the property of the property o
YDROLO Wetland Hyd Primary Indic Surface High Wa Saturatio	onservation Service apport a listed fairy ad wetland hydrolog GY drology Indicators: cators (any one indicators) water (A1) ater Table (A2) on (A3)	e (NRCS; shrimp sp	2020). No soil pi pecies. Hydric soi cient) Salt Crust Biotic Crust Aquatic Inv	t was du ls were a (B11) st (B12) vertebrate	g due to the assumed	he sample	Secondary Secondary Water Sedim Drift D	otential vernal pool and may esence of hydrophytic vegetated in the interest of the interest o
YDROLO Wetland Hyde Primary Indic Surface High Wa Saturatio Water M	onservation Service upport a listed fairy ad wetland hydrology drology Indicators: cators (any one indicators) water (A1) ater Table (A2) on (A3) larks (B1) (Nonriveria	e (NRCS; shrimp spov	2020). No soil pi pecies. Hydric soi cient) Salt Crust Biotic Crust Aquatic Inv Hydrogen	t was du ls were a (B11) st (B12) vertebrate Sulfide Oo	g due to the assumed	he sample o be prese	Secondary Secondary Water Sedim Drift D Dry-Se	otential vernal pool and may esence of hydrophytic vegetat Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ege Patterns (B10) eason Water Table (C2)
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YDROLO Wetland Hyd Primary Indic Surface High Wa Saturatic Water M Sedimer Drift Dep	onservation Service apport a listed fairy ad wetland hydrolog GY drology Indicators: cators (any one indicators) Water (A1) ater Table (A2) on (A3) larks (B1) (Nonriveriant Deposits (B2) (Nonriveriant Deposits (B3) (B3) (Nonriveriant Deposits (B3) (Nonriveriant Deposits (B3) (Non	e (NRCS; shrimp spov ator is sufficence)	2020). No soil pi pecies. Hydric soi cient) Salt Crust Biotic Crust Aquatic Inv Hydrogen Oxidized F Presence of	(B11) st (B12) vertebrate Sulfide Ochizosphe of Reduce	g due to the assumed to assumed to the assumed to t	he sample o be prese	Secondary Secondary Water Sedim Drift D Dry-Se S (C3) Thin M	otential vernal pool and may esence of hydrophytic vegetatesesence (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) eposits (B3) (Riverine) eposits (B10) eason Water Table (C2) Muck Surface (C7) esh Burrows (C8)
YDROLO Vetland Hyd Primary Indic Surface High Wa Saturatic Water M Sedimer Drift Dep X Surface	onservation Service apport a listed fairy ad wetland hydrolog GY drology Indicators: cators (any one indicators) water (A1) ater Table (A2) on (A3) larks (B1) (Nonriveriant Deposits (B2) (Nonriveriant Soil Cracks (B6)	e (NRCS; shrimp spov ator is suffice ne) iriverine) ine)	2020). No soil pi pecies. Hydric soi cient) Salt Crust Biotic Crust Aquatic Inv Hydrogen Oxidized F Presence of Recent Iro	(B11) st (B12) vertebrate Sulfide Or Rhizosphe of Reduce n Reducti	g due to the assumed to assumed to see (B13) dor (C1) res along Led Iron (C4) on in Plowe	he sample o be prese	Secondary Water Sedim Drift D Dry-Se s (C3) Crayfie Secondary Crayfie	otential vernal pool and may esence of hydrophytic vegetate esence (B1) (Riverine) ent Deposits (B2) (Riverine) esposits (B3) (Riverine) esposits (B3) (Riverine) esposits (B10) esason Water Table (C2) esposition Water Table (C2) esh Burrows (C8) estion Visible on Aerial Imagery (C5)
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YDROLO Wetland Hyd Primary Indic Surface High Wa Saturatic Water M Sedimen Drift Dep Surface Inundatic Water-Si Field Observious	onservation Service apport a listed fairy and wetland hydrology and wetland hydrology and wetland hydrology Indicators: cators (any one indicators (any one indicators (any one indicators (A) and (A)	e (NRCS; shrimp spov	2020). No soil pi pecies. Hydric soi cient) Salt Crust Biotic Crust Aquatic Inv Hydrogen Oxidized F Presence of Recent Iro Other (Exp	(B11) st (B12) vertebrate Sulfide Or Rhizosphe of Reduce n Reducti blain in Re	g due to the assumed to assumed to see (B13) dor (C1) res along Led Iron (C4) on in Plowe	he sample o be prese	Secondary Water Sedim Drift D Dry-Se s (C3) Thin M Crayfie Shallo	esence of hydrophytic vegetate esence (B1) (Riverine) ent Deposits (B2) (Riverine) esposits (B3) (Riverine) esposits (B3) (Riverine) esposits (B10) esason Water Table (C2) esence (C7) esh Burrows (C8) estion Visible on Aerial Imagery (C5) estion Visible on Aerial Imagery (C5) espondiction (D3)
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YDROLO Vetland Hyd Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundatio Water-Si Field Observ Surface Water Vater Table Saturation Primary Indication Surface Water Surface Water Surface Water Surface Water	conservation Service apport a listed fairy and wetland hydrology and wetland hydrology and wetland hydrology Indicators: cators (any one indicators) (any on	ne) nagery (B7	2020). No soil pi pecies. Hydric soi cient) Salt Crust Biotic Crust Aquatic Inv Hydrogen Oxidized F Presence of Recent Iro Other (Exp	(B11) st (B12) vertebrate Sulfide Oc Rhizosphe of Reduce n Reducti olain in Re	g due to the assumed to assumed to see (B13) dor (C1) res along Led Iron (C4) on in Plowe	he sample to be prese	Secondary Water Sedim Drift D Draina Dry-Se S (C3) Satura Shallo	esence of hydrophytic vegetate esence esenc
YDROLO Vetland Hyd Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Dep X Surface Inundatio Water-Si Field Observ Surface Water Vater Table Saturation Princludes cap	conservation Service apport a listed fairy and wetland hydrology and wetland hydrology and wetland hydrology and wetland hydrology and service (any one indicated water (A1) after Table (A2) on (A3) arks (B1) (Nonriverial Deposits (B2) (Nonriverial Deposits (B3) (Nonriverial Cracks (B6) on Visible on Aerial Intained Leaves (B9) vations: er Present? Yes	e (NRCS; shrimp spov	2020). No soil pi pecies. Hydric soi cient) Salt Crust Biotic Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iro Other (Exp	(B11) st (B12) vertebrate Sulfide Oc Rhizosphe of Reduce n Reducti olain in Re ches): ches):	g due to the assumed to see (B13) dor (C1) res along Led Iron (C4) on in Plowermarks)	iving Root ed Soils (C	Secondary Water Sedim Drift D Draina Dry-Se S (C3) Thin M Crayfie Shallo FAC-M	esence of hydrophytic vegetate esence esenc
YDROLO Vetland Hyd Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Dep X Surface Inundatio Water-Si Field Observ Surface Water Vater Table Saturation Princludes cap	conservation Services port a listed fairy ad wetland hydrolog GY drology Indicators: cators (any one indicators) water (A1) ater Table (A2) on (A3) larks (B1) (Nonriveriant Deposits (B2) (Nonriveriant Deposits (B3) (Nonriveriant Deposits (B6) on Visible on Aerial Intained Leaves (B9) vations: er Present? Present? Yes present?	e (NRCS; shrimp spov	2020). No soil pi pecies. Hydric soi cient) Salt Crust Biotic Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iro Other (Exp	(B11) st (B12) vertebrate Sulfide Oc Rhizosphe of Reduce n Reducti olain in Re ches): ches):	g due to the assumed to see (B13) dor (C1) res along Led Iron (C4) on in Plowermarks)	iving Root ed Soils (C	Secondary Water Sedim Drift D Draina Dry-Se S (C3) Thin M Crayfie Shallo FAC-M	esence of hydrophytic vegetate esence (B1) (Riverine) ent Deposits (B2) (Riverine) esence (B3) (Riverine) esence (B10) esen
YDROLO Vetland Hyd Primary Indic Surface High Wa Saturatic Water M Sedimer Drift Dep Surface Inundatic Water-Si Field Observ Surface Water Vater Table Saturation Princludes cap Describe Rec	conservation Services apport a listed fairy and wetland hydrolog GY drology Indicators: cators (any one indicators) water (A1) ater Table (A2) on (A3) larks (B1) (Nonriveriant Deposits (B2) (Nonriveriant Deposits (B3) (Nonriv	e (NRCS; shrimp spov	2020). No soil pipecies. Hydric soil pipecies. Hydric soil pipecies. Hydric soil pipecies. Hydric soil pipecies. Hydrogen	(B11) st (B12) vertebrate Sulfide Oc Rhizosphe of Reduce n Reducti plain in Re ches): ches): ches):	g due to the assumed to assumed to assumed to the a	iving Root ded Soils (C	Secondary Secondary Water Sedim Drift D Draina Dry-Se S (C3) Thin M Crayfis Shallo FAC-N md Hydrology Pre	esence of hydrophytic vegetate esence esence (B1) (Riverine) esent Deposits (B2) (Riverine) esence (B10) eseson Water Table (C2) esence (C7) esh Burrows (C8) esent esence (C8) esent esent (D5)
YDROLO Vetland Hyd Primary Indic Surface High Wa Saturatio Water M Sedimen Drift Dep Surface Inundatio Water-Si Field Observ Surface Water Water Table Saturation Princludes cap Describe Rec	conservation Services port a listed fairy ad wetland hydrolog GY drology Indicators: cators (any one indicators) water (A1) ater Table (A2) on (A3) larks (B1) (Nonriveriant Deposits (B2) (Nonriveriant Deposits (B3) (Nonriveri	e (NRCS; shrimp spov	2020). No soil pipecies. Hydric soil pipecies. Hydric soil pipecies. Hydric soil pipecies. Hydric soil pipecies. Hydrogen	(B11) st (B12) vertebrate Sulfide Oc Rhizosphe of Reduce n Reducti blain in Re ches): ches): ches): ches): ches of the	g due to the assumed to assumed to assumed to assumed to assumed to assumed to assume the assument the assume t the	iving Root ded Soils (C Wetla pections), if	Secondary Secondary Water Sedim Drift D Draina Dry-Se S (C3) Thin M Crayfis Shallo FAC-M	esence of hydrophytic vegetate esence (B1) (Riverine) ent Deposits (B2) (Riverine) esents (B3) (Riverine) esence (B10) eseson Water Table (C2) esence (C7) esh Burrows (C8) estion Visible on Aerial Imagery (C3) esent? Yes No
YDROLO Wetland Hyd Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundatio Water-Si Field Observ Surface Water Vater Table Saturation Princludes cap Describe Rec	conservation Services port a listed fairy ad wetland hydrolog GY drology Indicators: cators (any one indicators) cators (B1) (Nonrivering the Deposits (B2) (Nonrivering cosits (B3) (Nonrivering cosits (B3) (Nonrivering cosits (B3) (Nonrivering cosit (B3) (Nonrivering cosits	e (NRCS; shrimp spov utor is suffice ne) riverine) ine) magery (B7 es	2020). No soil pipecies. Hydric soil pipecies. Hydric soil pipecies. Hydric soil pipecies. Hydric soil pipecies. Hydrogen Salt Crust Aquatic Inv Hydrogen Oxidized F Presence of Recent Iro Other (Exp No	t was du ls were a (B11) st (B12) vertebrate Sulfide Oc Rhizosphe of Reduce on Reducti olain in Re ches): ches): ches): ches):	es (B13) dor (C1) res along L ed Iron (C4) on in Plowe emarks) evious insp delineation	wetla wetla on, evider uration a	Secondary Secondary Water Sedim Drift D Draina Dry-Se S (C3) Thin M Crayfis Shallo FAC-M	esence of hydrophytic vegetate esence esenc
YDROLO Wetland Hyd Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundatio Water-Si Field Observ Surface Water Vater Table Saturation Princludes cap Describe Rec	conservation Services port a listed fairy ad wetland hydrolog GY drology Indicators: cators (any one indicators) water (A1) ater Table (A2) on (A3) larks (B1) (Nonriveriant Deposits (B2) (Nonriveriant Deposits (B3) (Nonriveri	e (NRCS; shrimp spov utor is suffice ne) riverine) ine) magery (B7 es	2020). No soil pipecies. Hydric soil pipecies. Hydric soil pipecies. Hydric soil pipecies. Hydric soil pipecies. Hydrogen Salt Crust Aquatic Inv Hydrogen Oxidized F Presence of Recent Iro Other (Exp No	t was du ls were a (B11) st (B12) vertebrate Sulfide Oc Rhizosphe of Reduce on Reducti olain in Re ches): ches): ches): ches):	es (B13) dor (C1) res along L ed Iron (C4) on in Plowe emarks) evious insp delineation	wetla wetla on, evider uration a	Secondary Secondary Water Sedim Drift D Draina Dry-Se S (C3) Thin M Crayfis Shallo FAC-M	esence of hydrophytic vegetate esence esence (B1) (Riverine) ent Deposits (B2) (Riverine) esence (B10) eseson Water Table (C2) eseson Water Table (C2) esence (C7) esh Burrows (C8) estion Visible on Aerial Imagery (C3) esent? Yes No

Project/Site: Southwest Village Specific Plan Project		City/County	San Diego)	Sampli	ing Date:2/27	7/2020
Applicant/Owner: Pardee Homes				State:CA		ing Point:277	
Investigator(s): Beth Proscal and Raquel Atik		Section, To	wnship, Ran	ge:Section 31, T1	— 8S R01W		
Landform (hillslope, terrace, etc.): mesa top		Local relief	(concave, c	onvex, none):conca	ive	Slope	(%):0-2
Subregion (LRR):C - Mediterranean California	Lat:32.5	552817906		Long:-117.018486		—— Datum:]	NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slo					ssification: N		
Are climatic / hydrologic conditions on the site typical for this		ar? Yes 🕟	No (
		disturbed?	_	Normal Circumstance		-	No 🔘
		blematic?		eded, explain any an	·		
SUMMARY OF FINDINGS - Attach site map si	•						ıres, etc.
	0		-	<u>`</u>	· ·		·
		ls th	e Sampled	Area			
Wetland Hydrology Present? Yes No	Ô		in a Wetlan		No	o ()	
Remarks: The majority of the vegetation on the site ha	as been d	isturbed d	ue to past la	and uses. The natu	ıral hydrol	ogy of the a	rea, in
general, has been altered due to off-road act							
problematic due to the seasonality of their p	resence	with hydro	ology restric	cted to the winter	and vegeta	tion to the la	_
and early spring months each year.							+
VEGETATION							
	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test v			
1.None	70 00101	<u> </u>	<u> </u>	Number of Domina That Are OBL, FAC		1	(A)
2.						1	()
3.		<u> </u>		Total Number of Do Species Across All		1	(B)
4.						1	(-)
Total Cover:	%			Percent of Dominar That Are OBL, FAC		100.0	% (A/B)
Sapling/Shrub Stratum		_				100.0	,, ,
1.None			<u> </u>	Prevalence Index			\.,,
2				Total % Cover OBL species		Multiply by	0
3. 4.				FACW species		x 2 =	20
5.		▼		FAC species	10		180
Total Cover:	%			FACU species	00	x 4 =	0
Herb Stratum	70			UPL species		x 5 =	0
1.Hordeum depressum	10	No	FACW	Column Totals:	70	(A)	200 (B)
2. Festuca perennis	60	Yes	FAC		70		
3.		▼	▼	Prevalence Ir			2.86
4.		▼	▼	Hydrophytic Vege		cators:	
5		lacksquare	▼	➤ Dominance Te			
6			▼	★ Prevalence Inc Morphological		1 (Dravida av	n in a set in as
7			T			a separate sh	
8.		▼	▼	Problematic Hy	ydrophytic V	egetation¹ (E	xplain)
Total Cover: Woody Vine Stratum	70 %			_			
1.None		\blacksquare	▼	¹ Indicators of hydri	ic soi l and w	vetland hydro	logy must
2.				be present.			
Total Cover:	%			Hydrophytic			
% Bare Ground in Herb Stratum 30 % % Cover	of Biotic C	rust	%	Vegetation Present?	Yes (No 🔘	
Remarks: No ACOE vernal pool plant indicator spec						,	
No ACOE vernai pooi piant indicator spec	ies were	present w	iumi me ba	5111.			

SOIL Sampling Point: 277 Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Redox Features Loc² Texture³ (inches) Color (moist) Color (moist) Type¹ \blacksquare \blacksquare \blacksquare lacksquare \blacksquare \blacksquare \blacksquare ¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix. ²Location: PL=Pore Lining, RC=Root Channel, M=Matrix. 3Soil Textures: Clay, Silty Clay, Sandy Clay, Loam, Sandy Clay Loam, Sandy Loam, Clay Loam, Silty Clay Loam, Silt Loam, Silt, Loamy Sand, Sand. Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils: Histosol (A1) 1 cm Muck (A9) (LRR C) Sandy Redox (S5) Histic Epipedon (A2) Stripped Matrix (S6) 2 cm Muck (A10) (LRR B) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parent Material (TF2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Explain in Remarks) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) ⁴Indicators of hydrophytic vegetation and Sandy Gleyed Matrix (S4) wetland hydrology must be present. Restrictive Layer (if present): Type: Depth (inches): **Hydric Soil Present?** No (Yes (•) Remarks: Huerhuero loam soil series is on the Hydric Soils of San Diego County list obtained from the Natural Resource Conservation Service (NRCS; 2020). No soil pit was dug due to the sample point being a potential vernal pool and may support a listed fairy shrimp species. Hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology **HYDROLOGY** Wetland Hydrology Indicators: Secondary Indicators (2 or more required) Primary Indicators (any one indicator is sufficient) Water Marks (B1) (Riverine) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) High Water Table (A2) Biotic Crust (B12) Drift Deposits (B3) (Riverine) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Plowed Soils (C6) Saturation Visible on Aerial Imagery (C9) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Shallow Aquitard (D3) FAC-Neutral Test (D5) Water-Stained Leaves (B9) Field Observations: Surface Water Present? Yes (No (Depth (inches):

Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks and the presence of hydrophytic vegetation indicate that the area supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug due to the fact that protocol fairy shrimp surveys were being conducted concurrently.

Wetland Hydrology Present?

US Army Corps of Engineers

Water Table Present?

(includes capillary fringe)

Saturation Present?

Yes (

Yes (

No (

No (

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Depth (inches):

Depth (inches):

Project/Site: Southwest Village Specific Plan Project		City/County	San Diego)	Sampl	ing Date:2/2	7/2020)
Applicant/Owner: Pardee Homes				State:CA		ing Point:278		
Investigator(s): Beth Procsal and Raquel Atik		Section, To	wnship, Ran	nge:Section 31, T1	8S R01W			
Landform (hillslope, terrace, etc.): mesa top		Local relief	(concave, c	convex, none):conca	ıve	Slope	(%):0-2	 2
Subregion (LRR):C - Mediterranean California	Lat:32.5	552572716		Long:-117.018529		 Datum:]	NAD8	3
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slo					ssification:N			
Are climatic / hydrologic conditions on the site typical for this		ar? Yes 🕡	No (_			
		disturbed?	_	Normal Circumstanc		_	No ($\overline{}$
	•	blematic?		eded, explain any ar	•	\sim)
SUMMARY OF FINDINGS - Attach site map si	•						ures,	etc.
				<u> </u>	· ·		·	
		ls th	e Sampled	Area				
Wetland Hydrology Present? Yes No			in a Wetlan		No	0		
Remarks: The majority of the vegetation on the site ha	is been d	isturbed d	ue to past l	and uses. The natu	ıral hydrol	ogy of the a	rea, in	
general, has been altered due to off-road act								
problematic due to the seasonality of their p	resence	with hydro	ology restri	cted to the winter	and vegeta	tion to the l	ate wi	
and early spring months each year.								#
VEGETATION								
	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test v				
1.None	70 COVET	Opecies:	Otatus 🔻	Number of Domina That Are OBL, FAC		1	(A)
2.						1	(,	'
3.				Total Number of Do Species Across All		1	(1	в)
4.				•		1	(.	<i>'</i>
Total Cover:	%			Percent of Domina That Are OBL, FAC		100.0	0/. (/	4/B)
Sapling/Shrub Stratum						100.0	70 (7	,
1. <u>None</u>			▼	Prevalence Index				
2			▼	Total % Cover		Multiply b		
3.		<u> </u>		OBL species		x 1 =	0	
4		▼		FACW species FAC species	30	x 2 = x 3 =	100	
5Total Cover:	%			FACU species	10	x 4 =	30	
Herb Stratum	70			UPL species		x 5 =	0	
1.Hordeum depressum	50	Yes	FACW	Column Totals:		(A)	130	(B)
2. Festuca perennis			FAC	Column Totals.	60	(^)	130	
3. 3.			▼	Prevalence Ir	ndex = B/A :	=	2.17	
4.				Hydrophytic Vege		cators:		
5.				X Dominance Te				
6.		lacksquare	▼	× Prevalence Inc				
7.		▼	▼	Morphological	Adaptations	s¹ (Provide su a separate sh	pporting	g
8.		▼	▼	Problematic H				
Total Cover:	60 %			r resiemado ri	yaropitytio v	egetation (E	хріанті	
Woody Vine Stratum		lacksquare	▼	¹ Indicators of hydri	ic soil and v	vetland hydro	loav m	ust
1. <i>None</i> 2.				be present.				
Total Cover:	<u>%</u>	<u> </u>		Hydrophytic				
				Vegetation				
	of Biotic C		<u>%</u>	Present?	Yes 💿	No 🔘		
Remarks: No ACOE vernal pool plant indicator spec	ies were	present w	ithin the ba	ısin.				

(inches)	Color (moist)	%	Color (moist)	x Features %Typ	e ¹ Loc ²	Texture ³	Remarks
					▼ ▼		
					T		
					T		
	oncentration, D=Deple				-	C=Root Channel, N	
	ndicators: (Applicable				oam, Clay Loa		Silt Loam, Silt, Loamy Sand, San roblematic Hydric Soils⁴:
Histosol		E LO AII LINN	Sandy Redo				(A9) (LRR C)
	pipedon (A2)		Stripped Ma	. ,			(A10) (LRR B)
Black H	istic (A3)		Loamy Muc	cky Mineral (F1)		Reduced V	ertic (F18)
	en Sulfide (A4)			yed Matrix (F2)			Material (TF2)
	d Layers (A5) (LRR C)	Depleted M	. ,		Other (Exp	lain in Remarks)
	uck (A9) (LRR D) d Below Dark Surface	(Δ11)		k Surface (F6) ark Surface (F7)			
	ark Surface (A12)	(/////		ressions (F8)			
	/lucky Mineral (S1)		Vernal Poo			⁴Indicators of hy	drophytic vegetation and
Sandy 0	Gleyed Matrix (S4)					wetland hyd	rology must be present.
Restrictive	Layer (if present):						
Type:							
Depth (in							
							he Natural Resource otential vernal pool and may
C st ar	onservation Service upport a listed fairy and wetland hydrolog	e (NRCS; shrimp sp	2020). No soil p	it was dug due	to the samp	st obtained from the point being a p	ne Natural Resource otential vernal pool and may
C su ar YDROLO	onservation Service apport a listed fairy and wetland hydrolog GY	e (NRCS; shrimp sp	2020). No soil p	it was dug due	to the samp	st obtained from the point being a part of the property of the	ne Natural Resource otential vernal pool and may esence of hydrophytic vegetat
C st an YDROLO Wetland Hy	onservation Service apport a listed fairy and wetland hydrolog GY drology Indicators:	e (NRCS; shrimp sp	2020). No soil proceeds. Hydric so	it was dug due	to the samp	st obtained from the point being a part of the property of the	ne Natural Resource otential vernal pool and may esence of hydrophytic vegetat Indicators (2 or more required)
C st ar YDROLO Vetland Hy Primary Indi	onservation Service upport a listed fairy ad wetland hydrolog GY drology Indicators: cators (any one indica	e (NRCS; shrimp sp	2020). No soil proceeds. Hydric so	it was dug due ils were assum	to the samp	st obtained from the point being a part of the present due to the pres	ne Natural Resource otential vernal pool and may esence of hydrophytic vegetat Indicators (2 or more required) Marks (B1) (Riverine)
C St AI YDROLO Wetland Hy Primary Indi Surface	onservation Service upport a listed fairy ad wetland hydrolog GY drology Indicators: cators (any one indicators)	e (NRCS; shrimp sp	2020). No soil proceeds. Hydric so	it was dug due ils were assum	to the samp	st obtained from the property of the point being a part of the property of the	ne Natural Resource otential vernal pool and may esence of hydrophytic vegetat Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine)
C St an YDROLO Wetland Hy Primary Indi Surface High Wa	onservation Service upport a listed fairy ad wetland hydrolog GY drology Indicators: cators (any one indicators) Water (A1) ater Table (A2)	e (NRCS; shrimp sp	2020). No soil p pecies. Hydric so sient) Salt Crust Biotic Crus	it was dug due ils were assum (B11) st (B12)	to the samp ed to be pre	st obtained from the property of the point being a part of the property of the	ne Natural Resource otential vernal pool and may esence of hydrophytic vegetat Indicators (2 or more required) Marks (B1) (Riverine) eent Deposits (B2) (Riverine) eeposits (B3) (Riverine)
C St ar YDROLO Wetland Hy Primary Indi Surface High Wa Saturati	onservation Service upport a listed fairy ad wetland hydrolog GY drology Indicators: cators (any one indicators) Water (A1) ater Table (A2)	e (NRCS; shrimp sp	2020). No soil proceeds. Hydric so	it was dug due ils were assum	to the samp ed to be pre	Secondary Sedim Sedim Drift D	he Natural Resource otential vernal pool and may esence of hydrophytic vegetat: Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine)
YDROLO Vetland Hy Primary Indi Surface High Wa Saturati Water M	onservation Service upport a listed fairy and wetland hydrolog GY drology Indicators: cators (any one indicators) Water (A1) ater Table (A2) on (A3)	e (NRCS; shrimp spov tor is suffic	2020). No soil proceeds. Hydric so	it was dug due ils were assum (B11) st (B12) vertebrates (B13	to the samp ed to be pre	Secondary Secondary Water Drift D Dry-Se	ne Natural Resource otential vernal pool and may esence of hydrophytic vegetati Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) age Patterns (B10)
YDROLO Vetland Hy Primary Indi Surface High Wa Saturati Water M Sedime	onservation Service upport a listed fairy and wetland hydrolog GY drology Indicators: cators (any one indicators) Water (A1) ater Table (A2) on (A3) farks (B1) (Nonrivering)	e (NRCS; shrimp spov tor is sufficence)	2020). No soil proceeds. Hydric so	it was dug due ils were assum (B11) st (B12) vertebrates (B13)	to the samp ed to be pre	Secondary Secondary Water Drift D Dry-Sots (C3) Thin M	ne Natural Resource otential vernal pool and may esence of hydrophytic vegetat: r Indicators (2 or more required) Marks (B1) (Riverine) eent Deposits (B2) (Riverine) eeposits (B3) (Riverine) ege Patterns (B10) eason Water Table (C2)
YDROLO Vetland Hy Primary Indi Surface High Wa Saturati Water M Sedime Drift De	onservation Service upport a listed fairy and wetland hydrolog oGY drology Indicators: cators (any one indicators) Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverinators)	e (NRCS; shrimp spov tor is sufficence)	2020). No soil proceeds. Hydric so	it was dug due ils were assum (B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres al	to the samp ed to be pre	Secondary Secondary Water Sedim Drift D Dry-Sets (C3) Thin M	ne Natural Resource otential vernal pool and may esence of hydrophytic vegetat Indicators (2 or more required) Marks (B1) (Riverine) eent Deposits (B2) (Riverine) eposits (B3) (Riverine) ege Patterns (B10) eason Water Table (C2) Muck Surface (C7)
YDROLO Vetland Hy Primary Indi Surface High Wa Saturati Water M Sedime Drift De Surface	onservation Service upport a listed fairy ad wetland hydrologic GY drology Indicators: cators (any one indicators) Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrivering the Deposits (B2) (Nonrivering posits (B3) (Nonrivering Soil Cracks (B6) on Visible on Aerial In	e (NRCS; shrimp spov tor is suffice	2020). No soil proceeds. Hydric so	it was dug due ils were assum (B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres al- of Reduced Iror	to the samp ed to be pre) ing Living Roc (C4) Plowed Soils (Secondary Secondary Secondary Secondary Drift D Draina Dry-Secots (C3) Satura Shallo	ne Natural Resource otential vernal pool and may esence of hydrophytic vegetat Indicators (2 or more required) Marks (B1) (Riverine) ment Deposits (B2) (Riverine) ment Deposits (B3) (Riverine) ment Deposits (B1) (Riverine) ment Deposits (B2) (Riverine) ment Deposits (B3) (Riverine) ment Deposits (Riverin
YDROLO Vetland Hy Primary Indi Surface High Wa Saturati Water M Sedime Drift De Surface Inundati Water-S	onservation Service upport a listed fairy ad wetland hydrolog of Y drology Indicators: cators (any one indicators) water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverint Deposits (B2) (Nonposits (B3) (Nonrivering Soil Cracks (B6) on Visible on Aerial Instained Leaves (B9)	e (NRCS; shrimp spov tor is suffice	2020). No soil proceeds. Hydric so	it was dug due ils were assum (B11) st (B12) vertebrates (B1: Sulfide Odor (C Rhizospheres al- of Reduced Iror on Reduction in l	to the samp ed to be pre) ing Living Roc (C4) Plowed Soils (Secondary Secondary Secondary Secondary Drift D Draina Dry-Secots (C3) Satura Shallo	ne Natural Resource otential vernal pool and may esence of hydrophytic vegetat Indicators (2 or more required) Marks (B1) (Riverine) eent Deposits (B2) (Riverine) eeposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) Muck Surface (C7) sh Burrows (C8) ation Visible on Aerial Imagery (C9)
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Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: 2/27/2020
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 279
Investigator(s): Beth Procsal and Raquel Atik		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 2.55238110	52	Long: -117.018384971 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl				NWI classification: Depression
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in Remarks.)
				Are "Normal Circumstances" present? Yes X No
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes X	_No	_ le ti	ne Sampled	Area
	_No		nin a Wetlan	YAS X NO
Wetland Hydrology Present? Yes X	_No	_		
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		rbed due to	past land use	es. This feature was sampled during the growing season and
Control Cont	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2.				Total Number of Dominant
3				Percent of Dominant Species 1 (B)
4		= Total Cove		That Are OBL, FACW, or FAC:(A/B)
Sapling/Shrub Stratum (Plot size:)		- Total Cove	5 1	
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species x 1 = 0
4.				FACW species50 x 2 =100
5.				FAC species x 3 =0
		= Total Cove	er	FACU species x 4 =0
Herb Stratum (Plot size:)				UPL species x 5 =0
1. Hordeum depressum	50	Yes	FACW	Column Totals:50 (A)100(B)
2.				Prevalence Index = B/A = 2.00
3				
4.				Hydrophytic Vegetation Indicators:
5.				X Dominance Test is >50%
6				X Prevalence Index is ≤3.0¹
8.				 Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
G	50	= Total Cov	 /er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:		rotal co		Troblematic Hydrophytic vegetation (Explain)
1none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 50	ver of Biotic	Crust	0	Vegetation Present? Yes X No
Remarks: No ACOE vernal pool plant indicator species	were preser	nt within the I	basin.	

Depth	Matrix		Redox				
(inches)	Color (moist)	%	Color (moist)	% Type ¹	Loc ²	Texture	Remarks
							
							
		· —— ·					
IT 0-0		- DM-D			21	DI -D I	ining DO-Do-A Observat NA-Markin
			ed Matrix, CS=Covered or				ining, RC=Root Channel, M=Matrix.
•		able to all L	RRs, unless otherwis	•	•		r Problematic Hydric Soils ³ :
Histosol	` '		Sandy Redo	` '	_		ck (A9) (LRR C)
	pipedon (A2)		Stripped Ma	` '	_		ck (A10) (LRR B)
Black Hi	` '			ky Mineral (F1)	_		Vertic (F18)
, ,	n Sulfide (A4)			ed Matrix (F2)	_		nt Material (TF2)
	Layers (A5) (LRR	C)	Depleted Ma	` '	_	X Other (Ex	plain in Remarks)
	ick (A9) (LRR D)			Surface (F6)			
	Below Dark Surfac	e (A11)		ark Surface (F7)			
	ark Surface (A12)			ressions (F8)	3		hydrophytic vegetation and
	lucky Mineral (S1)		Vernal Pool	s (F9)			ydrology must be present,
Sandy G	Gleyed Matrix (S4)					unless dis	turbed or problematic.
Restrictive L	ayer (if present):						
Type:							
Depth (inch				de of the Review	1	dric Soil Prese	ent? Yes X No Some were assumed to be present due to
Depth (inch	o soil pit was dug du			de of the Review	1		
Depth (inches presence	o soil pit was dug du of hydrophytic vege	etation and w		de of the Review	1	er, hydric soils	were assumed to be present due to
Depth (inches presence presenc	o soil pit was dug du of hydrophytic vego Y drology Indicators	etation and w	etland hydrology.	de of the Review	1	er, hydric soils Secor	were assumed to be present due to
Depth (inches presence presenc	o soil pit was dug du of hydrophytic vege Y drology Indicators cators (minimum of	etation and w	etland hydrology.		1	er, hydric soils Secor	ndary Indicators (2 or more require ater Marks (B1) (Riverine)
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Depth (inche Remarks: None presence Proposed Proposed Proposed Primary India Surface High Wassaturation Primary Saturation Primary Saturation Primary Saturation Primary India Surface High Wassaturation Primary India Saturation Primary India Satur	o soil pit was dug du of hydrophytic vege Y drology Indicators cators (minimum of Water (A1) ater Table (A2)	etation and w	; check all that apply) Salt Crust (B X Biotic Crust (Aquatic Inver	11) B12) tebrates (B13) ulfide Odor (C1)	Area. Howeve	Secor W Se Dr	adary Indicators (2 or more require ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) ift Deposits (B3) (Riverine)
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Primary Indi Surface High Water M Sedimel Drift Dej X Surface Inundati	drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) (Nonrive others) (B2) (Nonrive others) (B3) (Nonrive Soil Cracks (B6)	etation and w : cone required rine) conriverine) erine)	; check all that apply) Salt Crust (B X Biotic Crust (Aquatic Inver Hydrogen Su Oxidized Rhi Presence of Recent Iron F	11) B12) tebrates (B13) ilfide Odor (C1) zospheres along Reduced Iron (C2 Reduction in Tilled	Area. Howeve	Secor W Se Dr Dr C3) Tr Sa	adary Indicators (2 or more require ater Marks (B1) (Riverine) adiment Deposits (B2) (Riverine) ainage Patterns (B10) y-Season Water Table (C2) ain Muck Surface (C7) ayfish Burrows (C8) aturation Visible on Aerial Imagery (Carterns (C8))
Primary Indi Surface High Water M Sedimel Drift Del X Surface Inundati Water-S	y drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) (Nonrive nt Deposits (B2) (Nonrive Soil Cracks (B6) on Visible on Aerial stained Leaves (B9)	etation and w : cone required rine) conriverine) erine)	; check all that apply) Salt Crust (B X Biotic Crust (Aquatic Inver Hydrogen Su Oxidized Rhi Presence of Recent Iron F	11) B12) tebrates (B13) Ilfide Odor (C1) zospheres along Reduced Iron (C4 Reduction in Tilled urface (C7)	Area. Howeve	Secor W Se Dr Dr C3) Tr Sa	adary Indicators (2 or more require ater Marks (B1) (Riverine) adiment Deposits (B2) (Riverine) ainage Patterns (B10) y-Season Water Table (C2) ayfish Burrows (C8) aturation Visible on Aerial Imagery (Catallow Aquitard (D3)
Depth (inch Remarks: No he presence YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water N Sedimen Drift Dep X Surface Inundati Water-S Field Observiole	drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) (Nonrive of Deposits (B2) (Norive Soil Cracks (B6) on Visible on Aerial stained Leaves (B9)	etation and w : one required prine) prine) erine) Imagery (B7	; check all that apply) Salt Crust (B X Biotic Crust (Aquatic Inver Hydrogen Su Oxidized Rhi Presence of Recent Iron F Thin Muck Si Other (Explai	11) B12) tebrates (B13) Ilfide Odor (C1) zospheres along Reduced Iron (C4 Reduction in Tilled urface (C7) in in Remarks)	Area. Howeve	Secor W Se Dr Dr C3) Tr Sa	adary Indicators (2 or more require ater Marks (B1) (Riverine) adiment Deposits (B2) (Riverine) ainage Patterns (B10) y-Season Water Table (C2) ayfish Burrows (C8) aturation Visible on Aerial Imagery (Catallow Aquitard (D3)
Primary India Surface High Water M Sedimer Drift Dep X Surface Inundati Water-S Field Obsers	drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) (Nonrive ot (B3) (Nonriv	etation and w : one required prine) onriverine) erine) Imagery (B7	; check all that apply) Salt Crust (B X Biotic Crust (Aquatic Inver Hydrogen Su Oxidized Rhi Presence of Recent Iron F) Thin Muck Si Other (Explai	11) B12) tebrates (B13) ilfide Odor (C1) zospheres along Reduced Iron (C4 Reduction in Tilled urface (C7) in in Remarks)	Area. Howeve	Secor W Se Dr Dr C3) Tr Sa	adary Indicators (2 or more require ater Marks (B1) (Riverine) adiment Deposits (B2) (Riverine) ainage Patterns (B10) y-Season Water Table (C2) ayfish Burrows (C8) aturation Visible on Aerial Imagery (Catallow Aquitard (D3)
Primary Indi Surface High Water M Sedimel Drift Del X Surface Inundati Water-S Gield Observ Vater Table	do soil pit was dug du of hydrophytic veget of hydr	etation and w : cone required prine) prine) Imagery (B7	; check all that apply) Salt Crust (B X Biotic Crust (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11) B12) tebrates (B13) ilfide Odor (C1) zospheres along Reduced Iron (C2 Reduction in Tilled urface (C7) in in Remarks)):	Living Roots (4)	Secor W Se Dr Dr C3) Tr C1 S2 Sr	adary Indicators (2 or more require ater Marks (B1) (Riverine) adiment Deposits (B2) (Riverine) ainage Patterns (B10) y-Season Water Table (C2) ayfish Burrows (C8) aturation Visible on Aerial Imagery (Callow Aquitard (D3) AC-Neutral Test (D5)
Depth (inch Remarks: No he presence YDROLOG Wetland Hy Primary Indi Surface High Water No Sedimen Drift Dep X Surface Inundati Water-S Field Observ Nater Table Saturation Pr	do soil pit was dug du of hydrophytic veget of hydr	etation and w : cone required prine) prine) Imagery (B7	; check all that apply) Salt Crust (B X Biotic Crust (Aquatic Inver Hydrogen Su Oxidized Rhi Presence of Recent Iron F) Thin Muck Si Other (Explai	11) B12) tebrates (B13) ilfide Odor (C1) zospheres along Reduced Iron (C2 Reduction in Tilled urface (C7) in in Remarks)):	Living Roots (4)	Secor W Se Dr Dr C3) Tr Sa	adary Indicators (2 or more require ater Marks (B1) (Riverine) adiment Deposits (B2) (Riverine) ainage Patterns (B10) y-Season Water Table (C2) ayfish Burrows (C8) aturation Visible on Aerial Imagery (Callow Aquitard (D3) AC-Neutral Test (D5)
Depth (inch Remarks: No the presence YDROLOG Wetland Hy Primary Indi Surface High Water No Sedimer Drift Depty X Surface Inundati Water-S Field Observ Surface Water Vater Table Saturation Princludes cap	do soil pit was dug du of hydrophytic veget de la control pit was dug du of hydrophytic veget de la control pit de la co	etation and w : one required prine) prine) Imagery (B7 /es /es /es	; check all that apply) Salt Crust (B X Biotic Crust (Aquatic Inver Hydrogen Su Oxidized Rhi Presence of Recent Iron F) Thin Muck Si Other (Explai	11) B12) tebrates (B13) ulfide Odor (C1) zospheres along Reduced Iron (C2 Reduction in Tilled urface (C7) in in Remarks)):	Area. However Living Roots (1) d Soils (C6) Wetland I	Secor W Se Dr Dr C3) Tr Se Sr FA	adary Indicators (2 or more require ater Marks (B1) (Riverine) adiment Deposits (B2) (Riverine) ainage Patterns (B10) y-Season Water Table (C2) ayfish Burrows (C8) aturation Visible on Aerial Imagery (Callow Aquitard (D3) AC-Neutral Test (D5)
Depth (inch Remarks: No the presence YDROLOG Wetland Hy Primary Indi Surface High Water No Sedimer Drift Depty X Surface Inundati Water-S Field Observ Surface Water Vater Table Saturation Princludes cap	do soil pit was dug du of hydrophytic veget de la control pit was dug du of hydrophytic veget de la control pit de la co	etation and w : one required prine) prine) Imagery (B7 /es /es /es	; check all that apply) Salt Crust (B X Biotic Crust (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11) B12) tebrates (B13) ulfide Odor (C1) zospheres along Reduced Iron (C2 Reduction in Tilled urface (C7) in in Remarks)):	Area. However Living Roots (1) d Soils (C6) Wetland I	Secor W Se Dr Dr C3) Tr Se Sr FA	adary Indicators (2 or more require ater Marks (B1) (Riverine) adiment Deposits (B2) (Riverine) ainage Patterns (B10) y-Season Water Table (C2) ayfish Burrows (C8) aturation Visible on Aerial Imagery (Callow Aquitard (D3) AC-Neutral Test (D5)
Depth (inch Remarks: No the presence YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimer Drift Dep X Surface Inundati Water-S Field Observ Surface Water Vater Table Saturation Pr includes cap escribe Reco	do soil pit was dug du of hydrophytic veget de de la control pit was dug du of hydrophytic veget de la control pit water (A1) ater Table (A2) on (A3) darks (B1) (Nonrive ot Deposits (B2) (Nonrive ot Deposits (B3) (Nonrive ot D	citation and water ine) cone required	; check all that apply) Salt Crust (B X Biotic Crust (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11) B12) tebrates (B13) ilfide Odor (C1) zospheres along Reduced Iron (C2 Reduction in Tilled urface (C7) in in Remarks)):	Area. However Living Roots (1) I) I Soils (C6) Wetland I	Secor W Se Dr Dr Cr Sa Sr FA	adary Indicators (2 or more require ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) eith Deposits (B3) (Riverine) ainage Patterns (B10) sy-Season Water Table (C2) eith Muck Surface (C7) ayfish Burrows (C8) eturation Visible on Aerial Imagery (Callow Aquitard (D3) AC-Neutral Test (D5)
Depth (inch Remarks: No he presence YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimer Drift Dep X Surface Inundati Water-S Field Observ Surface Water Vater Table Saturation Pr includes cap escribe Reco	do soil pit was dug du of hydrophytic veget de la control pit was dug du of hydrophytic veget de la control pit was dug du of hydrophytic veget de la control pit was de la cont	ciation and was etation and etation an	; check all that apply) Salt Crust (B X Biotic Crust (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11) B12) tebrates (B13) Ilfide Odor (C1) zospheres along Reduced Iron (C2 Reduction in Tilled urface (C7) in in Remarks)):):): s, previous inspect	Area. However Living Roots (1) d Soils (C6) Wetland Fetions), if available ce of surface s	Secor W Se Dr Dr Cr Sa Sr FA	adary Indicators (2 or more require ater Marks (B1) (Riverine) adiment Deposits (B2) (Riverine) ainage Patterns (B10) y-Season Water Table (C2) ayfish Burrows (C8) aturation Visible on Aerial Imagery (Callow Aquitard (D3) AC-Neutral Test (D5)
Depth (inch Remarks: No he presence YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimer Drift Dep X Surface Inundati Water-S Field Observ Surface Water Vater Table Saturation Princludes cap escribe Reco	do soil pit was dug du of hydrophytic veget de la control pit was dug du of hydrophytic veget de la control pit was dug du of hydrophytic veget de la control pit was de la cont	ciation and was etation and etation an	; check all that apply) Salt Crust (B X Biotic Crust (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11) B12) tebrates (B13) Ilfide Odor (C1) zospheres along Reduced Iron (C2 Reduction in Tilled urface (C7) in in Remarks)):):): s, previous inspect	Area. However Living Roots (1) d Soils (C6) Wetland Fetions), if available ce of surface s	Secor W Se Dr Dr Cr Sa Sr FA	adary Indicators (2 or more require ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) eith Deposits (B3) (Riverine) ainage Patterns (B10) sy-Season Water Table (C2) eith Muck Surface (C7) ayfish Burrows (C8) eturation Visible on Aerial Imagery (Callow Aquitard (D3) AC-Neutral Test (D5)

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	o Sampling Date: 3/3/2020
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 280
Investigator(s): Beth Procsal and Raquel Atik		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.552156446	62	Long: -117.018470271 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: None
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No
Are Vegetation Soil , or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			
Hydric Soil Present? Yes	No X		ne Sampled . nin a Wetland	YAS NO X
Wetland Hydrology Present? Yes X	No		iii a vvetiaii	u:
Remarks: The majority of the vegetation on the site had does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to p	past land use	es. This feature was sampled during the growing season and
VEGETATION – Use scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1. None	% Cover		Status	Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
2				Total Number of Dominant
4.				Percent of Dominant Species [B]
4.		= Total Cove		That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)		- Total Gove	, 1	
1. None				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species1 x 1 =1
4.				FACW species1 x 2 =2
5.				FAC species1 x 3 =3
	0	= Total Cove	er	FACU species 1 x 4 = 4
Herb Stratum (Plot size:)				UPL species 90 x 5 = 450
Plagiobothrys acanthocarpus	1	No	OBL	Column Totals:94
2. Avena sp.	90	Yes	UPL	Prevalence Index = B/A = 4.89
3. Atriplex semibaccata		No No	FAC	
4. Melilotus indicus	1	No	FACU	Hydrophytic Vegetation Indicators:
5. Psilocarphus brevissimus	1	No	FACW	Dominance Test is >50%
6.				Prevalence Index is ≤3.0¹
7. 8.				 Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
o	94	= Total Cov	vor.	Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)		- Total Cov	GI	Problematic Hydrophytic Vegetation (Explain)
1 None				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
	0	= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum6	ver of Biotic	Crust	0	Vegetation Present? Yes No X
Remarks: Sample area is a vernal pool that receives ru	inoff from a	relatively sma	III local micro	-watershed. While the sample area does not support a
predominance of hydrophytic vegetation, it does suppor brevissimus).				

Profile Desc	cription: (Describe	to the depth nee	eded to docun	nent the inc	dicator or	confirm t	the absenc	e of indicate	ors.)	
Depth	Matrix			Redox Featu					_	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu	ire	Rem	arks
				_						
										_
	-			-			_			
				-						
				_			_			
	-									
¹ Type: C=Co	ncentration, D=Deplet	ion, RM=Reduced M	latrix, CS=Cover	ed or Coated	Sand Grains	s. ²	² Location: PL	=Pore Lining, I	RC=Root Chann	el, M=Matrix.
Hydric Soi	I Indicators: (Appl	icable to all LRRs	s, unless othe	rwise note	ed.)		Indicat	ors for Prob	olematic Hydr	ic Soils³:
Histoso	l (A1)		Sandy	Redox (S5))		1 c	m Muck (A9)) (LRR C)	
Histic E	pipedon (A2)		Strippe	ed Matrix (S	6)		2 c	m Muck (A1	0) (LRR B)	
Black H	listic (A3)		Loamy	Mucky Min	eral (F1)		Re	duced Vertic	(F18)	
	en Sulfide (A4)			Gleyed Ma				d Parent Ma	` ,	
	ed Layers (A5) (LRF	R C)		ed Matrix (F	•		Oth	ner (Explain i	n Remarks)	
	uck (A9) (LRR D)			Dark Surfa	` '					
	ed Below Dark Surfa	ace (A11)		ed Dark Sui			2			
	Park Surface (A12)			Depression	is (F8)				phytic vegetati	
	Mucky Mineral (S1) Gleyed Matrix (S4)		vernai	Pools (F9)				-	gy must be pre I or problemati	
Sandy	Gleyed Mairix (34)						uriie	ess disturbed	i or problemati	U.
Restrictive	Layer (if present):									
Type:										
Depth (inc	ches):						Hydric Soi	il Present?	Yes	NoX
Remarks: T	he sampled area s	upports a predomi	nance of uplar	nd vegetatio	n and does	s not mee	et the hydror	ohvtic vegeta	ation standard	to be considered a
	erefore, no soil pit v						, ,	, ,		
HYDROLOG										
1	ydrology Indicator									or more required)
Primary Ind	licators (minimum c	f one required; ch	eck all that app	oly)				Water M	larks (B1) (Riv	rerine)
Surface	e Water (A1)		Salt Cru	ıst (B11)				Sedimer	nt Deposits (B2	2) (Riverine)
High W	ater Table (A2)		X Biotic C	rust (B12)			,	Drift Dep	oosits (B3) (Ri	verine)
Saturat	tion (A3)		Aquatic	Invertebrate	es (B13)			Drainage	e Patterns (B1	0)
Water I	Marks (B1) (Nonriv	erine)	Hydroge	en Sulfide C	Odor (C1)			Dry-Sea	son Water Tal	ole (C2)
Sedime	ent Deposits (B2) (N	lonriverine)	Oxidize	d Rhizosphe	eres along l	Living Ro	oots (C3)	Thin Mu	ck Surface (C	7)
Drift De	eposits (B3) (Nonri	verine)	Present	e of Reduc	ed Iron (C4	1)		Crayfish	Burrows (C8)	
X Surface	e Soil Cracks (B6)		Recent	Iron Reduct	tion in Tilled	d Soils (C	6)	 Saturation	on Visible on A	erial Imagery (C9)
Inunda	tion Visible on Aeria	al Imagery (B7)	Thin Mu	ck Surface	(C7)			— Shallow	Aquitard (D3)	
l —	Stained Leaves (B9			Explain in R			•		utral Test (D5))
		<u>, </u>		<u> </u>			'		. ,	
Field Obser	rvations: ter Present?	Voc. No.	V Donth (in	oboo):						
			X Depth (in			_				
Water Table			Depth (in			- l		_		
Saturation F	resent? pillary fringe)	Yes No	Depth (in	cnes):		_ wetia	and Hydrol	ogy Presen	t? Yes	XNo
-	corded Data (strear	n gauge monitorir	na well periol r	hotos prev	ious inspec	ctions) if	available:			
Describe Nec	Bolded Data (Stream	ir gauge, monitorii	ig well, aerial p	niolos, piev	rious irispec	500113 <i>)</i> , 11	avallable.			
Remarks: Al	though no surface v	water was present	at the time of	the delineat	tion, eviden	ice of sur	face soil cra	cks and biot	ic crust indicat	e that the area
supports wet	land hydrology. Wa	ter table level and	saturation are	not known	as a soil pi	t was not	dug.			

Applicant/Owner: Pardee Homes State: CA Sampling Point: 281 Investigator(s): Beth Proscal, Raquel Atik Landform (hillslope, terrace, etc.): mesa top Local relief (concave, convex, none): concave Slope (%): 0-2 Subregion (LRR): C - Mediterranean California Lat: 32.5518668359 Long: -117.018420382 Datum: NAD83 Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slopes Are limatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.) Are Vegetation X Soil or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No								
Landform (hillslope, terrace, etc.): mesa top Local relief (concave, convex, none): concave Slope (%): 0-2 Subregion (LRR): C - Mediterranean California Lat: 32.5518668359 Long: -117.018420382 Datum: NAD83 Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slopes NWI classification: depression Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)								
Subregion (LRR): C - Mediterranean California Lat: 32.5518668359 Long: -117.018420382 Datum: NAD83 Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slopes NWI classification: depression Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)								
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slopes NWI classification: depression Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)								
Are climatic / hydrologic conditions on the site typical for this time of year? YesXNo(If no, explain in Remarks.)								
are Vegetation X, Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No								
Are Vegetation, SoilX, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)								
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.								
Hydrophytic Vegetation Present? Yes X No								
Hydric Soil Present? Yes X No Is the Sampled Area within a Wetland? Yes X No								
Wetland Hydrology Present? Yes X No								
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing seasor	and							
meets the wetland criteria.								
VEGETATION – Use scientific names of plants.								
Absolute Dominant Indicator Tree Stratum (Plot size: Absolute Dominant Indicator Species? Status Number of Dominant Species								
1. none Status (Flot size)	. l							
2 Total Number of Dominant	′							
3. Species Across All Strata: 2 (E	.)							
4. Percent of Dominant Species								
= Total Cover That Are OBL, FACW, or FAC: 100 (A	/B)							
Sapling/Shrub Stratum (Plot size:)								
1. none Prevalence Index worksheet:								
2 Total % Cover of: Multiply by:								
3 OBL species x 1 =								
4 FACW species x 2 =								
5 FAC species x 3 =								
= Total Cover								
Herb Stratum (Plot size:)								
1. <u>Juncus bufonius</u> 25YesFACW Column Totals: (A) (B)								
2. Lepidium latipes 5 No FACW Prevalence Index = B/A =								
3. Spergularia bocconi 17 Yes FACW								
4. Psilocarphus brevissimus 1 No FACW Hydrophytic Vegetation Indicators:								
5. Plantago elongata 2 No FACW X Dominance Test is >50%								
6. Plagiobothrys acanthocarpus 1 No OBL Prevalence Index is ≤3.0¹								
7 Morphological Adaptations¹ (Provide supportin data in Remarks or on a separate sheet)	3							
Woody Vine Stratum (Plot size:								
1 Indicators of hydric soil and wetland hydrology must	.							
he procent upless disturbed or problematic	١							
	-							
Z								
= Total Cover Hydrophytic								
Z								
= Total Cover Hydrophytic Vegetation								
### Total Cover ### Hydrophytic Vegetation We Bare Ground in Herb Stratum 49								
= Total Cover Hydrophytic Vegetation Present? Yes X No Remarks: Sample area is a vernal pool that receives runoff from a relatively small local micro-watershed. In addition to the vernal pool consisting								

(inches) Color (mois 0-5 10YR 4/2 10YR 10YR 10YR 10YR 10YR 10YR 10YR 10YR	ppletion, RM=Rec pplicable to a LRR C) D) Surface (A11) [2) [S1) [S4) [nt): cks/compacted as observed. He	Il LRRs, unles	S=Covered or Coat ss otherwise no Sandy Redox (S Stripped Matrix Loamy Mucky M Loamy Gleyed M Depleted Matrix Redox Dark Sur Depleted Dark S Redox Depressi Vernal Pools (FS	ted.) (S6) (Ineral (F1) Matrix (F2) (F3) face (F6) Surface (F7) ons (F8) (F8)	²Locatio Inc ———————————————————————————————————	n: PL=Pore Lir dicators for 1 cm Muck 2 cm Muck Reduced V Red Paren Other (Exp dicators of hy wetland hyo unless distu	no redox ning, RC=Root C Problematic I (A9) (LRR C) (A10) (LRR E) retic (F18) t Material (TF2 lain in Remark drology must b urbed or proble nt? Yes	3) (2) (4s) (getation and one present, ematic.
¹Type: C=Concentration, D=De Hydric Soil Indicators: (A Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) (I 1 cm Muck (A9) (LRR I Depleted Below Dark S Thick Dark Surface (A1 Sandy Mucky Mineral (Sandy Gleyed Matrix (3 Restrictive Layer (if prese Type: shovel refusal (roc Depth (inches): 5 Remarks: No redox feature wetland hydrology. This featonditions, or other factors, HYDROLOGY Wetland Hydrology Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Not Sediment Deposits (B2)	LRR C) D) Surface (A11) 12) S1) S4) nt): cks/compacted	Il LRRs, unles	Sandy Redox (S Sandy Redox (S Stripped Matrix Loamy Mucky M Loamy Gleyed M Depleted Matrix Redox Dark Sur Depleted Dark S Redox Depressi Vernal Pools (FS	ted.) (S6) (Ineral (F1) Matrix (F2) (F3) face (F6) Surface (F7) ons (F8) (F8)	² Locatio Inc. ————————————————————————————————————	n: PL=Pore Lir dicators for 1 cm Muck 2 cm Muck Reduced V Red Paren Other (Exp dicators of hy wetland hyo unless distu	ning, RC=Root C Problematic I (A9) (LRR C) (A10) (LRR E) retric (F18) t Material (TF2 lain in Remark ydrophytic veg drology must b urbed or proble	Hydric Soils ³ :) 2) (ss) getation and be present, ematic.
Hydric Soil Indicators: (A Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) (I 1 cm Muck (A9) (LRR I Depleted Below Dark S Thick Dark Surface (A1 Sandy Mucky Mineral (Sandy Gleyed Matrix (S Restrictive Layer (if prese Type: shovel refusal (roo Depth (inches): 5 Remarks: No redox feature wetland hydrology. This feat conditions, or other factors, IYDROLOGY Wetland Hydrology Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Notes) Sediment Deposits (B2)	LRR C) D) Surface (A11) (S1) S4) nt): cks/compacted	Il LRRs, unles	Sandy Redox (S Sandy Redox (S Stripped Matrix Loamy Mucky M Loamy Gleyed M Depleted Matrix Redox Dark Sur Depleted Dark S Redox Depressi Vernal Pools (FS	ted.) (S6) (Ineral (F1) Matrix (F2) (F3) face (F6) Surface (F7) ons (F8) (F8)	Ind 	dicators for 1 cm Muck 2 cm Muck Reduced V Red Paren Other (Exp dicators of hy wetland hyd unless distu	Problematic I (A9) (LRR C) (A10) (LRR E 'ertic (F18) t Material (TF2 lain in Remark ydrophytic veg drology must b urbed or proble	Hydric Soils ³ :) 2) (ss) getation and be present, ematic.
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Sediment Deposits (B2			Aquatic Invertebr	` '			inage Patterns	
			Hydrogen Sulfide	, ,			-Season Wate	
			Oxidized Rhizosp	_	ving Roots (C	<i>'</i> —	n Muck Surfac	` '
Drift Deposits (B3) (No	•		Presence of Red				yfish Burrows	
X Surface Soil Cracks (B	•		Recent Iron Redu		Soils (C6)			on Aerial Imagery (C
Inundation Visible on A			Thin Muck Surfac				Illow Aquitard	• •
Water-Stained Leaves	(B9)		Other (Explain in	Remarks)		FA0	C-Neutral Test	t (D5)
Field Observations:								
Surface Water Present?	Yes	No_X_De	epth (inches): _		.			
Water Table Present?	Yes		epth (inches):					
Saturation Present?	Yes		epth (inches):		Wetland Hy	drology Pre	sent? Ye	s X No
(includes capillary fringe)								
Describe Recorded Data (str		onitoring well,	aerial photos, pr	evious inspecti	ons), if availat	ole:		
							11.0	
Remarks: Although no surfa	ream gauge, m				of cultare co	oll cracks and	a biotic crust	indicate that the area
upports wetland hydrology.	ream gauge, m	present at the t	time of the deline	ation, evidence	or surface se			

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: 2/27/2020
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 282
Investigator(s): Beth Procsal and Raquel Atik		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.551851029	93	Long: -117.018365062 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: Depression
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in Remarks.)
				Are "Normal Circumstances" present? Yes X No
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes X	_No	— le ti	ne Sampled .	Aroa
Hydric Soil Present? Yes X	_No		nin a Wetlan	YAS X NA
Wetland Hydrology Present? Yes X	_No	_		
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		irbed due to	past land use	es. This feature was sampled during the growing season and
VEGETATION — 636 Scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1. none	% Cover		Status	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 1 (B)
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0 (A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cove	er	
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species x 1 = 0
4.				FACW species40 x 2 =80
5.				FAC species15 x 3 =45
		= Total Cove	er	FACU species x 4 =0
Herb Stratum (Plot size:)				UPL species x 5 =0
1. Distichlis spicata	5	No	FAC	Column Totals:55 (A)125(B)
2. Hordeum depressum	40	Yes	FACW	Prevalence Index = B/A = 2.27
3. Festuca perennis	10	No	FAC	Hudus abudis Va sateti sa Indianta sa
5.				Hydrophytic Vegetation Indicators:
6				X Dominance Test is >50% X Prevalence Index is ≤3.0¹
7				Morphological Adaptations¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	55	= Total Cov	/er	Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:				: resiemano : iyarep: iyae t egerane. (ipia)
1. none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2				
% Bare Ground in Herb Stratum 45 % Co	ver of Biotic	= Total Cove	er O	Hydrophytic Vegetation Present? Yes X No
Remarks: No ACOE vernal pool plant indicator species				
remains. No noce vernal pool plant indicator species	WOLG PIESE	i i via iii u ie i	Jagii i.	

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Features	<u> </u>			
(inches)	Color (moist)	%	Color (moist)	% T	Гуре¹	Loc ²	Texture	e Remarks
¹ Type: C=Con	centration, D=Depletion,	RM=Reduced N	Matrix, CS=Covered	d or Coated Sai	nd Grains.	² Lc	ocation: PL=F	Pore Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applicat	le to all LRR	s, unless other	wise noted.)			Indicato	rs for Problematic Hydric Soils ³ :
Histosol				Redox (S5)				Muck (A9) (LRR C)
	oipedon (A2)			Matrix (S6)				Muck (A10) (LRR B)
					J /E4\			
	stic (A3)			Aucky Minera				uced Vertic (F18)
	en Sulfide (A4)			Sleyed Matrix	(F2)			Parent Material (TF2)
	d Layers (A5) (LRR C)			d Matrix (F3)			X Othe	er (Explain in Remarks)
1 cm Mu	uck (A9) (LRR D)		Redox D	ark Surface ((F6)			
Depleted	d Below Dark Surface	(A11)	Depleted	d Dark Surfac	e (F7)			
Thick Da	ark Surface (A12)		Redox D	epressions (F8)		3Indicato	rs of hydrophytic vegetation and
Sandy N	Mucky Mineral (S1)		Vernal P	Pools (F9)			wetla	nd hydrology must be present,
	Gleyed Matrix (S4)			()				s disturbed or problematic.
Restrictive I	_ayer (if present):							
Type:								
Depth (incl	nes):					H	Hydric Soil I	Present? Yes X No
			•					soils were assumed to be present due to
HYDROLOG	Υ							
Wetland Hy	drology Indicators:						9	econdary Indicators (2 or more required)
_				۸			<u> </u>	
	cators (minimum of on	e requirea; cr		-				Water Marks (B1) (Riverine)
X Surface	Water (A1)		Salt Crus	t (B11)			_	Sediment Deposits (B2) (Riverine)
High Wa	ater Table (A2)		X Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)
X Saturati	on (A3)		Aquatic Ir	nvertebrates ((B13)			Drainage Patterns (B10)
	Narks (B1) (Nonriveri n	(A)		Sulfide Odo			_	Dry-Season Water Table (C2)
						ina Doot	to (C2)	
	nt Deposits (B2) (Non	,		Rhizosphere	_	ing Root	is (C3) _	Thin Muck Surface (C7)
	posits (B3) (Nonriveri	ne)		of Reduced			_	Crayfish Burrows (C8)
Surface	Soil Cracks (B6)		Recent In	on Reduction	in Tilled S	oils (C6)) _	Saturation Visible on Aerial Imagery (C9)
Inundati	on Visible on Aerial Im	agery (B7)	Thin Muc	k Surface (C7	7)			Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	plain in Rema	arks)		_	FAC-Neutral Test (D5)
						1	_	
Field Obser	vations:							
Surface Wate	er Present? Ye	s <u>X</u> No	Depth (incl	nes):	1			
Water Table	Present? Ye	s No	_X Depth (incl	nes):				
Saturation Pr	resent? Ye	s X No			0	Wetlan	nd Hydrolo	gy Present? Yes X No
(includes cap		<u> </u>				- Total	ia riyarolo;	9) 11000 iii 100 <u>//</u> 110
		uge monitori	na well perial ph	intos previou	is inspectio	nns) if av	vailable: n/	a
	orded Data (stream da		ng wen, aenai pi	iotos, previou	is inspectic), ii av	valiable. The	
	orded Data (stream ga	a.g.c,						
	orded Data (stream ga	g.c,						
			of the delineation	and the pre	sence of h	vdronhv	tic vegetation	on: both indicating that the area supports
Remarks: Su	rface water was prese		of the delineation	n, and the pre	esence of h	nydrophy	/tic vegetation	on; both indicating that the area supports
	rface water was prese		of the delineation	n, and the pre	esence of h	nydrophy	/tic vegetation	on; both indicating that the area supports
Remarks: Su	rface water was prese		of the delineatior	n, and the pre	esence of h	nydrophy	/tic vegetation	on; both indicating that the area supports
Remarks: Su	rface water was prese		of the delineation	n, and the pre	esence of h	nydrophy	/tic vegetation	on; both indicating that the area supports

Project/Site: Southwest Village Specific Plan Project		City/Cour	ity: San Dieg	0	Sampling Date: 2.27.20			
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: 283			
Investigator(s): Beth Proscal, Raquel Atik		Section,	Township, R	ange: Section 31, T18S R	01W			
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slope (%): 0	-2		
Subregion (LRR): C - Mediterranean California	Lat: :	32.55149103	65	Long: -117.018442163	Datum: NAD83	3		
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification	n: None			
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in F	Remarks.)			
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ed?	Are "Normal Circumstances	"present? Yes X N	No		
Are Vegetation Soil X, or Hydrology	natura	ally problema	tic? ((If needed, explain any ansv	wers in Remarks.)			
SUMMARY OF FINDINGS – Attach site map sh				s transacts important	foatures etc			
SOMMANT OF FINDINGS - Attach site map si	lowing sa		iit iocations	s, transects, important	leatures, etc.			
Hydrophytic Vegetation Present? Yes X No Is the Sampled Area								
Hydric Soil Present? Yes X	_No		nin a Wetland	Yes X	No			
Wetland Hydrology Present? Yes X	_No	_						
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and meets the wetland criteria.								
VEGETATION – Use scientific names of plants	S.							
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works				
1. none	70 COVEI	_opecies:	Status	Number of Dominant Spe That Are OBL, FACW, or		(A)		
2.				Total Number of Dominar	nt	_(^)		
3				Species Across All Strata Percent of Dominant Spe		_(B)		
4		= Total Cove	 er	That Are OBL, FACW, or		_(A/B)		
Sapling/Shrub Stratum (Plot size:)								
1. none				Prevalence Index works	sheet:			
2.				Total % Cover of:	Multiply by:	-		
3.				OBL species	x 1 =	-		
4				FACW species	x 2 =	-		
5				FAC species	x 3 =			
		= Total Cove	er	FACU species	x 4 =			
Herb Stratum (Plot size:)				UPL species	x 5 =			
1. Spergularia bocconi	6	Yes	FACW	Column Totals:	(A)	_(B)		
2. Psilocarphus brevissimus	1	No No	FACW	Prevalence Index	= B/A =			
3. Festuca perennis		Yes	FAC	The december the Manager than				
Lepidium latipes Lepidium nitidum	1	No No	FACW	Hydrophytic Vegetation				
	<u>'</u>	No No	FAC FACW	X Dominance Test is				
6. Plantago elongata 7. Juncus bufonius	<u></u>	No No	FACW	Prevalence Index is		rtina		
8.					ptations¹ (Provide suppo s or on a separate sheet)			
	13	= Total Cov	/er	Problematic Hydro	phytic Vegetation¹ (Expla	ain)		
Woody Vine Stratum (Plot size:						,		
1. none				¹ Indicators of hydric soil be present, unless distu	and wetland hydrology n	nust		
2		- Total O		<u> </u>	· · · · · · · · · · · · · · · · · · ·			
% Bare Ground in Herb Stratum 87 % Co	ver of Biotic	= Total Cove	er	Hydrophytic Vegetation Present? Yes	s X No			
			III la and motor			_		
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it also support).		

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches)	Color (moist)	%		%		Loc ²	- Texture	Domorko	
(inches)	Color (moist)		Color (moist)		Type ¹	LUC-			
0-5	10YR 4/3	100					sandy clay	<u>'</u>	
									
							·		
	_								
71	Concentration, D=Depletion		· · · · · · · · · · · · · · · · · · ·			s. ⁴ 1		Pore Lining, RC=Root Channel, M=Matrix.	
-	oil Indicators: (Applic	able to all L			.)			rs for Problematic Hydric Soils ³ :	
	sol (A1)			Redox (S5)				n Muck (A9) (LRR C)	
	Epipedon (A2)			ed Matrix (S6)				n Muck (A10) (LRR B)	
	Histic (A3)			Mucky Mine				uced Vertic (F18)	
	gen Sulfide (A4)			Gleyed Matr	. ,			Parent Material (TF2)	
	ied Layers (A5) (LRR (C)		ed Matrix (F3			X Othe	er (Explain in Remarks)	
	Muck (A9) (LRR D)	(* 4 4)		Dark Surface	` '				
	ted Below Dark Surfac	e (A11)		ed Dark Surfa			31 11 1		
	Dark Surface (A12)			Depressions	(F8)			rs of hydrophytic vegetation and	
	/ Mucky Mineral (S1)		vernai	Pools (F9)				and hydrology must be present,	
Sandy	/ Gleyed Matrix (S4)						unies	s disturbed or problematic.	
Restrictive	e Layer (if present):								
Type: s	shovel refusal								
Depth (ir	nches): 5						Hydric Soil I	Present? Yes X No	
YDROLO	OGY								
	Hydrology Indicators	:					S	secondary Indicators (2 or more require	
	ndicators (minimum of		d; check all that app	oly)			_	Water Marks (B1) (Riverine)	
	ce Water (A1)			ıst (B11)				Sediment Deposits (B2) (Riverine)	
	Water Table (A2)		X Biotic C	, ,			_	Drift Deposits (B3) (Riverine)	
<u> </u>	ation (A3)			Invertebrates	(B13)		Drainage Patterns (B10)		
	` '	ino\		en Sulfide Od			_	Dry-Season Water Table (C2)	
	r Marks (B1) (Nonrive r					Livina Do	-to (C3)		
	nent Deposits (B2) (No	-		d Rhizospher	_	_	JIS (C3) _	Thin Muck Surface (C7)	
	Deposits (B3) (Nonrive	rine)		e of Reduce		-	_	Crayfish Burrows (C8)	
	ce Soil Cracks (B6)			Iron Reduction		d Soils (Ct	_	Saturation Visible on Aerial Imagery (C	
	ation Visible on Aerial	Imagery (B <i>i</i>	<i>'</i> —	ick Surface (0	-		_	Shallow Aquitard (D3)	
Water	r-Stained Leaves (B9)		Other (E	Explain in Rei	marks)		_	FAC-Neutral Test (D5)	
Field Obse	ervations:								
Surface Wa	ater Present?	'es	No X Depth (in	ches):					
Water Tab			No X Depth (in			_			
	le Present? Y					- Motio	nd Hydrolo	gy Present? Yes X No	
Saturation			No X Depth (in	Cries).		vveua			
Saturation	Present? Y		No X Depth (in	cries).		_ wella	u y u. 0.0;	<u></u>	
Saturation (includes c		'es			ous inspe			<u></u>	
Saturation (includes c	Present? Yapillary fringe)	'es			ous inspe			<u></u>	
Saturation (includes c escribe Re	Present? Y apillary fringe) ecorded Data (stream (gauge, mon	itoring well, aerial p	photos, previo		ctions), if a	available:		
Saturation (includes c escribe Re emarks: A	Present? Y apillary fringe) ecorded Data (stream (gauge, mon	itoring well, aerial p	photos, previo		ctions), if a	available:	icate that the area supports wetland	
Saturation (includes c escribe Re emarks: A	Present? Y apillary fringe) ecorded Data (stream (gauge, mon	itoring well, aerial p	photos, previo		ctions), if a	available:		
Saturation (includes c escribe Re emarks: A	Present? Y apillary fringe) ecorded Data (stream (gauge, mon	itoring well, aerial p	photos, previo		ctions), if a	available:		
Saturation (includes c lescribe Re	Present? Y apillary fringe) ecorded Data (stream (gauge, mon	itoring well, aerial p	photos, previo		ctions), if a	available:		
Saturation includes constitutes constitute	Present? Y apillary fringe) ecorded Data (stream (gauge, mon	itoring well, aerial p	photos, previo		ctions), if a	available:		

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	o Sampling Date: 2.27.20
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 284
Investigator(s): Beth Proscal, Raquel Atik		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		 Local rel	lief (concave,	, convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55144528	44	Long: -117.018443359 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	-	vear? Yes	X No	
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No
Are Vegetation , Soil X, or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	owing sa	mpling poi	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	No			
Hydric Soil Present? Yes X	No		he Sampled . hin a Wetland	YAS X NO
Wetland Hydrology Present? Yes X	No	witi	iiii a vvetiaiii	ur ——
Remarks: The majority of the vegetation on the site ha	ıs been distı	urbed due to	past land use	es. This feature was sampled during the growing season and
meets the wetland criteria.			p	
VEGETATION – Use scientific names of plants		<u> </u>	1 2 4	Danilla and Tank and India
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none	70 0010.			Number of Dominant Species That Are OBL, FACW, or FAC: 7 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 8 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC: 88 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species x 1 =
4				FACW species x 2 =
5				FAC species x 3 =
Hards Otrack was (Distrained		= Total Cove	er	FACU species x 4 =
Herb Stratum (Plot size:)	_	V	EA (C) A (UPL species x 5 = Column Totals: (A) (B)
1. Spergularia bocconi	5	Y	FACW	Column Totals:(A)(B)
2. Lythrum hyssopifolia	1	Y	OBL FACW	Prevalence Index = B/A =
Plantago elongata Lepidium nitidum		Y	FAC	Hydrophytic Vocatation Indicators
Lepidium nitidum Glebionis coronaria		Y	UPL	Hydrophytic Vegetation Indicators:
6. Plagiobothrys acanthocarpus	1	Y	OBL	X Dominance Test is >50% Prevalence Index is ≤3.0¹
7. Psilocarphus brevissimus	1	Y	FACW	Morphological Adaptations¹ (Provide supporting
8. Lepidium latipes	1	Y	FACW	data in Remarks or on a separate sheet)
	12	= Total Cov		Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				Troboniation yarophytic vegetation (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
				Vegetation
	ver of Biotic			Present? Yes No
Remarks: Sample area is a vernal pool that receives ru				
predominately of hydrophytic vegetation, it also supports Psilocarphus brevissimus).	s three vern	aı pool plant i	indicator spec	cies (Plantago elongata, Plagiobothrys acanthocarpus, and
,,				

(inches)	Matrix		Re	dox Feat	ures		the absenc		•
	Color (moist)	%	Color (moist)	%	_Type ¹	Loc ²	Textu	ire	Remarks
0-1	10YR 4/3	98 7	.5YR 4/4	2	С	М	loamy sa	ind	
1-5	10YR 3/2	100					sandy cla	ау	
	-								
	-						_		
							_		
	ncentration, D=Depletion					S. ²			C=Root Channel, M=Matrix.
•	I Indicators: (Applie	cable to all LR	•		•				ematic Hydric Soils³:
Histoso	ol (A1) Epipedon (A2)			Redox (S5 I Matrix (S	•			m Muck (A9) (m Muck (A10)	· · · · · · · · · · · · · · · · · · ·
	tistic (A3)			пианіх (S Mucky Mir	,			duced Vertic (,
	en Sulfide (A4)			Gleyed Ma	` '			d Parent Mate	,
	ed Layers (A5) (LRR	C)		d Matrix (F				ner (Explain in	
1 cm M	luck (A9) (LRR D)			oark Surfa	` '				
	ed Below Dark Surfa	ce (A11)			rface (F7)		2	<u>.</u>	
	Dark Surface (A12)			Depression					nytic vegetation and
	Mucky Mineral (S1) Gleyed Matrix (S4)		vernar F	Pools (F9)					/ must be present, or problematic.
								oco diotarboa (or problematic.
	Layer (if present): novel refusal								
Depth (inc			_				Lludria Sai	l Present?	Yes X No
Remarks: S	Some redox features	observed, but	insufficient to mee	et a hydric	soil indicate	or. Howe	│ /er, hydric s that is seas	soils are assun	ned here as problematic due to
strong indica	Some redox features ators of hydrophytic ue to limited saturation	vegetation and	wetland hydrolog	y. This fea	ature is a ve	rnal pool	that is seas	onally ponded	l and may lack hydric soil
strong indica indicators du	ators of hydrophytic vue to limited saturation	vegetation and	wetland hydrolog	y. This fea	ature is a ve	rnal pool	that is seas	onally ponded	l and may lack hydric soil
strong indications du	ators of hydrophytic vue to limited saturation	vegetation and on depth, salin	wetland hydrolog	y. This fea	ature is a ve	rnal pool	that is seas human-cau	onally ponded sed disturban	l and may lack hydric soil ce.
strong indications du indicators du indicato	ators of hydrophytic vue to limited saturation	vegetation and on depth, salin	l wetland hydrolog e conditions, or oth	y. This fea	ature is a ve	rnal pool	that is seas human-cau	onally ponded sed disturband	l and may lack hydric soil ce.
strong indications du indicators du indicato	ators of hydrophytic vue to limited saturation GY ydrology Indicators	vegetation and on depth, salin	l wetland hydrolog e conditions, or oth	y. This fea ner factors	ature is a ve	rnal pool	that is seas human-cau	sonally ponded used disturband Secondary Ir	l and may lack hydric soil ce. ndicators (2 or more required
HYDROLO Wetland H Primary Ind Surface	ators of hydrophytic vue to limited saturation GY ydrology Indicators dicators (minimum of	vegetation and on depth, salin	l wetland hydrolog e conditions, or oth check all that appl	y. This fea ner factors y) t (B11)	ature is a ve	rnal pool	that is seas human-cau	sonally ponded ised disturbands Secondary Ir Water Ma Sediment	l and may lack hydric soil ce. adicators (2 or more required rks (B1) (Riverine)
HYDROLO Wetland H Primary Ind Surface High W	ators of hydrophytic vue to limited saturation GY ydrology Indicators dicators (minimum of the Water (A1)	vegetation and on depth, salin	e conditions, or oth	y. This fea ner factors y) t (B11) ust (B12)	ature is a ve	rnal pool	that is seas human-cau	Secondary Ir Water Ma Sediment Drift Depo	and may lack hydric soil ce. adicators (2 or more required rks (B1) (Riverine) Deposits (B2) (Riverine)
HYDROLO Wetland H Primary Ind Surface High W Saturat	GY ydrology Indicators dicators (minimum of e Water (A1) //der Table (A2)	vegetation and on depth, saling the saling t	check all that appl Salt Crus X Biotic Cru	y. This fea ner factors y) t (B11) ust (B12) nvertebrat	ature is a ve s, which ma	rnal pool	that is seas human-cau	Secondary Ir Water Ma Sediment Drift Depo	and may lack hydric soil ce. adicators (2 or more required rks (B1) (Riverine) Deposits (B2) (Riverine) sits (B3) (Riverine)
HYDROLO Wetland H Primary Ind Surface High W Satural Water I Sedime	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No	vegetation and on depth, saling serine) prine) prine)	check all that appl Salt Crus X Biotic Cru X Aquatic II Hydroger Oxidized	y. This fea ner factors y) t (B11) ust (B12) nvertebrat n Sulfide (Rhizosph	ature is a ve s, which ma des (B13) Odor (C1) eres along	rnal pool y include	that is seas human-cau	Secondary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Muck	and may lack hydric soil ce. Idicators (2 or more required rks (B1) (Riverine) Deposits (B2) (Riverine) Isits (B3) (Riverine) Patterns (B10) On Water Table (C2) Surface (C7)
HYDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Nonrive	vegetation and on depth, saling serine) prine) prine)	check all that appl Salt Crus X Biotic Cru X Aquatic II Hydroger Oxidized Presence	y. This fea ner factors y) t (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc	ature is a ve s, which ma des (B13) Odor (C1) eres along ced Iron (C4	rnal pool y include	that is seas human-cau	Secondary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Muck	and may lack hydric soil ce. Indicators (2 or more required rks (B1) (Riverine) Deposits (B2) (Riverine) Usits (B3) (Riverine) Patterns (B10) On Water Table (C2) Surface (C7) Burrows (C8)
HYDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Nonrive eposits (B3) (Nonrive e Soil Cracks (B6)	vegetation and on depth, saling sections one required; erine) conriverine) erine)	check all that appl Salt Crus X Biotic Cru X Aquatic II Hydroger Oxidized Presence Recent Ir	y) t (B11) ust (B12) nvertebrate Sulfide (Rhizosph on Reduction	ature is a ve s, which ma des (B13) Odor (C1) eres along ced Iron (C4	rnal pool y include	that is seas human-cau	Secondary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Muck Crayfish E Saturatior	adicators (2 or more required rks (B1) (Riverine) Deposits (B2) (Riverine) Desits (B3) (Riverine) Patterns (B10) On Water Table (C2) Surrows (C8) In Visible on Aerial Imagery (C9)
HYDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De Surface Inunda	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Nonrive	erine) conriverine) erine) Imagery (B7)	check all that appl Salt Crus X Biotic Cru X Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc	y) t (B11) ust (B12) nvertebrate Sulfide (Rhizosph on Reduction	tes (B13) Ddor (C1) eres along ced Iron (C4) tion in Tilled	rnal pool y include	that is seas human-cau	Secondary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Muck Crayfish E Saturatior Shallow A	and may lack hydric soil ce. Indicators (2 or more required rks (B1) (Riverine) Deposits (B2) (Riverine) Usits (B3) (Riverine) Patterns (B10) On Water Table (C2) Surface (C7) Burrows (C8)
HYDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De Surface Inunda	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9)	erine) conriverine) erine) Imagery (B7)	check all that appl Salt Crus X Biotic Cru X Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc	y) t (B11) ust (B12) nvertebrate Sulfide (Rhizosphe of Reduce k Surface	tes (B13) Ddor (C1) eres along ced Iron (C4) tion in Tilled	rnal pool y include	that is seas human-cau	Secondary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Muck Crayfish E Saturatior Shallow A	I and may lack hydric soil ce. Indicators (2 or more required rks (B1) (Riverine) Deposits (B2) (Riverine) Indicators (B2) (Riverine) Deposits (B3) (Riverine) Patterns (B10) Den Water Table (C2) Ca Surface (C7) Burrows (C8) Ca Visible on Aerial Imagery (C9) Equitard (D3)
HYDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De Surface Inunda Water Field Observers	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations: ter Present?	vegetation and on depth, saling serine) cone required; crine) conriverine) erine) Imagery (B7)	check all that appl check all that appl Salt Crus X Biotic Cru X Aquatic Ii Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) t (B11) ust (B12) nvertebrate Sulfide (Rhizosph of Reduct on Reduct k Surface k Surface k plain in R	tes (B13) Ddor (C1) eres along ced Iron (C4) tion in Tilled	rnal pool y include	that is seas human-cau	Secondary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Muck Crayfish E Saturatior Shallow A	I and may lack hydric soil ce. Indicators (2 or more required rks (B1) (Riverine) Deposits (B2) (Riverine) Desits (B3) (Riverine) Patterns (B10) Den Water Table (C2) C Surface (C7) Burrows (C8) Den Visible on Aerial Imagery (C9) Equitard (D3)
HYDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De Surface Inunda Water Field Observers	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations: ter Present?	vegetation and on depth, saling a serine) cone required; crine) conriverine) crine) limagery (B7) Yes N Yes N	check all that appl check all that appl Salt Crus X Biotic Cru X Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) t (B11) ust (B12) nvertebrate n Sulfide (Rhizosph e of Reduct on Reduct k Surface k Surface k plain in R	tes (B13) Ddor (C1) eres along ced Iron (C4) tion in Tilled	Living Ro	that is seas human-cau	Secondary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Muck Crayfish E Saturatior Shallow A FAC-Neur	I and may lack hydric soil ce. Indicators (2 or more required rks (B1) (Riverine) Deposits (B2) (Riverine) Patterns (B10) On Water Table (C2) Surrows (C8) In Visible on Aerial Imagery (C9 equitard (D3) Itral Test (D5)
HYDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De Surface Inunda Water Field Obser Surface Water Table Saturation F	ators of hydrophytic value to limited saturation of the Variation of the Water (A1) Vater Table (A2) vegetation and on depth, saling a serine) cone required; crine) conriverine) crine) limagery (B7) Yes N Yes N	check all that appl check all that appl Salt Crus X Biotic Cru X Aquatic Ii Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) t (B11) ust (B12) nvertebrate n Sulfide (Rhizosph e of Reduct on Reduct k Surface k Surface k plain in R	tes (B13) Ddor (C1) eres along ced Iron (C4) tion in Tilled	Living Ro	that is seas human-cau	Secondary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Muck Crayfish E Saturatior Shallow A	I and may lack hydric soil ce. Indicators (2 or more required rks (B1) (Riverine) Deposits (B2) (Riverine) Patterns (B10) On Water Table (C2) Surrows (C8) In Visible on Aerial Imagery (C9 equitard (D3) Itral Test (D5)	
HYDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De Surface Inundar Water Field Obsel Surface Water Table Saturation F (includes ca	ators of hydrophytic vie to limited saturation of the Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Norive es Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations: ter Present? Present? Present? pillary fringe)	erine) contiverine) erine) limagery (B7) Yes N Yes N	check all that appl check all that appl Salt Crus X Biotic Cru X Aquatic In Hydroger Oxidized Presence Recent Ir Thin Muc Other (Extending the continuation of the continuation	y) t (B11) ust (B12) nvertebrate soft Reduction Reductio	tes (B13) Ddor (C1) eres along ced Iron (C2 tition in Tilled	Living Roll Soils (C	that is seas human-cau	Secondary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Muck Crayfish E Saturatior Shallow A FAC-Neur	rdicators (2 or more required rks (B1) (Riverine) Deposits (B2) (Riverine) Patterns (B10) on Water Table (C2) s Surface (C7) Burrows (C8) n Visible on Aerial Imagery (C9) quitard (D3) tral Test (D5)
HYDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De Surface Inundar Water Field Obsel Surface Water Table Saturation F (includes ca	ators of hydrophytic value to limited saturation of the Variation of the Water (A1) Vater Table (A2) erine) contiverine) erine) limagery (B7) Yes N Yes N	check all that appl check all that appl Salt Crus X Biotic Cru X Aquatic In Hydroger Oxidized Presence Recent Ir Thin Muc Other (Extending the continuation of the continuation	y) t (B11) ust (B12) nvertebrate soft Reduction Reductio	tes (B13) Ddor (C1) eres along ced Iron (C2 tition in Tilled	Living Roll Soils (C	that is seas human-cau	Secondary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Muck Crayfish E Saturatior Shallow A FAC-Neur	I and may lack hydric soil ce. Indicators (2 or more required rks (B1) (Riverine) Deposits (B2) (Riverine) Patterns (B10) On Water Table (C2) Surrows (C8) In Visible on Aerial Imagery (C9 equitard (D3) Itral Test (D5)	
HYDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De Surface Inunda Water-I Field Obser Surface Wat Water Table Saturation F (includes ca Describe Rec	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations: ter Present? e Present? e Present? pillary fringe) corded Data (stream	erine) contiverine) erine) limagery (B7) Yes N Yes N gauge, monitor	check all that appl check all that appl Salt Crus X Biotic Cru X Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (E)	y) t (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc on Reduc k Surface (plain in R	tes (B13) Ddor (C1) eres along ced Iron (C2 tion in Tilled (C7) Remarks)	Living Roll J Soils (Company)	that is seas human-cau ots (C3)	Secondary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Muck Crayfish E Saturatior Shallow A FAC-Neur	I and may lack hydric soil ce. Indicators (2 or more required rks (B1) (Riverine) Deposits (B2) (Riverine) Issits (B3) (Riverine) Patterns (B10) In Water Table (C2) Is Surface (C7) Burrows (C8) In Visible on Aerial Imagery (C9 equitard (D3)) Itral Test (D5) Yes X No
HYDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De Surface Inunda Water Field Obser Surface Wat Water Table Saturation F (includes ca Describe Rec	GY ydrology Indicators dicators (minimum of e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations: ter Present? e Present? e Present? pillary fringe) corded Data (stream	erine) contiverine) erine) limagery (B7) Yes N Yes N gauge, monitor	check all that appl check all that appl Salt Crus X Biotic Cru X Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (E)	y) t (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc on Reduc k Surface (plain in R	tes (B13) Ddor (C1) eres along ced Iron (C2 tion in Tilled (C7) Remarks)	Living Roll J Soils (Company)	that is seas human-cau outs (C3)	Secondary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Muck Crayfish E Saturatior Shallow A FAC-Neur	I and may lack hydric soil ce. Indicators (2 or more required rks (B1) (Riverine) Deposits (B2) (Riverine) Patterns (B10) Den Water Table (C2) Surrows (C8) In Visible on Aerial Imagery (C9) Equitard (D3) Itral Test (D5)

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	o Sampling Date: 3.3.20
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 289
Investigator(s): Beth Proscal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: (32.547397509	95	Long: -117.017867524 Datum: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 30 to 50				NWI classification: None
Are climatic / hydrologic conditions on the site typical for				
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No
Are Vegetation, SoilX, or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poi	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	No			
Hydric Soil Present? Yes X	No	I	ne Sampled	YAS X NO
Wetland Hydrology Present? Yes X	No	— with	nin a Wetlan	ar ——
Remarks: The majority of the vegetation on the site ha	s been distu	urbed due to	nast land use	es. This feature was sampled during the growing season and
meets the wetland criteria.	io boon diote	arbed dde to	past laria asc	s. This locators was sumpled during the growing socion and
VEGETATION – Use scientific names of plants				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none	70 OOVCI	Орсоюз:	<u> </u>	Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 2 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC:(A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3				OBL species x 1 =
4				FACW species x 2 =
5				FAC species x 3 =
		= Total Cove	er	FACU species x 4 =
Herb Stratum (Plot size:)				UPL species x 5 =
Plagiobothrys acanthocarpus	2	Yes	OBL	Column Totals: (A)(B)
2. Matricaria discoidea	1	No	FACU_	Prevalence Index = B/A =
3. Spergularia bocconi	5	Yes	FACW	
4. Medicago polymorpha	1	No	FACU	Hydrophytic Vegetation Indicators:
5. Glebionis coronaria		No No	UPL	X Dominance Test is >50%
6. Bromus madritensis	1	No	UPL	Prevalence Index is ≤3.0¹
7				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
8		T-4-1 0		
Mandy Vine Stratum (Diet size)	11	= Total Cov	/er	Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				11 mail: make year of heardwise and a conditional heardwise and according
1. none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2				<u> </u>
		= Total Cove	er	Hydrophytic Vegetation
% Bare Ground in Herb Stratum 89 % Co	ver of Biotic	Crust		Present? Yes X No
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro	-watershed. In addition to the vernal pool consisting
predominately of hydrophytic vegetation, it also support				
1				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix	•	Re	edox Featu	ıres				•		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textur	re	Remarks	3	
							-				
							_				
							_				
¹ Type: C=Cor	centration, D=Depletion,	RM=Reduce	d Matrix, CS=Covere	d or Coated	Sand Grain	s. 2	Location: PL=	Pore Lining, RO	C=Root Channel, M	I=Matrix.	
	Indicators: (Applica								ematic Hydric S		
Histosol				Redox (S5)				m Muck (A9) (-		
	oipedon (A2)			l Matrix (S				n Muck (A10)			
	stic (A3)			Mucky Min				luced Vertic (
	en Sulfide (A4)			Gleyed Ma				d Parent Mate			
	d Layers (A5) (LRR C	١		d Matrix (F				er (Explain in	` '		
	uck (A9) (LRR D))		o Matrix (i Dark Surfa	,		<u></u>	ei (Explaiii III	ixemarks)		
	d Below Dark Surface	(A11)		d Dark Sulla	` '						
	ark Surface (A12)	(A11)		Dark Sui Depressior			3Indicate	are of hydroph	ytic vegetation a	and	
	Mucky Mineral (S1)			Pools (F9)	15 (1-0)						
			vernai F	200IS (F9)					must be presen	ι,	
Sandy G	Gleyed Matrix (S4)						unie	ss disturbed t	or problematic.		
Restrictive L	_ayer (if present):										
Type:											
Depth (incl	nes):						Hydric Soil	Present?	Yes X	No	
			_				,				
	o soil pit was dug. Pei	the 1987 d	elineation manual,	hydric soil	is can be a	issumed w	vhen a wetla	ind is dominat	ed by OBL and I	-ACW species	
only.											
	N/										
HYDROLOG											
Wetland Hy	drology Indicators:						<u> </u>	Secondary In	idicators (2 or n	nore required)	
Primary Indi	cators (minimum of or	ne required;	check all that appl	y)				Water Ma	rks (B1) (Riverir	ie)	
Surface	Water (A1)		Salt Crus	t (B11)				Sediment	Deposits (B2) (F	Riverine)	
High Wa	ater Table (A2)		X Biotic Cru	ıst (B12)			_		sits (B3) (Riveri	· ·	
Saturati				nvertebrat	es (B13)		_		Patterns (B10)	- /	
	larks (B1) (Nonriveri i	20)		n Sulfide C	` '		_		on Water Table (C3)	
		-				Linda a Da	-4- (00)			02)	
_	nt Deposits (B2) (Non	-			eres along	_	oots (C3) _		Surface (C7)		
	posits (B3) (Nonriver i	ne)			ed Iron (C	•	_		Burrows (C8)		
X Surface	Soil Cracks (B6)		Recent Ir	on Reduct	tion in Tille	d Soils (C	·6) _	Saturation	i Visible on Aeria	I Imagery (C9)	
Inundati	on Visible on Aerial Ir	nagery (B7)	Thin Muc	k Surface	(C7)		_	Shallow A	quitard (D3)		
Water-S	Stained Leaves (B9)		Other (Ex	cplain in R	emarks)			FAC-Neut	ral Test (D5)		
	. ,				•		_				
Field Observ											
Surface Water	er Present? Ye		lo X Depth (inc			_					
Water Table	Present? Ye		No X Depth (inc			_					
Saturation Pr		es N	No X Depth (inc	hes):		Wetla	and Hydrolo	gy Present?	Yes X	No	
(includes cap	oillary fringe)										
Describe Rec	orded Data (stream ga	auge, monito	oring well, aerial ph	notos, prev	ious inspe	ctions), if	available:				
	hough no surface wat	•									
	wetland hydrology. W		evel and saturation	are not kr	nown as a	soil pit wa	s not dug du	ie to the fact t	hat protocol fairy	shrimp	
surveys were	being conducted cond	currently.									

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	0	_Sampling Date:	3.3.20
Applicant/Owner: Pardee Homes				State: CA	_Sampling Point:	291
Investigator(s): Beth Proscal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave	Slope	∍ (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat:	32.54858		Long: -117.01674	Datum	n: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30 p	ercent slope	es		NWI classificatio	on: None	
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology	signif	icantly disturb	ped?	Are "Normal Circumstance	s" present? Yes	X No
Are Vegetation, Soil, or Hydrology				(If needed, explain any ans	swers in Remarks	 .)
SUMMARY OF FINDINGS – Attach site map sh				s, transects, importan	t features, etc.	
Hydrophytic Vegetation Present? Yes X	No					
Hydric Soil Present? Yes X	No		ne Sampled .	Yes X	X No	
Wetland Hydrology Present? Yes X	No	— witi	nin a Wetlan	u ?		_
Remarks: The majority of the vegetation on the site hat meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sample	ed during the grow	ing season and
VEGETATION - Use scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
<u>Tree Stratum</u> (Plot size:)	% Cover	Species?	Status	Number of Dominant Sp		
1. none				That Are OBL, FACW, o		<u>1</u> (A)
2. 3.				Total Number of Domina Species Across All Strat		1 (B)
4.				Percent of Dominant Sports That Are OBL, FACW, o		100 (A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cove	er	, 5		(,
1. none				Prevalence Index work	sheet:	
2.				Total % Cover of:	Multipl	y by:
3.				OBL species	x 1 =	
4.				FACW species	x 2 =	
5.				FAC species	x 3 =	
		= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species		
1. Eleocharis macrostachya	5	N	FACW	Column Totals:	(A)	(B)
2. Festuca perennis	80	Y	FAC	Prevalence Index	x = B/A =	
3. Bromus hordeaceus	5	N	FACU			
4				Hydrophytic Vegetatio		
5				X Dominance Test is		
6 7.				Prevalence Index		
8.				Morphological Ada	aptations' (Providi ks or on a separat	
		= Total Cov	/or	Problematic Hydro	·	,
Woody Vine Stratum (Plot size:)		- 10tai 001	701	Froblematic riyurd	opinylic vegetalion	i (Expiairi)
1. none				¹ Indicators of hydric soi be present, unless distu		
2				be present, unless dist	arbed of broblems	iuo.
% Bare Ground in Herb Stratum 48 % Cov	ver of Biotic	= Total Cove	er 	Hydrophytic Vegetation Present? Ye	es X No	
Remarks: No ACOE vernal pool plant indicator species	were prese	nt within the l	basin.	1		

Redox Features

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth

Matrix

(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	Texture	Remarks			
0-18	10YR 2/2	95	5YR 4/6	5	С	RC/M	loamy clay				
		-									
		- ——					-	<u> </u>			
	-										
¹ Type: C=Cc	ncentration D=Depletic	n RM=Redi	 iced Matrix, CS=Covered	or Coated	Sand Grain	2	l ocation: PI =Pr	ore Lining, RC=Root Channel, M=Matrix.			
			LRRs, unless other					s for Problematic Hydric Soils ³ :			
Histoso				ledox (S5				Muck (A9) (LRR C)			
	Epipedon (A2)			Matrix (S				Muck (A10) (LRR B)			
	Histic (A3)			-	neral (F1)			ced Vertic (F18)			
	gen Sulfide (A4)			Sleyed Ma				Parent Material (TF2)			
	ed Layers (A5) (LRR	C)		d Matrix (f			X Other (Explain in Remarks)				
	fuck (A9) (LRR D)	,	X Redox D	•	,			,,			
	ed Below Dark Surfa	ce (A11)			rface (F7)						
	Dark Surface (A12)	` '		epression			3Indicators	s of hydrophytic vegetation and			
	Mucky Mineral (S1)			ools (F9)				d hydrology must be present,			
	Gleyed Matrix (S4)			· · · /				disturbed or problematic.			
	Layer (if present):							·			
	Layer (ii present).										
Type:	abaa):						Lludeia Cail D	recent? Vec V N-			
Depth (inc							Hydric Soil P	resent? Yes X No No			
Remarks: r	edox dark surface ob	served									
HYDROLO	·cv										
								and and Indianters (0 and			
	ydrology Indicators			,			<u>Se</u>	econdary Indicators (2 or more required)			
	•	one require	ed; check all that apply					_Water Marks (B1) (Riverine)			
Surface	e Water (A1)		Salt Crust	t (B11)				_Sediment Deposits (B2) (Riverine)			
High W	/ater Table (A2)		Biotic Cru	st (B12)			Drift Deposits (B3) (Riverine)				
Satura	tion (A3)		Aquatic Ir	vertebrat	tes (B13)		Drainage Patterns (B10)				
Water	Marks (B1) (Nonrive	rine)	Hydrogen	Sulfide (Odor (C1)		_	_ Dry-Season Water Table (C2)			
Sedim	ent Deposits (B2) (No	onriverine)	Oxidized	Rhizosph	eres along	Living Ro	ots (C3)	_ Thin Muck Surface (C7)			
	eposits (B3) (Nonriv e				ced Iron (C			Crayfish Burrows (C8)			
	e Soil Cracks (B6)	,			tion in Tille	,	6)	Saturation Visible on Aerial Imagery (C9)			
	ition Visible on Aerial	Imagery (P				(0	,	Shallow Aquitard (D3)			
	Stained Leaves (B9)	0 , (Other (Ex		. ,			FAC-Neutral Test (D5)			
					.c.manto,		_				
Field Obse											
Surface Wa		Yes				_					
Water Table			No X Depth (inch								
Saturation F		Yes	No X Depth (inch	nes):		Wetla	and Hydrolog	y Present? Yes X No			
`	pillary fringe)										
Describe Re	corded Data (stream	gauge, mo	nitoring well, aerial ph	otos, prev	vious inspe	ctions), if	available:				
Domonto: 1	Ithough no our	otor	agant at the time of the	o dolin	tion the	ol did+-	in water	the rainy econon and fain, abritan auron			
			esent at the time of the					the rainy season and fairy shrimp surveys			
	AGG WIGHT GIIG POOL		The state of water stall	iou iouve	o oupports	II	, arology.				
IIC Arms C-	rps of Engineers							Arid West – Version 2.0			
LO ARMV CO	ros or Engineers							Arid West - Version 2 ()			

Project/Site: Southwest Village Specific Plan Project		City/Cou	nty: <u>San Dieg</u>	0	Sampling Date:	3.3.20	
Applicant/Owner: Pardee Homes				State: CA	Sampling Point:	292	
Investigator(s): Beth Proscal, JR Sundberg		Section	, Township, R	lange: Section 31, T18S R	:01W		
Landform (hillslope, terrace, etc.): mesa top	dform (hillslope, terrace, etc.): mesa top Local relief (concave, c						
Subregion (LRR): C - Mediterranean California	Lat: 3	32.54851892	:5	Long: -117.016717439	Datun	n: <u>NAD83</u>	
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30 p	ercent slope	es		NWI classification	n: None		
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o(If no, explain in	Remarks.)		
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ped?	Are "Normal Circumstances	s" present? Yes	X No	
Are Vegetation, SoilX,or Hydrology	natura	ally problema	ntic? ((If needed, explain any ans	wers in Remarks	.)	
SUMMARY OF FINDINGS – Attach site map sh	owing sa	mpling poi	nt locations	s, transects, important	features, etc.		
					<u> </u>		
Hydric Soil Present? Yes X	No		he Sampled	d Area Yes X No			
	No	– wit	hin a Wetland	d?			
Remarks: The majority of the vegetation on the site ha		urbad dua ta	noot land use	. This feature was sample	d during the grow	wing accept and	
weets the wetland criteria. VEGETATION – Use scientific names of plants							
Tree Stratum (Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works			
1. none	70 COVEI	_opedes:_	Status	Number of Dominant Spe That Are OBL, FACW, or		1 (A)	
2.				Total Number of Domina	nt	(^)	
3.				Species Across All Strate		(B)	
4				Percent of Dominant Spe That Are OBL, FACW, or		100 (A/B)	
Sapling/Shrub Stratum (Plot size:)		= Total Cov	er				
1 none				Prevalence Index work	sheet:		
2.				Total % Cover of:	Multip	ly by:	
3.				OBL species	x 1 =		
4.				FACW species	x 2 =		
5.				FAC species	x 3 =		
		= Total Cov	er	FACU species	x 4 =		
Herb Stratum (Plot size:)				UPL species	x 5 =		
Plagiobothrys acanthocarpus	40	Yes	OBL	Column Totals:	(A)	(B)	
2. Festuca perennis	10	No	FAC	Prevalence Index	: = B/A =		
3. Medicago polymorpha	1	No	FACU				
4. Deinandra fasciculata	1	No	FACU	Hydrophytic Vegetation			
5				X Dominance Test is			
6				Prevalence Index			
7. 8.				Morphological Ada data in Remark	aptations¹ (Provid s or on a separa		
	52	= Total Co	ver	Problematic Hydro	phytic Vegetatio	n¹ (Explain)	
Woody Vine Stratum (Plot size:)						` ' '	
1. none				¹ Indicators of hydric soil be present, unless distu			
2							
% Bare Ground in Herb Stratum 48 % Cov	er of Biotic	= Total Cov	er	Hydrophytic Vegetation Present? Ye	s X No		
Remarks: Sample area is a vernal pool that receives rul			all local mia				
predominately of hydrophytic vegetation, it also supports						ກາວເວເກາ <u>ບ</u>	

(inches)				dox Features			
	Color (moist)	%	Color (moist)	%Тур	pe ¹ Loc ²	Texture	Remarks
0-8	10YR 4/4					clay loam	
							<u> </u>
Type: C=Con	centration, D=Depletion,	RM=Reduced N	Matrix, CS=Covered	or Coated Sand	Grains.	² Location: PL=P	ore Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applicat	ole to all LRR	s, unless other	wise noted.)		Indicator	s for Problematic Hydric Soils ³ :
Histosol	(A1)		Sandy R	tedox (S5)		1 cm	Muck (A9) (LRR C)
Histic Ep	pipedon (A2)		Stripped	Matrix (S6)		2 cm	Muck (A10) (LRR B)
Black His	stic (A3)		Loamy N	/lucky Mineral ((F1)	Redu	iced Vertic (F18)
Hydroge	n Sulfide (A4)		Loamy G	Gleyed Matrix (F	F2)		Parent Material (TF2)
Stratified	Layers (A5) (LRR C)		Depleted	d Matrix (F3)		X Other	r (Explain in Remarks)
1 cm Mu	ck (A9) (LRR D)		Redox D	ark Surface (F	6)		
Depleted	Below Dark Surface	(A11)	Depleted	d Dark Surface	(F7)		
	ark Surface (A12)			epressions (F8	3)	³ Indicator	s of hydrophytic vegetation and
	lucky Mineral (S1)		Vernal P	ools (F9)			nd hydrology must be present,
Sandy G	leyed Matrix (S4)					unless	s disturbed or problematic.
Restrictive L	ayer (if present):						
Type: sho	vel refusal						
Depth (inch	nes): 8		•			Hydric Soil F	Present? Yes X No
YDROLOG	s Y						
	iY drology Indicators:					<u>S</u>	econdary Indicators (2 or more require
Wetland Hy		e required; ch	neck all that apply	y)		<u>S</u>	econdary Indicators (2 or more require _ Water Marks (B1) (Riverine)
Wetland Hye Primary Indic	drology Indicators: cators (minimum of on	e required; ch				<u>Se</u>	
Wetland Hyd Primary Indic Surface	drology Indicators: cators (minimum of on Water (A1)	e required; ch	Salt Crust	t (B11)		<u>S</u>	_ Water Marks (B1) (Riverine) _ Sediment Deposits (B2) (Riverine)
Wetland Hyd Primary Indic Surface High Wa	drology Indicators: cators (minimum of on Water (A1) ater Table (A2)	e required; ch	Salt Crust X Biotic Cru	t (B11) st (B12)	13)	<u>S</u> .	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Wetland Hyd Primary Indic Surface High Wa	drology Indicators: cators (minimum of on Water (A1) ater Table (A2) on (A3)		Salt Crust X Biotic Cru Aquatic Ir	t (B11) est (B12) evertebrates (B		<u>S</u> (Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Wetland Hyd Primary Indic Surface High Wa Saturatic Water M	drology Indicators: cators (minimum of on Water (A1) ater Table (A2) on (A3) larks (B1) (Nonriverin	ne)	Salt Crust X Biotic Cru Aquatic Ir Hydrogen	t (B11) st (B12) overtebrates (B o Sulfide Odor ((C1)	= = = =	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
Wetland Hyd Primary Indic Surface High Wa Saturatio Water M Sedimer	drology Indicators: cators (minimum of on Water (A1) ater Table (A2) on (A3) larks (B1) (Nonriverin at Deposits (B2) (Nonri	ne) riverine)	Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized	t (B11) ist (B12) nvertebrates (B i Sulfide Odor (Rhizospheres a	C1) along Living F	= = = =	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Wetland Hyd Primary Indic Surface High Wa Saturatic Water M Sedimer Drift Dep	drology Indicators: cators (minimum of on Water (A1) ater Table (A2) on (A3) larks (B1) (Nonriverin at Deposits (B2) (Nonriverin cosits (B3) (Nonriverin	ne) riverine)	Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized Presence	t (B11) st (B12) nvertebrates (B Sulfide Odor (Rhizospheres a of Reduced Iro	C1) along Living F on (C4)	Roots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Wetland Hyd Primary Indic Surface High Wa Saturatic Water M Sedimer Drift Dep X Surface	drology Indicators: cators (minimum of on Water (A1) ster Table (A2) on (A3) larks (B1) (Nonriverin nt Deposits (B2) (Nonriverin sosits (B3) (Nonriverin Soil Cracks (B6)	ne) riverine) ne)	Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ire	t (B11) st (B12) nvertebrates (B Sulfide Odor (Rhizospheres a of Reduced Iro on Reduction in	C1) along Living F on (C4)	Roots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C
Wetland Hydeliand Hydeliand Surface High Wassaturation Water M Sedimer Drift Dep X Surface Inundation	drology Indicators: cators (minimum of on Water (A1) ster Table (A2) on (A3) larks (B1) (Nonriverin nt Deposits (B2) (Nonriverin cosits (B3) (Nonriverin Soil Cracks (B6)	ne) riverine) ne)	Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ira Thin Mucl	t (B11) set (B12) evertebrates (B sulfide Odor (Rhizospheres a of Reduced Iro on Reduction in k Surface (C7)	C1) along Living F on (C4) n Tilled Soils	Roots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3)
Wetland Hydelian Primary India Surface High Wa Saturatia Water M Sedimer Drift Dep X Surface Inundatia Water-S	drology Indicators: cators (minimum of on Water (A1) ater Table (A2) on (A3) larks (B1) (Nonriverin nt Deposits (B2) (Nonriverin cosits (B3) (Nonriverin Soil Cracks (B6) on Visible on Aerial Im tained Leaves (B9)	ne) riverine) ne)	Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ira Thin Mucl	t (B11) st (B12) nvertebrates (B Sulfide Odor (Rhizospheres a of Reduced Iro on Reduction in	C1) along Living F on (C4) n Tilled Soils	Roots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C
Wetland Hydelian Primary India Surface High Wa Saturatio Water M Sedimer Drift Dep X Surface Inundatio Water-S Field Observ	drology Indicators: cators (minimum of on Water (A1) ater Table (A2) on (A3) larks (B1) (Nonriverin nt Deposits (B2) (Nonriverin cosits (B3) (Nonriverin Soil Cracks (B6) on Visible on Aerial Im tained Leaves (B9)	ne) riverine) ne) nagery (B7)	Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex	t (B11) st (B12) nvertebrates (B Sulfide Odor (Rhizospheres a of Reduced Irc on Reduction in k Surface (C7) plain in Remark	C1) along Living F on (C4) n Tilled Soils (Roots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3)
Primary Indic Surface High Wa Saturatic Water M Sedimer Drift Dep X Surface Inundatic Water-S Field Observ Surface Water	drology Indicators: cators (minimum of on Water (A1) ater Table (A2) on (A3) larks (B1) (Nonriverin nt Deposits (B2) (Nonri cosits (B3) (Nonriverin Soil Cracks (B6) on Visible on Aerial Im tained Leaves (B9) rations: er Present? Yes	ne) riverine) ne) nagery (B7) s No	Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex	t (B11) st (B12) nvertebrates (B Sulfide Odor (Rhizospheres a of Reduced Irc on Reduction in k Surface (C7) plain in Remark	C1) along Living F on (C4) n Tilled Soils (Roots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3)
Primary India Surface High Wa Saturatio Water M Sedimer Drift Dep X Surface Inundatio Water-S Field Observ Surface Water Water Table I	drology Indicators: cators (minimum of on Water (A1) ster Table (A2) on (A3) larks (B1) (Nonriverin nt Deposits (B2) (Nonriverin cosits (B3) (Nonriverin Soil Cracks (B6) on Visible on Aerial Im tained Leaves (B9) vations: er Present? Yes	ne) riverine) ne) nagery (B7) s No s No	Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex X Depth (inch	t (B11) set (B12) evertebrates (B sulfide Odor (Rhizospheres a of Reduced Irc on Reduction in k Surface (C7) plain in Remark	C1) along Living F on (C4) n Tilled Soils (Roots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hydeliand Hydeliand Primary India Surface High Water M Sedimer Drift Dep X Surface Inundation Water-S Field Observ Surface Water Vater Table I Saturation Pro-	drology Indicators: cators (minimum of on Water (A1) ater Table (A2) on (A3) larks (B1) (Nonriverin nt Deposits (B2) (Nonriverin cosits (B3) (Nonriverin Soil Cracks (B6) on Visible on Aerial Im tained Leaves (B9) vations: er Present? Present? Yes esent? Yes	ne) riverine) ne) nagery (B7) s No s No	Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex	t (B11) set (B12) evertebrates (B sulfide Odor (Rhizospheres a of Reduced Irc on Reduction in k Surface (C7) plain in Remark	C1) along Living F on (C4) n Tilled Soils (Roots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indic Surface High Wa Saturatic Water M Sedimer Drift Dep X Surface Inundatic Water-S Field Observ Surface Water Table I Saturation Pro	drology Indicators: cators (minimum of on Water (A1) ater Table (A2) on (A3) larks (B1) (Nonriverin nt Deposits (B2) (Nonri cosits (B3) (Nonriverin Soil Cracks (B6) on Visible on Aerial Im tained Leaves (B9) vations: er Present? Present? Yes esent? Yes esent? Yes elilary fringe)	ne) riverine) ne) nagery (B7) s No s No s No	Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex X Depth (inch X Depth (inch	t (B11) st (B12) evertebrates (B Sulfide Odor (Rhizospheres a of Reduced Irc on Reduction in k Surface (C7) plain in Remarl enes): enes):	C1) along Living F on (C4) n Tilled Soils (ks) We	Roots (C3) (C6)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hyderimary Indices Surface High Wassaturation Water Management Sedimer Drift Dep X Surface Inundation Water-S Field Observ Surface Water Water Table Profits Includes cap	drology Indicators: cators (minimum of on Water (A1) ater Table (A2) on (A3) larks (B1) (Nonriverin nt Deposits (B2) (Nonriverin cosits (B3) (Nonriverin Soil Cracks (B6) on Visible on Aerial Im tained Leaves (B9) vations: er Present? Present? Yes esent? Yes	ne) riverine) ne) nagery (B7) s No s No s No	Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex X Depth (inch X Depth (inch	t (B11) st (B12) evertebrates (B Sulfide Odor (Rhizospheres a of Reduced Irc on Reduction in k Surface (C7) plain in Remarl enes): enes):	C1) along Living F on (C4) n Tilled Soils (ks) We	Roots (C3) (C6)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hyderimary Indices Surface High Wassaturation Water Management Sedimer Drift Dep X Surface Inundation Water-S Field Observ Surface Water Water Table Profits Includes cap	drology Indicators: cators (minimum of on Water (A1) ater Table (A2) on (A3) larks (B1) (Nonriverin nt Deposits (B2) (Nonri cosits (B3) (Nonriverin Soil Cracks (B6) on Visible on Aerial Im tained Leaves (B9) vations: er Present? Present? Yes esent? Yes esent? Yes elilary fringe)	ne) riverine) ne) nagery (B7) s No s No s No	Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex X Depth (inch X Depth (inch	t (B11) st (B12) evertebrates (B Sulfide Odor (Rhizospheres a of Reduced Irc on Reduction in k Surface (C7) plain in Remarl enes): enes):	C1) along Living F on (C4) n Tilled Soils (ks) We	Roots (C3) (C6)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Dep X Surface Inundatio Water-S Field Observ Surface Water Vater Table I Saturation Proincludes cap escribe Reco	drology Indicators: cators (minimum of on Water (A1) ater Table (A2) on (A3) larks (B1) (Nonriverin at Deposits (B2) (Nonriverin cosits (B3) (Nonriverin Soil Cracks (B6) on Visible on Aerial Im tained Leaves (B9) vations: er Present? Present? Yes esent? Yes eillary fringe) orded Data (stream ga	ne) riverine) ne) nagery (B7) s No s No s No s No	Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex X Depth (inch X Depth (inch X Depth (inch	it (B11) ist (B12) ivertebrates (B is Sulfide Odor (Rhizospheres a of Reduced Irc on Reduction in k Surface (C7) iplain in Remarl nes): nes): otos, previous i	C1) along Living F on (C4) n Tilled Soils (ks) We inspections),	Roots (C3) (C6) ctland Hydrolog if available:	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)
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Applicant/Owner: Pardee Homes				State: CA Sampling Point: 293
Investigator(s): Beth Procsal and JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	ef (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.554564409	97	Long: -117.022773463 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	slopes			NWI classification: None
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ed? /	Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map si				s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			
Hydric Soil Present? Yes	No X		ie Sampled . in a Wetland	YAS NO X
Wetland Hydrology Present? Yes X	No		iii a wellan	u:
Remarks: The majority of the vegetation on the site h does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to p	past land use	es. This feature was sampled during the growing season and
VEGETATION — OSC SCIENCING HARRIES OF PICING	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1. None	% Cover	Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)
2.				Total Number of Dominant
3.	·			Percent of Dominant Species 2 (B)
4		= Total Cove	ar	That Are OBL, FACW, or FAC:0 (A/B)
Sapling/Shrub Stratum (Plot size:)		- Total Cove	:1	
1. None				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species1 x 1 =1
4.				FACW species0 x 2 =0
5.				FAC species1 x 3 =3
	0	= Total Cove	er	FACU species 20 x 4 = 80
Herb Stratum (Plot size:)				UPL species 2 x 5 = 10
Plagiobothrys acanthocarpus	1	No	OBL	Column Totals:24 (A)94(B)
2. Deinandra fasciculata	5	Yes	FACU	Prevalence Index = B/A =3.92
3. Erodium botrys	15	Yes	FACU	
4. Lepidium nitidum		No	FAC	Hydrophytic Vegetation Indicators:
5. Logfia gallica		No No	UPL	Dominance Test is >50%
6. Bromus madritensis	1	No	UPL	Prevalence Index is ≤3.0¹
7. 8.				 Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
	24	= Total Cov	er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				Troblemado riyaropriyaro vegetation (Explain)
1. None				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
	0	= Total Cove	er	Hydrophytic Vegetation
% Bare Ground in Herb Stratum 76 % Co	over of Biotic	Crust	0	Present? Yes No X
Remarks: Sample area is a vernal pool that receives repredominance of hydrophytic vegetation, it does suppo				

	Matrix			ledox Features			
(inches)	Color (moist)	%	Color (moist)	%Type	Loc ²	Texture	Remarks
							_
						-	_
							_
	entration, D=Depletion				ains. ² L		e Lining, RC=Root Channel, M=Matrix.
Hydric Soil I	ndicators: (Applic	able to all Li	RRs, unless othe	rwise noted.)		Indicators	for Problematic Hydric Soils ³ :
Histosol ((A1)		Sandy	Redox (S5)		1 cm M	uck (A9) (LRR C)
Histic Epi	pedon (A2)		Strippe	d Matrix (S6)		2 cm M	uck (A10) (LRR B)
Black His	tic (A3)		Loamy	Mucky Mineral (F1)	Reduce	ed Vertic (F18)
— Hydroger	Sulfide (A4)		Loamy	Gleyed Matrix (F2)	·)	Red Pa	rent Material (TF2)
Stratified	Layers (A5) (LRR	C)		ed Matrix (F3)		Other (I	Explain in Remarks)
	ck (A9) (LRR D)	,	Redox	Dark Surface (F6)		`	,
	Below Dark Surfac	e (A11)	— Deplete	ed Dark Surface (F	7)		
Thick Dar	rk Surface (A12)	,		Depressions (F8)	,	3Indicators	of hydrophytic vegetation and
Sandy Mr	ucky Mineral (S1)			Pools (F9)			hydrology must be present,
	eyed Matrix (S4)			(- /			disturbed or problematic.
							·
_	ayer (if present):						
Туре:							
Depth (inche	es):					Hydric Soil Pre	esent? Yes No X
Deptil (Illicili						,	
		ports a prede	— ominance of uplar	nd vegetation and d		•	c vegetation standard to be considered
Remarks: The	e sampled area sup				oes not meet	•	c vegetation standard to be considered
Remarks: The					oes not meet	•	c vegetation standard to be considered
Remarks: The	e sampled area sup				oes not meet	•	c vegetation standard to be considered
Remarks: The	e sampled area sup				oes not meet	•	c vegetation standard to be considered
Remarks: The	e sampled area sup efore, no soil pit wa				oes not meet	•	c vegetation standard to be considered
Remarks: The wetland. There	e sampled area supefore, no soil pit wa	s dug and hy			oes not meet	the hydrophyti	
Remarks: The wetland. There	e sampled area supefore, no soil pit wa	s dug and hy	dric soils are not o	considered to be pr	oes not meet	the hydrophyti	ondary Indicators (2 or more require
Remarks: The wetland. There we wetland. There we	e sampled area supefore, no soil pit wa Y drology Indicators ators (minimum of	s dug and hy	check all that app	considered to be pr	oes not meet	the hydrophyti	ondary Indicators (2 or more require Water Marks (B1) (Riverine)
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Primary Indices Surface Vater Mater String Water Mater String Water Surface Water Surface Water Table F Saturation Precincludes capil Describe Recomposition (Includes Capil D	e sampled area supefore, no soil pit was efore, no soil cators (minimum of efore to the constant of the constant (minimum of efore to the catorial efore to the constant (minimum of efore to the constant (minimum of efore to the catorial efore to the constant of the catorial efore to the catorial efore	cine) crine) crine) crine) crine) crine) crine) crine	check all that app Salt Cru X Biotic Ci Aquatic Hydroge Oxidized Presenc Recent Thin Mu Other (E	oly) Invertebrates (B13)	oes not meet esent.))) ng Living Roo (C4) illed Soils (C6) Wetlar pections), if and all pool. Althou	the hydrophyti Sec Lets (C3) Ind Hydrology vailable: gh no surface	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5) Present? Yes X No

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	o Sampling Date: 2/27/2020		
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 294		
Investigator(s): Beth Procsal and Raquel Atik		Section,	Township, R	Range: Section 31, T18S R01W		
Landform (hillslope, terrace, etc.): mesa top	indform (hillslope, terrace, etc.): mesa top Local relief (concave					
Subregion (LRR): C - Mediterranean California	Long: -117.01859 Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: None		
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)		
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No		
Are Vegetation Soil , or Hydrology				(If needed, explain any answers in Remarks.)		
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poli	nt locations	s, transects, important features, etc.		
Hydrophytic Vegetation Present? Yes	No X	_	0 1 1	A		
Hydric Soil Present? Yes	No X	is u	ne Sampled nin a Wetlan	YAS NO X		
Wetland Hydrology Present? Yes X	No	_ """	iii a wodan	u.		
Remarks: The majority of the vegetation on the site ha	s been disti	urbed due to	past land use	es. This feature was sampled during the growing season and		
does not meet the wetland criteria.			,			
VEGETATION - Use scientific names of plants).					
Trac Stratum (Diet size)	Absolute	Dominant	Indicator	Dominance Test worksheet:		
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species		
				That Are OBL, FACW, or FAC: 2 (A) Total Number of Dominant		
3				Species Across All Strata: 6 (B)		
				Percent of Dominant Species		
4.		= Total Cove	er	That Are OBL, FACW, or FAC: 33 (A/B)		
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index worksheet:		
2.				Total % Cover of: Multiply by:		
3.				OBL species1 x 1 =1		
4.				FACW species 0 x 2 = 0		
5.				FAC species1 x 3 =3		
		= Total Cove	er	FACU species6 x 4 =24		
Herb Stratum (Plot size:)				UPL species1 x 5 =5		
Plagiobothrys acanthocarpus	1	Y	OBL	Column Totals: 9 (A) 33 (B)		
2. Lepidium nitidum	1	Y	FAC	Prevalence Index = B/A = 3.7		
3. Mesembryanthemum nodiflorum	1	Y	FACU	·		
4. Erodium cicutarium	1	Y	UPL	Hydrophytic Vegetation Indicators:		
5. Erodium botrys	1	Y	FACU	Dominance Test is >50%		
6. Hordeum murinum	4	Y	FACU_	Prevalence Index is ≤3.0¹		
7				Morphological Adaptations¹ (Provide supporting		
8				data in Remarks or on a separate sheet)		
	9	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)		
Woody Vine Stratum (Plot size:)						
1. none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.		
2				be present, unless disturbed of problematic.		
		= Total Cove	er	Hydrophytic		
% Bare Ground in Herb Stratum 91 % Co	ver of Biotic	Crust		Vegetation Present? Yes No X		
Remarks: Sample area is a vernal pool that receives ru		-	all local micro			
predominance of hydrophytic vegetation, it does suppor						
		•	•			

Depth (inches)	Matrix Color (moist)	%	Color (moist)	%	es Type ¹	Loc ²	Texture	Remarks
		_						
							· ·	
								-
		_						
1Type: C=Cond	centration D=Denler	tion RM=Red	uced Matrix, CS=Covere	d or Coated 9	Sand Grain	e 2 ₁	ocation: PI =Po	re Lining, RC=Root Channel, M=Matrix.
			LRRs, unless othe			J		for Problematic Hydric Soils ³ :
Histosol	,			Redox (S5)	,			Muck (A9) (LRR C)
Histic Ep	ipedon (A2)		Strippe	d Matrix (S6)			Muck (A10) (LRR B)
Black His	` '			Mucky Mine				ed Vertic (F18)
	n Sulfide (A4)	\		Gleyed Mat				arent Material (TF2)
	Layers (A5) (LRI	₹ C)		ed Matrix (F3 Dark Surfac	-		Other	(Explain in Remarks)
	ck (A9) (LRR D) Below Dark Surf	ace (A11)		ed Dark Surfac	` '			
	rk Surface (A12)	400 (7111)		Depressions	. ,		³ Indicators	of hydrophytic vegetation and
Sandy M	ucky Mineral (S1))		Pools (F9)	,			d hydrology must be present,
Sandy G	leyed Matrix (S4)						unless	disturbed or problematic.
Restrictive L	ayer (if present):							
Type:								
Турс.								
Depth (inch	e sampled area s		edominance of uplan hydric soils are not o				Hydric Soil Pr	esent? Yes No X tic vegetation standard to be conside
Depth (inch Remarks: Th wetland. Ther	e sampled area s efore, no soil pit v							
Depth (inch Remarks: Th wetland. Ther	e sampled area s efore, no soil pit v	vas dug and					the hydrophyt	tic vegetation standard to be conside
Depth (inch Remarks: Th wetland. Ther HYDROLOG Wetland Hyd	e sampled area s efore, no soil pit v Y drology Indicato	vas dug and	hydric soils are not o	considered to			the hydrophyt	tic vegetation standard to be conside
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Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: <u>2/27/2020</u>
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 295
Investigator(s): Beth Procsal and Raquel Atik		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.554448509	•	Long: -117.01998029100 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slo				NWI classification: Depression
Are climatic / hydrologic conditions on the site typical for	•	vear? Yes	X No	
Are Vegetation X, Soil , or Hydrology		-		
				If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sho	owing sar	mpling poir	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	No			
	No		ne Sampled	Yes X No
	No	— with	nin a Wetland	d?
			noot land use	s. This feature was sampled during the growing season and
meets the wetland criteria.	s been dist	arbea aue to p	pasi iand use	s. This leature was sampled during the growing season and
VEGETATION – Use scientific names of plants.				
	Absolute	Dominant	Indicator	Dominance Test worksheet:
\ \	% Cover	Species?	Status	Number of Dominant Species
1. none				That Are OBL, FACW, or FAC: 1 (A)
2				Total Number of Dominant Species Across All Strata: 2 (R)
3				Percent of Dominant Species (B)
4				That Are OBL, FACW, or FAC: 50.0 (A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cove	er	
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species 3 x 1 = 3
				FACW species 18 x 2 = 36
5.				FAC species 1 x 3 = 3
·		= Total Cove		FACU species 11 x 4 = 44
Herb Stratum (Plot size:		70101 0070	- 1	UPL species x 5 = 0
1. Lythrum hyssopifolia	1	No	OBL	Column Totals: 33 (A) 86 (B)
2. Psilocarphus brevissimus	15	Yes	FACW	
3. Plagiobothrys acanthocarpus	1	No	OBL	Prevalence Index = B/A = 2.61
4. Spergularia bocconi	3	No	FACW	Hydrophytic Vegetation Indicators:
5. Hordeum murinum	10	Yes	FACU	Dominance Test is >50%
6. Lepidium nitidum	1	No	FAC	X Prevalence Index is ≤3.0¹
7. Erodium botrys	1	No	FACU	Morphological Adaptations ¹ (Provide supporting
8. Crassula aquatica	1	No	OBL	data in Remarks or on a separate sheet)
	33	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er er	Hydrophytic
		_		Vegetation
% Bare Ground in Herb Stratum67 % Cov	er of Biotic	Crust	0	Present? Yes X No
Remarks: Sample area is a vernal pool that receives run				
predominately of hydrophytic vegetation, it does support brevissimus, and Crassula aquatica).	tnree verna	ai pooi plant ii	naicator spec	les (Plagiobothrys acanthocarpus, Psilocarphus
, 2.2.2 27488000)				

Depth (inches)	Matrix Color (moist)		Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
								_
				_	· ·			_
¹ Type: C=Co	ncentration, D=Depletion	, RM=Reduce	d Matrix, CS=Cover	ed or Coated	Sand Grain	s. ² l	ocation: PL=Pore	e Lining, RC=Root Channel, M=Matrix.
Hydric Soi	Indicators: (Applica	able to all LF	RRs, unless othe	rwise note	ed.)		Indicators	for Problematic Hydric Soils ³ :
Histoso	I (A1)		Sandy	Redox (S5)			uck (A9) (LRR C)
	pipedon (A2)			d Matrix (S	,			uck (A10) (LRR B)
	listic (A3)			Mucky Mir				d Vertic (F18)
	en Sulfide (A4)	.,		Gleyed Ma				rent Material (TF2)
	d Layers (A5) (LRR (;)		ed Matrix (F	,		X Other (Explain in Remarks)
	uck (A9) (LRR D) ed Below Dark Surface	- (Λ11)		Dark Surfa ed Dark Su	` '			
	ark Surface (A12)	σ (Δ11)		Depression			3Indicators	of hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)	10 (1 0)			hydrology must be present,
	Gleyed Matrix (S4)			()				listurbed or problematic.
Restrictive	Layer (if present):							
Type:								
. , , ,								
Depth (ind				outside of t	he Review	Area. Hov	Hydric Soil Prever, hydric so	esent? Yes X No No lils were assumed to be present due to
Depth (ind Remarks: N the presenc	lo soil pit was dug due e of hydrophytic vege			outside of t	he Review	Area. Hov		
Depth (inc Remarks: N the presenc	lo soil pit was dug due e of hydrophytic vege	ation and we		outside of t	he Review	Area. Hov	vever, hydric sc	ils were assumed to be present due to
Depth (inc Remarks: N the presence YDROLOG Wetland H	lo soil pit was dug due e of hydrophytic vege GY ydrology Indicators:	tation and we	etland hydrology.		he Review	Area. Hov	vever, hydric so	ondary Indicators (2 or more required
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Primary Inc. X Surface High W X Saturat Sedime Drift De X Surface Hunda Water- Field Obsee Surface Wa Water Table Saturation F (includes ca	Jo soil pit was dug due e of hydrophytic vege GY ydrology Indicators: icators (minimum of control of the Water (A1) Join (A3) Marks (B1) (Nonriver ent Deposits (B2) (Nonriver ent Deposits (B3) (Nonriver ent Deposits (B3) (Nonriver ent Deposits (B3) (Nonriver ent Deposits (B4) (No	ine) inerequired; ine) inei) magery (B7) es N es N auge, monito	check all that app Salt Cru X Biotic C X Aquatic Hydroge Oxidizee Presenc Recent Thin Mu Other (E	oly) st (B11) rust (B12) Invertebrat en Sulfide C d Rhizosph ee of Reduc Iron Reduc ck Surface Explain in R ches): ches): chotos, prev	es (B13) Odor (C1) eres along red Iron (C4 tion in Tiller (C7) emarks) 1 0 vious inspe	Living Root 4) d Soils (Co	Sec Sec ots (C3) ond Hydrology available: n/a	ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (CS) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Inc X Surface High W X Saturat Water Sedime Drift De X Surface Hunda Water- Field Obse Surface Wa Water Table Saturation F (includes ca	Jo soil pit was dug due e of hydrophytic vege GY ydrology Indicators: icators (minimum of control of the Water (A1) Join (A3) Marks (B1) (Nonriver ent Deposits (B2) (Nonriver ent Deposits (B3) (Nonriver ent Deposits (B3) (Nonriver ent Deposits (B3) (Nonriver ent Deposits (B4) (No	ine) inerequired; ine) inei) magery (B7) es N es N auge, monito	check all that app Salt Cru X Biotic C X Aquatic Hydroge Oxidizee Presenc Recent Thin Mu Other (E	oly) st (B11) rust (B12) Invertebrat en Sulfide C d Rhizosph ee of Reduc Iron Reduc ck Surface Explain in R ches): ches): chotos, prev	es (B13) Odor (C1) eres along red Iron (C4 tion in Tiller (C7) emarks) 1 0 vious inspe	Living Root 4) d Soils (Co	Sec Sec ots (C3) ond Hydrology available: n/a	ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (CS) Shallow Aquitard (D3) FAC-Neutral Test (D5) Present? Yes X No

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	o Sampling Date: 3.3.20			
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 296			
Investigator(s): Andrew Smisek, Katy Chappaz		Section,	Township, R	ange: Section 31, T18S R01W			
Landform (hillslope, terrace, etc.): mesa top	indform (hillslope, terrace, etc.): mesa top Local relief (concave, co						
Subregion (LRR): C - Mediterranean California	Long: -117.022184214 Datum: NAD83						
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: None			
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)			
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No			
Are Vegetation Soil X, or Hydrology	 natura	ally problema	tic?	(If needed, explain any answers in Remarks.)			
				a transports important footures ato			
SUMMARY OF FINDINGS – Attach site map sh	lowing Sai	inpling poli	it iocations	s, transects, important leatures, etc.			
Hydrophytic Vegetation Present? Yes X	_No	_ le ti	ne Sampled	Λιοα			
Hydric Soil Present? Yes X	_No		nin a Wetland	YAS X NA			
Wetland Hydrology Present? Yes X	_No	_					
Remarks: The majority of the vegetation on the site ha	ıs been distı	urbed due to	past land use	s. This feature was sampled during the growing season and			
meets the wetland criteria.							
VEGETATION – Use scientific names of plants							
VEGETATION – Use scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:			
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species			
1. <u>none</u>				That Are OBL, FACW, or FAC:5(A)			
2				Total Number of Dominant			
3.				Species Across All Strata: 7 (B)			
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 71 (A/B)			
Capling/Chruh Ctratum /Dlat size:		= Total Cove	er				
Sapling/Shrub Stratum (Plot size:) 1. none				Prevalence Index worksheet:			
2				Total % Cover of: Multiply by:			
				OBL species x 1 =			
				FACW species x 2 =			
5.				FAC species x 3 =			
		= Total Cove	er	FACU species x 4 =			
Herb Stratum (Plot size:)				UPL species x 5 =			
1. Plantago elongata	1	Y	FACW	Column Totals: (A)(B)			
2. Mesembryanthemum nodiflorum	1	Y	FACU	Prevalence Index = B/A =			
3. Hordeum murinum	1	Y	FACU				
4. Spergularia bocconi	5	Y	FACW	Hydrophytic Vegetation Indicators:			
5. Plagiobothrys acanthocarpus	1	Y	OBL	X Dominance Test is >50%			
6. Psilocarphus brevissimus	1	<u> </u>	FACW	Prevalence Index is ≤3.0¹			
7. Lepidium latipes	1	Y	FACW	Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)			
8							
Woody Vine Stratum (Plot size:)	11	= Total Cov	er/er	Problematic Hydrophytic Vegetation¹ (Explain)			
·				Undicators of hydric soil and watland hydrology must			
1. none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.			
2		= Total Cove		<u> </u>			
		- TOTAL COVE	21	Hydrophytic Vegetation			
% Bare Ground in Herb Stratum89	ver of Biotic	Crust		Present? Yes X No			
Remarks: Sample area is a vernal pool that receives ru							
predominately of hydrophytic vegetation, it also supports				cies (Plantago elongata, Plagiobothrys acanthocarpus, and			
Psilocarphus brevissimus).							

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	 Matrix	-	Re	dox Featu	res			·
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-4	10YR 4/2.5	100					clay	no redox; soil very compact
4-18	10YR 4/3	100					sandy clay	no rdox
4-10	10111 4/3						Sanuy Clay	- HO TUOX
							-	
							-	
¹ Type: C=Cor	ncentration, D=Depletion	n, RM=Reduced	Matrix, CS=Covered	or Coated	Sand Grains	s. ²	Location: PL=Pore	e Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Application	able to all LR	Rs, unless other	wise note	d.)		Indicators f	for Problematic Hydric Soils ³ :
Histosol	I (A1)		Sandy R	Redox (S5)			1 cm M	uck (A9) (LRR C)
Histic E	pipedon (A2)		Stripped	Matrix (Se	6)			uck (A10) (LRR B)
Black H	istic (A3)		Loamy N	Aucky Min	eral (F1)			d Vertic (F18)
Hydroge	en Sulfide (A4)		Loamy (Gleyed Ma	trix (F2)		Red Pa	rent Material (TF2)
	d Layers (A5) (LRR (C)		d Matrix (F	,		X Other (E	Explain in Remarks)
	uck (A9) (LRR D)			ark Surfac	` '			
	d Below Dark Surfac	e (A11)		d Dark Sur	` ,		31	Shadaanha Kaasaan Ast
	ark Surface (A12)			epression	ıs (F8)			of hydrophytic vegetation and
	Mucky Mineral (S1) Gleyed Matrix (S4)		vernal P	Pools (F9)				hydrology must be present, isturbed or problematic.
·							uniess u	istarbed of problematic.
_	Layer (if present):							
Type:			_					
Depth (inc	hes):		_				Hydric Soil Pre	sent? Yes X No No
HYDROLO(or other factors, which	Thay include	numan-causeu dis	sturbance.				
							0	
_	/drology Indicators:		- 4 4					ondary Indicators (2 or more required)
	icators (minimum of o	one required;						Water Marks (B1) (Riverine)
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
	ater Table (A2)		X Biotic Cru	, ,	(5.40)			Orift Deposits (B3) (Riverine)
Saturati	,			nvertebrate	` ,			Orainage Patterns (B10)
	Marks (B1) (Nonriver	-		Sulfide O				Ory-Season Water Table (C2)
	ent Deposits (B2) (No				eres along	_		Thin Muck Surface (C7)
	posits (B3) (Nonrive	rine)			ed Iron (C4			Crayfish Burrows (C8)
	Soil Cracks (B6)	(5-1)			ion in Tilled	d Soils (Ci		Saturation Visible on Aerial Imagery (C9)
	ion Visible on Aerial I	magery (B7)		k Surface				Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	plain in Re	emarks)		'	FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat	er Present? Y	es N	o X Depth (incl	nes):		_		
Water Table	Present? Y		o X Depth (incl			_		
Saturation P		es N	o X Depth (incl	nes):		Wetla	and Hydrology	Present? Yes X No
(includes cap				-4-		-4: > :5	9-17	
Describe Rec	orded Data (stream o	gauge, monito	oring well, aerial ph	iotos, prev	ious inspe	ctions), if a	available:	
Remarks: Alt	hough no surface wa	iter was prese	ent at the time of th	e delineat	ion eviden	ce of surf	ace soil cracks	and a biotic crust indicate that the area
	and hydrology.	as prooc			, 5.14011	- 2. 5411		The state of the s

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	o Sampling Date: 3/3/2020			
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 297			
Investigator(s): Beth Procsal and JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W			
Landform (hillslope, terrace, etc.): mesa top Local relief (concave, convex, none): concave Slope (%							
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55436037	34	Long: -117.022590252 Datum: NAD83			
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: None			
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)			
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No			
Are Vegetation , Soil , or Hydrology				(If needed, explain any answers in Remarks.)			
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important features, etc.			
Hydrophytic Vegetation Present? Yes	No X						
	No X		he Sampled . nin a Wetland	YAS NO X			
Wetland Hydrology Present? Yes X	No	Will	iiii a vvetiaiii	ur ———			
Remarks: The majority of the vegetation on the site had does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and			
VEGETATION – Use scientific names of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:			
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species			
1none				That Are OBL, FACW, or FAC:1(A)			
2				Total Number of Dominant Species Across All Strata:			
				Percent of Dominant Species (B)			
T		= Total Cove		That Are OBL, FACW, or FAC: 50 (A/B)			
Sapling/Shrub Stratum (Plot size:)		. 510 551					
1. none				Prevalence Index worksheet:			
2.				Total % Cover of: Multiply by:			
3.				OBL species1 x 1 =1			
4.				FACW species10 x 2 =20			
5				FAC species1 x 3 =3			
		= Total Cove	er	FACU species1 x 4 =4			
Herb Stratum (Plot size:)				UPL species12 x 5 =60			
Plagiobothrys acanthocarpus	1	N	OBL	Column Totals:25			
2. Lepidium nitidum	1	N	FAC	Prevalence Index = B/A = 3.5			
3. Spergulatia bocconi	10	Y	FACW				
4. Glebionis coronaria	1	N	UPL	Hydrophytic Vegetation Indicators:			
5. Erodium botrys	1	N	FACU	Dominance Test is >50%			
6. Bromus rubens 7. Matricaria discoidea	1	N	UPL UPL	Prevalence Index is ≤3.0¹			
8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)			
	25	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)			
Woody Vine Stratum (Plot size:)							
1none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.			
2		= Total Cove		<u> </u>			
% Bare Ground in Herb Stratum 75 % Co	ver of Biotic		31	Hydrophytic Vegetation Present? Yes No X			
Remarks: Sample area is a vernal pool that receives ru predominance of hydrophytic vegetation, it does suppor							

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Sandy Redox (S5) 1 cm Mucl Black Histic Epipedon (A2) Stripped Matrix (S6) 2 cm Mucl Black Histic (A3) Loamy Mucky Mineral (F1) Reduced N Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) 1 cm Muck (A9) (LRR C) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Depleted Dark Surface (F6) Depleted Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vestand. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Saturation (A3) X Aquatic Invertebrates (B13) Drawater Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Sal Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7)	
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Sandy Redox (S5) 1 cm Muck Histic Epipedon (A2) Stripped Matrix (S6) Black Histic (A3) Loarny Mucky Mineral (F1) Reduced N Hydrogen Sulfide (A4) Loarny Gleyed Matrix (F2) Red Parer Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Redox Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Indicators of f wetland hydrology (F9) Wetland Hydroic soils are not considered to be present. **Primary Indicators (minimum of one required; check all that apply) Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B12) Surface Water (A1) Salt Crust (B12) Surface Water (A1) Salt Crust (B12) Diff Deposits (B2) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Presence of Reduced Iron (C4) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Salt Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Wetland Hydrology Princludes capillary fringe) Surface Water Present? Yes No Depth (inches): Wetland Hydrology Princludes capillary fringe) Section Recent fron Reduction in Tilled Soils (C6) Saltaration Present? Yes No Depth (inches): Wetland Hydrology Princludes capillary fringe) Sescribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Remarks
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Stripped Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Note of the Loamy Stripped Matrix (F2) Black Histic (A3) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parer Stratified Layers (A5) (LRR C) Depleted Matrix (F2) Red Parer Stratified Layers (A5) (LRR C) Depleted Bark Surface (F6) Depleted Bark Surface (F6) Depleted Bark Surface (F7) Thick Dark Surface (A12) Redox Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Wernal Pools (F9) Wetland hydric soils are not considered to be present. Primary Indicators of the hydrophytic vertaind. Therefore, no soil pit was dug and hydric soils are not considered to be present. Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B12) Surface Water (A1) Salt Crust (B12) Surface Water (A1) Salt Crust (B12) Diff Deposits (B2) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Presence Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Water Stained Leaves (B9) Other (Explain in Remarks) FA Wetland Hydrology Present? Yes No Depth (inches): Jater Table Pr	
Indicators: (Applicable to all LRRs, unless otherwise noted.)	
Indicators: (Applicable to all LRRs, unless otherwise noted.)	
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Stripped Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Note of the Loamy Stripped Matrix (F2) Red Parer Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Red Parer Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Red Parer Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Red Parer Stratified Layers (A5) (LRR C) Depleted Bark Surface (F6) Depleted Bark Surface (F6) Depleted Bark Surface (F7) Thick Dark Surface (A12) Redox Dark Surface (F7) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Vernal Pools (F9) Wetland Hydric Soil Present): Type: Depth (inches): Hydric Soil Presents: Primary Indicators of present at the time of the delineation, evidence of surface soil cracks indicators (B1) Salt Crust (B12) Drift Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence Soil Cracks (B6) Recent Tole (A3) Presence Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Primary Indicators: X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Salter Table Present? Yes No Depth (inches): Authority Fabric Methads (A1) Soil Crust (B12) Drift Deposits (B2) (Nonriverine) Drift Deposits (B2) (Nonriverine) Presence of Reduced Iron (C4) Presence Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Salter Table Present? Yes No Depth (inches): Authority Fabricane Leaves (B9) Other (Explain in Remarks) FA Methads (B1) (Fabricane Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Salter Table Present? Yes No Depth (inches): Scribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Stripped Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Note of the Loamy Stripped Matrix (F2) Black Histic (A3) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parer Stratified Layers (A5) (LRR C) Depleted Matrix (F2) Red Parer Stratified Layers (A5) (LRR C) Depleted Bark Surface (F6) Depleted Bark Surface (F6) Depleted Bark Surface (F7) Thick Dark Surface (A12) Redox Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Wernal Pools (F9) Wetland hydric soils are not considered to be present. Primary Indicators of the hydrophytic vertaind. Therefore, no soil pit was dug and hydric soils are not considered to be present. Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B12) Surface Water (A1) Salt Crust (B12) Surface Water (A1) Salt Crust (B12) Diff Deposits (B2) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Presence Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Water Stained Leaves (B9) Other (Explain in Remarks) FA Wetland Hydrology Present? Yes No Depth (inches): Jater Table Pr	
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Stripped Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Note of the Loamy Stripped Matrix (F2) Black Histic (A3) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parer Stratified Layers (A5) (LRR C) Depleted Matrix (F2) Red Parer Stratified Layers (A5) (LRR C) Depleted Bark Surface (F6) Depleted Bark Surface (F6) Depleted Bark Surface (F7) Thick Dark Surface (A12) Redox Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Wernal Pools (F9) Wetland hydric soils are not considered to be present. Primary Indicators of the hydrophytic vertaind. Therefore, no soil pit was dug and hydric soils are not considered to be present. Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B12) Surface Water (A1) Salt Crust (B12) Surface Water (A1) Salt Crust (B12) Diff Deposits (B2) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Presence Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Water Stained Leaves (B9) Other (Explain in Remarks) FA Wetland Hydrology Present? Yes No Depth (inches): Jater Table Pr	
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Histosol (A1) Sandy Redox (S5) 1 cm Muci Histic Epipedon (A2) Stripped Matrix (S6) 2 cm Muci Black Histic (A3) Loamy Mucky Mineral (F1) Reduced 's Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parer Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Ex; 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Andicators of the Sandy Mucky Mineral (S1) Vernal Pools (F9) Wetland Vernal Pools (F9) Wetland (S4) Sandy Mucky Mineral (S1) Vernal Pools (F9) Wetland (S4) Sandy Mucky Mineral (S4) Wetland (S4) Wetland (S4) Wetland (S5) Sandy Mucky Mineral (S4) Wetland (S5) Wetland (S6) Sestrictive Layer (if present): Type: Depth (inches): Hydric Soil Prese emarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic veltand. Therefore, no soil pit was dug and hydric soils are not considered to be present. **PROBLOGY** **PROBLOGY** **Netland Hydrology Indicators: **Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B12) Saturation (A3) X Aquatic Invertebrates (B13) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Dirit Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Cri X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Sal Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shelded Observations: urface Water Present? Yes No Depth (inches): urface Water Present? Yes No Depth (inches): urface Water Present? Yes No Depth (inches): scribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: **Metarchash Carbon Surface water was present at the time of the delineation, evidence of surface soil cracks indemarks: **Although no surface water was present at the time of the delineation, evidence of surface soil cracks indemarks: **Although no surfa	Problematic Hydric Soils ³ :
Histic Epipedon (A2) Stripped Matrix (S6) 2 cm Mucl Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Pare Stratified Layers (A5) (LRR C) Depleted Matrix (F2) Red Pare Stratified Layers (A5) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) Wetland hy Sandy Gleyed Matrix (S4) Vernal Pools (F9) Wetland hy sandy Gleyed Matrix (S4) Vernal Pools (F9) Wetland hy sandy Gleyed Matrix (S4) Wetland hy sandy Gleyed Matrix (S4) Wetland hydric soils are not considered to be present. Type: Depth (inches): Hydric Soil Prese temarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. **Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Sait Crust (B11) Secon Frimary Indicators (minimum of one required; check all that apply) Surface Water (A2) Biotic Crust (B12) Dri Saturation (A3) X Aquatic Invertebrates (B13) Dra Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thi Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Cra X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Sa Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Sh Water Table Present? Yes No Depth (inches): Vater Table Present? Yes No Depth	k (A9) (LRR C)
Black Histic (A3) Loamy Mucky Mineral (F1) Reduced N Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parer Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Ext 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) 3Indicators of h sandy Mucky Mineral (S1) Vernal Pools (F9) wetland hy sandy Gleyed Matrix (S4) unless dist estrictive Layer (if present): Type: Depth (inches): Wetland Hydric Soil Prese remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. **POROLOGY** **POROLOGY** **POROLOGY** **POROLOGY** **POROLOGY** **POROLOGY** **POROLOGY** **Portionary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Salt Crust (B12) Saturation (A3) Salt Crust (B12) Saturation (A3) Salt Crust (B12) Softman Deposits (B2) (Nonriverine) Drift Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Drift Deposits (B3) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Cra X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Sal Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Sh. Water-Stained Leaves (B9) Depth (inches): **Water Table Present? Yes No Depth (inches): **Water Table Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: **Water Salthough no surface water was present at the time of the delineation, evidence of surface soil cracks independent of the delineation, evidence of surface soil cracks independent of the delineation, evidence of surface soil cracks independent of the delineation, evidence of surface soil cra	k (A10) (LRR B)
Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Ext. 1 cm Muck (A9) (LRR D) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Lestrictive Layer (if present): Type: Depth (inches): Depleted Below Dark Surface (A12) Semanks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vertand. Therefore, no soil pit was dug and hydric soils are not considered to be present. Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Surface Water (A1) Salt Crust (B11) Set Matrix (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Drift Deposits (B3) (Nonriverine) Drift Deposits (B3) (Nonriverine) Drift Deposits (B3) (Nonriverine) Primary Indications (Time Marks (B4)) Drift Deposits (B4) Drift Deposits (B5) Drift Deposits (B6) Recent Iron Reduction in Tilled Soils (C6) Sal Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Sh Water Table Present? Yes No Depth (inches): Under Explain in Remarks) FA Beld Observations: Unface Water Present? Yes No Depth (inches): Under Scapillary fringe) Secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
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Thick Dark Surface (A12) Redox Depressions (F8) Alndicators of It wetland hy sandy Gleyed Matrix (S4) Wernal Pools (F9) Wetland hy unless dist destrictive Layer (if present): Type: Hydric Soil Prese Vetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. Primary Indicators (minimum of one required; check all that apply) Wetland Hydrology Indicators: Surface Water (A1) Salt Crust (B11) Saturation (A3) X Aquatic Invertebrates (B13) Drace Saturation (A3) X Aquatic Invertebrates (B13) Drace Saturation (A3) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry Sediment Deposits (B2) (Nonriverine) Presence of Reduced Iron (C4) Crace X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Sal Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Sh. Water-Stained Leaves (B9) Other (Explain in Remarks) FA Siteld Observations: Surface Water Present? Yes No Depth (inches): Wetland Hydrology Procludes capillary fringe) Beacribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
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Restrictive Layer (if present): Type: Depth (inches): Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vertland. Therefore, no soil pit was dug and hydric soils are not considered to be present. Variable	drology must be present,
Type:	urbed or problematic.
Type:	
Depth (inches):	
Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vertiand. Therefore, no soil pit was dug and hydric soils are not considered to be present. Variable	nt? Yes No X
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High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) FACTION OF This Muck Surface (C7) Water Table Present? Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Presence of Reduced Iron (C4) Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Remarks) FACTION Of This Muck Surface (C7) Should Observations: Saturation Present? Ves No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Pre	
Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) X Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) FA Field Observations: Surface Water Present? Ves No Depth (inches): Saturation Present? Yes No Dept	diment Deposits (B2) (Riverine)
Water Marks (B1) (Nonriverine)	ft Deposits (B3) (Riverine)
Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) X Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) FA Field Observations: Surface Water Present? Yes No Depth (inches): Saturation Present? Wetland Hydrology Present Present? Yes Saturation Present? Yes No Depth (inches):	ainage Patterns (B10)
Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crack Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) FA Field Observations: Surface Water Present? Ves No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Secription Depth (inches): Secription Remarks: Surface Water Present? Secription Remarks: Surface Water Present? Surface Water Present. Surface Wa	/-Season Water Table (C2)
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	esent? Yes X No
	esent? Yes X No

US Army Corps of Engineers

Arid West - Version 2.0

Project/Site: Southwest Village Specific	Plan Proje	ct	City/Cour	nty: San Dieg	10	Sampling Date	e: 3.3.20	
Applicant/Owner: Pardee Homes					State: CA	– Sampling Poir	nt: 298	
Investigator(s): Beth Proscal, JR Sundb	erg		Section,	Township, F	Range: Section 31, T18S	- R01W		
Landform (hillslope, terrace, etc.): mesa	top		Local re	lief (concave	, convex, none): concave	SI	ope (%): 0-2	 2
Subregion (LRR): C - Mediterranean Ca	lifornia	Lat:	32.55437642	18	Long: -117.022633559	 Dat	tum: NAD83	
Soil Map Unit Name: Huerhuero loam,					NWI classification			
Are climatic / hydrologic conditions on th		-	of year? Yes	X N	o (If no, explain in	Remarks.)		
Are Vegetation X, Soil , o					Are "Normal Circumstance		es X No	0
Are Vegetation , Soil X, o					(If needed, explain any an			
SUMMARY OF FINDINGS – Attack					s, transects, importan	t features, et	:c.	
Hydrophytic Vegetation Present?	Yes	XNo	lef	he Sampled	Aroa			
Hydric Soil Present?	Yes	XNo		hin a Wetlan	YΔC	X No		
Wetland Hydrology Present?	Yes	XNo						
weets the wetland criteria. VEGETATION – Use scientific nat	mes of pl	ants. Absolute	Dominant	Indicator	Dominance Test work	shoot:		
Tree Stratum (Plot size:)		Species?	Status	Number of Dominant Si			
1. none					That Are OBL, FACW,		1	(A)
2					Total Number of Domin			
3					Species Across All Stra		1	(B)
4			_		Percent of Dominant Sp That Are OBL, FACW, of		100	(A/B)
		,	= Total Cov	er				.(' /
Sapling/Shrub Stratum (Plot size:		_)			Dravelance Index wer	lrahaati		
1. <u>none</u> 2.					Prevalence Index work Total % Cover of:		Itiply by:	
3					OBL species		p.y 27.	
					FACW species			
					FAC species			
5			= Total Cov	 er	FACU species			
Herb Stratum (Plot size:)		-		UPL species			
1. Spergularia bocconi		30	Yes	FACW	Column Totals:	(A)		(B)
2. Festuca perennis		1	No	FAC	Prevalence Inde	y = R/Δ =		
3. Psilocarphus brevissimus		1	No	FACW	1 Tevalence inde	X - D/X		
4. Plagiobothrys acanthocarpus		1	No	OBL	Hydrophytic Vegetation	on Indicators:		
5					X Dominance Test	is >50%		
6					Prevalence Index	is ≤3.0¹		
7					Morphological Ad			ting
8						ks or on a sepa	•	
N. 1 V. 01 1 (D. 1)		33	= Total Co	ver	Problematic Hydr	ophytic Vegeta	tion¹ (Explair	n)
Woody Vine Stratum (Plot size:		_)			1			
1. <u>none</u> 2.					¹ Indicators of hydric so be present, unless dist			ust
% Bare Ground in Herb Stratum	67 %	6 Cover of Bioti	= Total Cove	er	Hydrophytic Vegetation Present?	es X	No	
Remarks: Sample area is a vernal pool								
predominately of hydrophytic vegetation brevissimus).	, it also sup	pports two verna	ai pooi plant in	aicator speci	es (Plaglobothrys acantho	carpus and Psil	ocarpnus	

Depth	Matrix		R	edox Feat	ures					
(inches)	Color (moist)	%	Color (moist)	%	_Type ¹ _	Loc ²	Texture	<u> </u>	Remarks	
0-2	10YR 3/2	99	7.5YR 4/4	1			sandy clay	redox		
2-18	10YR 4/3	100					sandy clay	no redox	(
			-							
			-							
			-				-			
			_							
			uced Matrix, CS=Covere			2			Root Channel, M=Matrix.	
-	`	able to al	I LRRs, unless other		•				natic Hydric Soils³:	
Histosol	(A1) pipedon (A2)			Redox (S5 d Matrix (S	•			Muck (A9) (LF Muck (A10) (LF		
Black Hi				u mamx (s Mucky Mir	,			iced Vertic (F1	,	
	n Sulfide (A4)			Gleyed Ma	` ,			Parent Materia	,	
	Layers (A5) (LRR	C)		ed Matrix (I				r (Explain in R		
	ick (A9) (LRR D)	,		Dark Surfa	,			\ 1	,	
Depleted	d Below Dark Surfac	e (A11)	Deplete	ed Dark Su	ırface (F7)					
Thick Da	ark Surface (A12)			Depressio			³ Indicator	s of hydrophyt	ic vegetation and	
	Sandy Mucky Mineral (S1)Vernal Pools (F9)						wetland hydrology must be present,			
Sandy G	Gleyed Matrix (S4)						unles	s disturbed or	problematic.	
Restrictive L	ayer (if present):									
Type:										
problematic of	edox observed; but i	ors of hyd	rophytic vegetation ar	nd wetland	l hydrology. 1	his featu	ire is a verna	ever, hydric so I pool that is se	Yes X No bils are assumed here as easonally ponded and may led disturbance	
Remarks: re problematic o lack hydric so	edox observed; but i due to strong indicat oil indicators due to	ors of hyd		nd wetland	l hydrology. 1	his featu	ldicator. How lare is a verna	ever, hydric so I pool that is se	pils are assumed here as easonally ponded and may	
Remarks: reproblematic collack hydric so	edox observed; but idue to strong indicatoil indicators due to	ors of hyd limited sat	rophytic vegetation ar	nd wetland	l hydrology. 1	his featu	idicator. How ure is a verna ch may includ	ever, hydric so I pool that is so e human-caus	pils are assumed here as easonally ponded and may sed disturbance.	
Remarks: reproblematic clack hydric so	edox observed; but if the to strong indicat oil indicators due to GY drology Indicators	ors of hydi limited sati	rophytic vegetation ar uration depth, saline o	nd wetland conditions,	l hydrology. 1	his featu	idicator. How ure is a verna ch may includ	ever, hydric so I pool that is so e human-caus econdary Indi	pils are assumed here as easonally ponded and may sed disturbance.	
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Remarks: reproblematic of lack hydric so lack hydri	edox observed; but in due to strong indicate bill indicators due to bill indicators due to decorate for the following of the	crine) crine) crine) crine) lmagery (I les les gauge, mo	rophytic vegetation are uration depth, saline of the uration depth (including the uration depth (includ	ly) st (B11) ust (B12) ust (B12) unvertebrai n Sulfide (I Rhizosph e of Reduc ck Surface xplain in F	tes (B13) Odor (C1) neres along L ced Iron (C4) ction in Tilled c (C7) Remarks)	iving Roc Soils (Co	ndicator. How are is a verna ch may included by a verna ch may include by a verna ch may include by a verna ch may include by a verna characteristic by a verna characteris	ever, hydric so I pool that is so I pool that is so I human-caus econdary Indi Water Marks Sediment D Drift Deposit Drainage Pa Dry-Season Thin Muck S Crayfish But Saturation V Shallow Aqu FAC-Neutra	cators (2 or more required is (B1) (Riverine) eposits (B2) (Riverine) esterns (B10) Water Table (C2) surface (C7) Trows (C8) (risible on Aerial Imagery (C9) witterd (D3) I Test (D5) Yes X No	

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	_Sampling Date:	3.3.20		
Applicant/Owner: Pardee Homes				State: CA	_Sampling Point:	299		
Investigator(s): Beth Proscal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S F	R01W			
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slop	e (%): <u>0-2</u>		
Subregion (LRR): C - Mediterranean California	Lat: <u>{</u>	32.55438376	44	Long: -117.022682808	Datum	n: <u>NAD83</u>		
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl	opes			NWI classificatio	n: None			
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in	Remarks.)			
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ped?	Are "Normal Circumstance	s" present? Yes	X No		
Are Vegetation Soil or Hydrology				(If needed, explain any ans	wers in Remarks	.)		
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	t features, etc.			
Hydrophytic Vegetation Present? Yes X	No	_	ha famalad	Aroo				
Hydric Soil Present? Yes X	No		he Sampled <i>i</i> hin a Wetland	Yes X	X No			
Wetland Hydrology Present? Yes X	No	_						
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and meets the wetland criteria. VEGETATION – Use scientific names of plants.								
	Absolute	Dominant	Indicator	Dominance Test works	sheet:			
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Sp				
1. none 2.				That Are OBL, FACW, o		(A)		
2				Total Number of Domina Species Across All Strate		1 (B)		
4.		= Total Cov	 er	Percent of Dominant Spo That Are OBL, FACW, o		100 (A/B)		
Sapling/Shrub Stratum (Plot size:)								
1. none				Prevalence Index work	sheet:			
2				Total % Cover of:	Multipl			
3				OBL species	x 1 =			
4				FACW species	x 2 =			
5				FAC species	x 3 =			
		= Total Cov	er	FACU species	x 4 =			
Herb Stratum (Plot size:)				UPL species	x 5 =			
1. Psilocarphus brevissimus	1	No	FACW	Column Totals:	(A)	(B)		
2. Spergularia bocconi	1	Yes	FACW	Prevalence Index	x = B/A =			
3. Plagiobothrys acanthocarpus		No	OBL_	Hydrophytic Vogetatio	n Indicators:			
4 5.				X Dominance Test is				
6				Prevalence Index				
7				Morphological Ada		le supporting		
8.					ks or on a separat	11 0 1		
	40	= Total Co	ver	Problematic Hydro	ophytic Vegetatio	n¹ (Explain)		
Woody Vine Stratum (Plot size:					1 7 3	(1)		
1. <u>none</u> 2.				¹ Indicators of hydric soi be present, unless distu				
		= Total Cov	er	Hydrophytic Vegetation	· ·			
	ver of Biotic		-11.1	Present? Ye				
Remarks: Sample area is a vernal pool that receives ru predominately of hydrophytic vegetation, it also supports acanthocarpus).								

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ires		_			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks		
0-3	10YR 4/2	95	7.5 YR 4/6	5	C	M/RC	sandy clay	redox		
3-18	10YR 4/3	100					sandy clay	no redox		
	-						-	_		
	_			-			_	-		
								_		
¹ Type: C=C	oncentration, D=Depletion	n, RM=Redu	ced Matrix, CS=Covered	or Coated	Sand Grain	s. ²	Location: PL=Por	e Lining, RC=Root Channel, M=Matrix.		
Hydric So	il Indicators: (Applic	able to all	LRRs, unless other	wise note	d.)		Indicators	for Problematic Hydric Soils ³ :		
Histose				Redox (S5)				uck (A9) (LRR C)		
	Epipedon (A2)			Matrix (S	•			luck (A10) (LRR B)		
	Histic (A3) gen Sulfide (A4)			Лиску Min Sleyed Ma				ed Vertic (F18) rrent Material (TF2)		
	ed Layers (A5) (LRR	C)	X Depleted	-				Explain in Remarks)		
	/luck (A9) (LRR D)	-,		ark Surfa			<u></u>			
Deplet	ed Below Dark Surfa	ce (A11)		d Dark Sui	. ,					
	Dark Surface (A12)			epression	ıs (F8)		³ Indicators of hydrophytic vegetation and			
	Mucky Mineral (S1)		Vernal F	Pools (F9)			wetland hydrology must be present,			
Sandy	Gleyed Matrix (S4)						unless	disturbed or problematic.		
	Layer (if present):									
Type:										
Depth (in	ches):						Hydric Soil Pre	esent? Yes X No No		
HYDROLC	GY									
	lydrology Indicators							ondary Indicators (2 or more required)		
-	dicators (minimum of	one require						Water Marks (B1) (Riverine)		
	ce Water (A1)		Salt Crus	. ,			Sediment Deposits (B2) (Riverine)			
_ ·	Vater Table (A2)		X Biotic Cru	` ,	(D40)			Drift Deposits (B3) (Riverine)		
	ation (A3)	wima)	X Aquatic Ir		, ,			Drainage Patterns (B10)		
l —	Marks (B1) (Nonrive ent Deposits (B2) (No			Sulfide C	eres along	Living Po		Dry-Season Water Table (C2) Thin Muck Surface (C7)		
	eposits (B3) (Nonriv e	-			ed Iron (C	_	· /	Crayfish Burrows (C8)		
	e Soil Cracks (B6)	51 III C /			ion in Tille	-		Saturation Visible on Aerial Imagery (C9)		
	ation Visible on Aerial	Imagery (B		k Surface		(-		Shallow Aquitard (D3)		
Water-	-Stained Leaves (B9)	0 , (-	plain in R				FAC-Neutral Test (D5)		
Field Obse	ervations:									
		Yes	No X Depth (incl	nes):						
Water Table			No X Depth (incl			_				
Saturation I			No X Depth (incl			Wetla	and Hydrology	Present? Yes X No		
,	apillary fringe)									
Describe Re	ecorded Data (stream	gauge, mor	nitoring well, aerial ph	otos, prev	ious inspe	ections), if	available:			
	Ithough no surface w hat the area supports	•		e delineat	ion, evide	nce of surf	face soil cracks,	a biotic crust, and aquatic invertebrates		
ali iliuloale li	nat the area supports	welland ny	агоюду.							
LIC Arms / Co	orne of Engineers							Arid West - Version 2.0		

US Army Corps of Engineers

Applicant/Owner: Pardee Homes State: CA Sampling Point: 300 Investigator(s): Andrew Smisek, Katy Chappaz Section, Township, Range: Section 31, T18S R01W Landform (hillslope, terrace, etc.): mesa top Local relief (concave, convex, none): concave Slope (%): 0-2 Subregion (LRR): C - Mediterranean California Lat: 32.5544258944 Long: -117.022644249 Datum: NAD83 Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slopes NWI classification: None Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.) Are Vegetation X, Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No Are Vegetation , Soil X, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)	
Lat: 32.5544258944 Long: -117.022644249 Datum: NAD83 Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slopes NWI classification: None Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.) Are Vegetation X, Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No Are Vegetation , Soil X, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)	
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Are Vegetation X, Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No Are Vegetation , Soil X, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)	
Are Vegetation, SoilX, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.	
Hydrophytic Vegetation Present? Yes X No	
Hydric Soil Present? Yes X No.	
Wetland Hydrology Present? Yes X No within a Wetland?	
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season	and
meets the wetland criteria.	una
VEGETATION – Use scientific names of plants.	
Absolute Dominant Indicator Tree Stratum (Plot size: Absolute Dominant Indicator Status Number of Dominant Species	
Number of Borninant Species	١)
2 Total Number of Dominant	'
Charles Agrees All Charles	3)
4. Percent of Dominant Species	
= Total Cover That Are OBL, FACW, or FAC: 67 (√B)
Sapling/Shrub Stratum (Plot size:)	
1. none Prevalence Index worksheet:	
2 Total % Cover of: Multiply by:	
3 OBL species x 1 = 2	
4 FACW species 4 x 2 = 8	
5 FAC species 0 x 3 = 0	
= Total Cover FACU species 8 x 4 = 32	
Herb Stratum (Plot size:)	
1. Plantago elongata 2 Yes FACW Column Totals: 14 (A) 42 (B	
2. Psilocarphus brevissimus 1 No FACW Prevalence Index = B/A = 3.0	
3. Matricaria discoidea 5 Yes FACU	
4. Plagiobothrys acanthocarpus 2 Yes OBL Hydrophytic Vegetation Indicators:	
5. Spergularia bocconi 1 No FACW X Dominance Test is >50%	
6. Deinandra fasciculata 1 No FACU X Prevalence Index is ≤3.0¹	
6. Deinandra fasciculata 1 No FACU 7. Hordeum murinum 1 No FACU No FACU Morphological Adaptations¹ (Provide supportions)	g
6. Deinandra fasciculata 1 No FACU 7. Hordeum murinum 1 No FACU 8. Lamarckia aurea 1 No FACU 1 No FACU 1 No FACU 2 Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)	
6. Deinandra fasciculata 1 No FACU 7. Hordeum murinum 1 No FACU 8. Lamarckia aurea 1 No FACU 1 No FACU 1 No FACU 2 Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) 14 = Total Cover Problematic Hydrophytic Vegetation¹ (Explain	
6. Deinandra fasciculata 1 No FACU 7. Hordeum murinum 1 No FACU 8. Lamarckia aurea 1 No FACU 1 No FACU 1 No FACU 2 data in Remarks or on a separate sheet) 1 = Total Cover 2 Problematic Hydrophytic Vegetation¹ (Explain	
6. Deinandra fasciculata 1 No FACU 7. Hordeum murinum 1 No FACU 8. Lamarckia aurea 1 No FACU 1 No FACU 1 Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) 1 = Total Cover Woody Vine Stratum (Plot size: 1 Indicators of hydric soil and wetland hydrology must be present unless disturbed or problematic	
6. Deinandra fasciculata 1 No FACU 7. Hordeum murinum 8. Lamarckia aurea 1 No FACU 1 No FACU 2 Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) 14 = Total Cover Woody Vine Stratum (Plot size: 1 none 2 1Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
6. Deinandra fasciculata 1 No FACU 7. Hordeum murinum 8. Lamarckia aurea 1 No FACU 1 No FACU 2 Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) 14 = Total Cover Woody Vine Stratum (Plot size: 1 none 2 = Total Cover 1 Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Hydrophytic Hydrophytic Hydro	
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6. Deinandra fasciculata 1 No FACU 7. Hordeum murinum 8. Lamarckia aurea 1 No FACU 1 No FACU 2 Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) 1 No FACU 2 Problematic Hydrophytic Vegetation¹ (Explain language) 1 No FACU 3 Prevalence Index is ≤3.0¹ 4 Provide supporting data in Remarks or on a separate sheet) 14 = Total Cover 1 Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 1 No FACU 4 Prevalence Index is ≤3.0¹ 5 Norphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) 1 Problematic Hydrophytic Vegetation¹ (Explain language) 1 Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 1 Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 1 Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
6. Deinandra fasciculata 1 No FACU 7. Hordeum murinum 8. Lamarckia aurea 1 No FACU 14 = Total Cover Woody Vine Stratum (Plot size: 1 none 2. = Total Cover Bare Ground in Herb Stratum 86 % Cover of Biotic Crust Remarks: Sample area is a vernal pool that receives runoff from a relatively small local micro-watershed. In addition to the vernal pool consisting predominately of hydrophytic vegetation, it also supports three vernal pool plant indicator species (Plantago elongata, Plagiobothrys acanthocarpus,	t
6. Deinandra fasciculata 1 No FACU 7. Hordeum murinum 8. Lamarckia aurea 1 No FACU 8. Lamarckia aurea 1 No FACU 1 Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) 1 1 No FACU 1 Problematic Hydrophytic Vegetation¹ (Explain Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 1 No FACU 2 Problematic Hydrophytic Vegetation¹ (Explain Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 1 No FACU 2 Problematic Hydrophytic Vegetation¹ (Explain Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 1 No FACU 2 Problematic Hydrophytic Vegetation¹ (Explain Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 1 No FACU 2 Problematic Hydrophytic Vegetation² (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation² (Explain Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 1 No FACU 2 Prevalence Index is ≤3.0¹ 3 No Prevalence Index is ≤3.0¹ 4 No Prevalence Index is ≤3.0¹ 4 Authorized the factorized Hydrophytic Vegetation² (Explain Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 1 No FACU 2 Problematic Hydrophytic Vegetation² (Explain Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 1 No FACU 2 Problematic Hydrophytic Vegetation² (Explain Indicators of hydric soil and wetland hydrology must be present? Yes X No Prevalence Indicators of hydric soil and wetland hydrology must be present.	t

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix	•	Re	dox Featu	res			•
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-2	10YR 4/2	100					sandy clay	no redox
2-18	10YR 4/2	100					·	no redox
<u> </u>	10111 4/2						clay	TIO TECLOX
								_
							-	
							-	
¹ Type: C=Cor	ncentration, D=Depletion	, RM=Reduced	Matrix, CS=Covered	or Coated	Sand Grains	s. ²	Location: PL=Por	re Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applica	ble to all LR	Rs, unless other	wise note	d.)		Indicators	for Problematic Hydric Soils ³ :
Histosol	I (A1)		Sandy F	Redox (S5))		1 cm M	luck (A9) (LRR C)
Histic E	pipedon (A2)		Stripped	Matrix (S	6)			luck (A10) (LRR B)
Black H	istic (A3)		Loamy N	Aucky Min	eral (F1)		Reduce	ed Vertic (F18)
Hydroge	en Sulfide (A4)		Loamy (Sleyed Ma	trix (F2)		Red Pa	arent Material (TF2)
	d Layers (A5) (LRR 0	;)		d Matrix (F	,		X Other (Explain in Remarks)
	uck (A9) (LRR D)			ark Surfa	` '			
	d Below Dark Surface	e (A11)		d Dark Sur	` '		31 11 1	
	ark Surface (A12)			epression	ıs (F8)			of hydrophytic vegetation and
	Mucky Mineral (S1)		vernal F	Pools (F9)				hydrology must be present,
·	Gleyed Matrix (S4)						uniess	disturbed or problematic.
Restrictive	Layer (if present):							
Type:			_					
Depth (inc	hes):		_				Hydric Soil Pre	esent? Yes X No No
	or other factors, which	may inolade	naman saasea die	- Turburioc.				
HYDROLOG								
_	/drology Indicators:			,				condary Indicators (2 or more required)
	icators (minimum of c	ne required;						Water Marks (B1) (Riverine)
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
	ater Table (A2)		X Biotic Cru	, ,				Drift Deposits (B3) (Riverine)
Saturati	` '			nvertebrate	` ,			Drainage Patterns (B10)
	Marks (B1) (Nonriver	-		Sulfide C				Dry-Season Water Table (C2)
	ent Deposits (B2) (No	•			eres along	_	· · · —	Thin Muck Surface (C7)
	posits (B3) (Nonrive	rine)			ed Iron (C4	•		Crayfish Burrows (C8)
	Soil Cracks (B6)	(5-1)			ion in Tilled	d Soils (Ce		Saturation Visible on Aerial Imagery (C9)
	ion Visible on Aerial I	magery (B7)		k Surface				Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	plain in Re	emarks)			FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat	er Present? Y	es N	o X Depth (incl	nes):		_		
Water Table	Present? Y	es N	o X Depth (incl	hes):		_		
Saturation P	resent? Y	es N	o X Depth (incl	nes):		Wetla	nd Hydrology	Present? Yes X No
(includes cap								
Describe Rec	orded Data (stream o	auge, monito	ring well, aerial ph	iotos, prev	ious inspec	ctions), if a	available:	
Domorko: Alt	hough no curfoss	torwoo pro-	unt at the time of the	o dolina-t	ion ovide:	oo of our	ann nail araal:-	and a highin arried indicate that the arra
	nougn no surrace wa and hydrology.	ter was prese	an at the time of th	e ueiineat	iori, eviden	oe oi sum	ace son cracks	and a biotic crust indicate that the area

Project/Site: Southwest Village Specific Plan 1	Project		City/Co	ounty:San Die	ego	Sa	mpling Date:	3/3/2020)
Applicant/Owner: Pardee Homes					State:CA	Sai	mpling Point:	301	
Investigator(s): Beth Procsal and JR Sundberg			Section	n, Township, F	Range: Section 31, T	18S R01	W		
Landform (hillslope, terrace, etc.): mesa top					e, convex, none):con			ope (%):0.	- 2
Subregion (LRR):C - Mediterranean California		 Lat:32.5			Long:-117.0227		 Dat	um:NAD	83
Soil Map Unit Name: Huerhuero loam, 2 to 9 pe							n:Depressio		
Are climatic / hydrologic conditions on the site typic			ar? Ye	es 🕟 No				<u> </u>	
Are Vegetation Soil		ificantly		_	e "Normal Circumstar		•) No	\circ
Are Vegetation Soil or Hydrology		rally pro			needed, explain any		~	9 140	\circ
	_						•		
SUMMARY OF FINDINGS - Attach site	map sh	owing	samp	oling point	locations, trans	ects, im	portant fe	∍atures, ——	, etc.
Hydrophytic Vegetation Present? Yes (No (
Hydric Soil Present? Yes (_		Is the Sample	ed Area				
Wetland Hydrology Present? Yes	No (within a Wetl	land? Yes	•	No 🔘		
Remarks: The majority of the vegetation on t			listurbe	ed due to pas	st land uses. This fo	eature wa	s sampled of	Juring the	e
growing season and meets the wetl	and criteri	a.							
VECETATION									
VEGETATION	A.I.	1 4 .	D	and Indianates	(D				
Tree Stratum (Use scientific names.)		solute Cover	Specie	es? Status	Number of Domin				
1. <i>None</i>					That Are OBL, F		• •	6	(A)
2.					Total Number of	Dominant		O	` '
3.					Total Number of Species Across A			8	(B)
4.					_				
	tal Cover:	%		 -	Percent of Domir That Are OBL, FA			5.0 %	(A/B)
Sapling/Shrub Stratum					Prevalence Inde				
1.None					Total % Cov			oly by:	
2. 3.					OBL species	3	x 1 =	3	-
4.					FACW species	5	x 2 =	10	
5.				 -	FAC species	1	x 3 =	3	
-	tal Cover:	%			FACU species	2	x 4 =	8	
Herb Stratum					UPL species	2	x 5 =	0	
1.Crassula aquatica		1	Yes	OBL	Column Totals:	11	(A)	24	(B)
2. Spergularia bocconi		3	Yes	FACW					
3. Lepidium latipes		2	Yes	FACW	Prevalence			2.18	
4. Mesembryanthemum nodiflorum		1	Yes	FAC	Hydrophytic Ve	_			
5. Lythrum hyssopifolia		1	Yes	OBL	✓ Dominance✓ Prevalence I				
6.Plagiobothrys acanthocarpus		1	Yes	OBL	Morphologic			o cupporti	na
7-Deinandra fasciculata		1	Yes	FACU			on a separat		iig
8. Hordeum murinum	tal Cover:	1	Yes	FACU	— Problematic	Hydrophyt	ic Vegetatior	า ¹ (Exp l ain	1)
Woody Vine Stratum	tal Cover:	11 %							
1. <i>None</i>					¹ Indicators of hydronic	dric soi l ar	าd wet l and h	ydro l ogy r	must
2.					be present.				
То	tal Cover:	%			Hydrophytic				
% Bare Ground in Herb Stratum 89 %	% Cover of	Biotic C	crust	%	Vegetation Present?	Yes (No ($\overline{}$	
			_				·		nol
Remarks: Sample area is a vernal pool that pool consisting predominately of									1141
(Plagiobothrys acanthocarpus and				it ases supp	ortina vernar poo	· Prant III	arearor spec		
		1	,						

SOIL Sampling Point: 301 Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Redox Features Loc² Texture³ (inches) Color (moist) Color (moist) Type¹ ¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix. ²Location: PL=Pore Lining, RC=Root Channel, M=Matrix. ³Soil Textures: Clay, Silty Clay, Sandy Clay, Loam, Sandy Clay Loam, Sandy Loam, Clay Loam, Silty Clay Loam, Silt Loam, Silt, Loamy Sand, Sand. Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils⁵: Histosol (A1) 1 cm Muck (A9) (LRR C) Sandy Redox (S5) Histic Epipedon (A2) Stripped Matrix (S6) 2 cm Muck (A10) (LRR B) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parent Material (TF2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Explain in Remarks) Redox Dark Surface (F6) 1 cm Muck (A9) (LRR D) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) ⁴Indicators of hydrophytic vegetation and Sandy Gleyed Matrix (S4) wetland hydrology must be present. Restrictive Layer (if present): Type: Depth (inches): **Hydric Soil Present?** Yes (•) No (Remarks: No redox features observed. However, hydric soils are assumed here as problematic due to strong indicators of hydrophytic vegetation and wetland hydrology. This feature is a vernal pool that is seasonally ponded and may lack hydric soil indicators due to limited saturation depth, saline conditions, or other factors, which may include human-caused disturbance. **HYDROLOGY** Wetland Hydrology Indicators: Secondary Indicators (2 or more required) Primary Indicators (any one indicator is sufficient) Water Marks (B1) (Riverine) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) High Water Table (A2) Biotic Crust (B12) Drift Deposits (B3) (Riverine) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Water Marks (B1) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Plowed Soils (C6) Saturation Visible on Aerial Imagery (C9) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Shallow Aquitard (D3) Water-Stained Leaves (B9) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes (No (Depth (inches): Water Table Present? Yes (No (Depth (inches):

Saturation Present? Yes No Depth (inches):

(includes capillary fringe)

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks, biotic crust, and San Diego fairy shrimp indicate that the area supports wetland hydrology.

US Army Corps of Engineers

Project/Site: Southwest Village Specific Plan Project		City/Cou	nty: <u>San D</u>	Diego		Sam	oling Date:3.	3.20	
Applicant/Owner: Pardee Homes					State: CA	Samı	oling Point:3()4	
Investigator(s):		Section,	Township,	, Rang	e: Section 31, T	 18S R01W	_		
Landform (hillslope, terrace, etc.): mesa top					nvex, none): cone			oe (%):0.	- 2
Subregion (LRR):C - Mediterranean California	Lat:32.5	5567747	472		Long:-117.0253	72404	 Datur	n: —	
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slo						assification:	None		
Are climatic / hydrologic conditions on the site typical for this		ar? Yes	O N	40 ((If no, explai	- n in Remark	(s.)		
	ignificant l y				ormal Circumstan			No	\circ
	aturally pro				ded, explain any a	•	_		
SUMMARY OF FINDINGS - Attach site map s				•			•	itures,	etc.
	· (•)	Ī			·				
		ls ls	the Samp	nled A	rea				
			ithin a We			\circ	No O		
Remarks: The majority of the vegetation on the site h	tivity. Th	ne vegeta	tion and	hydro	nd uses. The na ology of the sea	tural hydro sonal depr	ology of the essions/ver	nal poo	ls are
problematic due to the seasonality of their pand early spring months each year.	presence	with nyo	irology re	estrici	ted to the winter	r and veger	tation to the	: late w	ınter
VEGETATION									
	Absolute	Domina	nt Indicato	or [Dominance Test	worksheet	:		
Tree Stratum (Use scientific names.)	% Cover	Species	? Status	.	Number of Domin				
1. <i>None</i>			<u> </u>	▼	That Are OBL, FA	CW, or FAC	0:		(A)
2			<u> </u>	▼	Total Number of I	Dominant			
3	-			=	Species Across A	II Strata:	1		(B)
4			<u> </u>		Percent of Domin				
Total Cover Sapling/Shrub Stratum	%				That Are OBL, FA	CW, or FAC	0.0) % ((A/B)
1. <i>None</i>			1		Prevalence Inde	x workshee	t:		
2.			1		Total % Cove	er of:	Multiply	by:	
3.		•	1		OBL species		x 1 =	0	
4.		•			FACW species		x 2 =	0	
5				_	FAC species		x 3 =	0	
Total Covers Herb Stratum	: %				FACU species UPL species	6	x 4 = x 5 =	24	
1. Deinandra fasciculata	5	Yes	FACU		Column Totals:	1		5	(B)
2. Festuca myuros	1	No	FACU		Column Totals.	7	(A)	29	(D)
3. Schismus barbatus	1	No	UPL		Prevalence	Index = B/A	\ =	4.14	
4.			1		Hydrophytic Veg				
5.			1	T	Dominance T				
6.			1		Prevalence I				
7				$\overline{}$	Morphologica		ns' (Provide : n a separate :		ng
8.				T	Problematic I			-)
Total Covers Woody Vine Stratum	7 %				ш				
1. None			1	▼	¹ Indicators of hyd	Iric soi l and	wetland hyd	iro l ogy r	nust
2.					be present.				
Total Cover	%				Hydrophytic				
% Bare Ground in Herb Stratum 93 % % Cover	of Biotic C	Crust	%		Vegetation Present?	Yes (No 💿		
						- 0			
No ACOE vernal pool plant indicator spe	cies were	presen	. within th	ne bas	SIII.				
I .									

SOIL Sampling Point: 304 Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Redox Features Loc² Color (moist) Texture³ (inches) Color (moist) Type¹ \blacksquare \blacksquare \blacksquare \blacksquare \blacksquare \blacksquare \blacksquare ¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix. ²Location: PL=Pore Lining, RC=Root Channel, M=Matrix. ³Soil Textures: Clay, Silty Clay, Sandy Clay, Loam, Sandy Clay Loam, Sandy Loam, Clay Loam, Silty Clay Loam, Silt Loam, Silt, Loamy Sand, Sand. Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils: Histosol (A1) 1 cm Muck (A9) (LRR C) Sandy Redox (S5) Histic Epipedon (A2) Stripped Matrix (S6) 2 cm Muck (A10) (LRR B) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parent Material (TF2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Explain in Remarks) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) ⁴Indicators of hydrophytic vegetation and Sandy Gleyed Matrix (S4) wetland hydrology must be present. Restrictive Layer (if present): Type: Depth (inches): **Hydric Soil Present?** Yes (No (Remarks: No soil pit was dug as San Diego fairy shrimp protocol surveys were being done concurrently and the sample point could potentially support a listed fairy shrimp species. Hydric soils were assumed not to be present due to lack of hydrophytic vegetation and wetland hydrology. **HYDROLOGY** Wetland Hydrology Indicators: Secondary Indicators (2 or more required) Primary Indicators (any one indicator is sufficient) Water Marks (B1) (Riverine) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) High Water Table (A2) Biotic Crust (B12) Drift Deposits (B3) (Riverine) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Plowed Soils (C6) Saturation Visible on Aerial Imagery (C9) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Shallow Aquitard (D3)

FAC-Neutral Test (D5) Water-Stained Leaves (B9) Field Observations: Surface Water Present? Yes (No (Depth (inches): Water Table Present? Yes (No 🔘 Depth (inches): Saturation Present? Depth (inches): Yes (No ((•) Wetland Hydrology Present? Yes (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks: Although evidence of surface soil cracks was observed, wetland hydrology was assumed not present due to lack of hydrophytic vegetation and hydric soils. Water table level and saturation are not known as a soil pit was not dug due to the fact that protocol fairy shrimp surveys were being conducted concurrently. US Army Corps of Engineers Arid West - Version 11-1-2006

Project/Site: Southwest Village Specific Plan Project		City/County	San Diego)	Samp	oling Date:3/3	3/2020
Applicant/Owner: Pardee Homes				State:CA	 Samp	oling Point:30	6
Investigator(s): Andy Smisek and Katy Chappaz		Section, To	ownship, Rar	nge:Section 31, T1	8S R01W		
Landform (hillslope, terrace, etc.): mesa top		Local relie	f (concave, c	convex, none):conca	ave	Slope	e (%):0 - 2
Subregion (LRR):C - Mediterranean California	Lat:32.5	55174337	73	Long:-117.02293	1139	 Datum	:NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl					ssification:	—— None	
Are climatic / hydrologic conditions on the site typical for thi		ar? Yes	No (_		
		disturbed?		Normal Circumstanc	es" present	t? Yes 🕟	No 🔿
	naturally pro			eded, explain any ar	•	_	
SUMMARY OF FINDINGS - Attach site map						·	ures, etc.
	lo ()			<u>, </u>			,
	lo 🔵	le ti	ne Sampled	Area			
	lo O		nin a Wetlan			lo 🔘	
Remarks: The majority of the vegetation on the site		I				~	area, in
general, has been altered due to off-road a					•	~	
problematic due to the seasonality of their	presence	with hydro	ology restri	cted to the winter	and veget	ation to the	late winter
and early spring months each year.							+
VEGETATION							
Tree Stratum (Use scientific names.)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test v			
1.None	<u> </u>	Opecies:	Otatus	Number of Domina That Are OBL, FA			(A)
2.						1	(,
3.				Total Number of D Species Across All		1	(B)
4.	_			•		1	(-)
Total Cove	er: %			Percent of Domina That Are OBL, FA		100.0) % (A/B)
Sapling/Shrub Stratum			_			100.	,,,,,,
1.None	_			Prevalence Index Total % Cover		τ: Multiply∃	hv:
2. 3.				OBL species	1	x 1 =	1
4.		<u>▼</u>	▼	FACW species	1	x 2 =	2
5.				FAC species	5	x 3 =	15
Total Cove	r: %			FACU species	1	x 4 =	4
Herb Stratum				UPL species	•	x 5 =	0
1.Plagiobothrys acanthocarpus	11	No	OBL	Column Totals:	8	(A)	22 (B)
² Festuca perennis	5	Yes	FAC	Drovolonoo li	adov = P/A	_	0.75
3. Erodium botrys	1	No	FACU	Prevalence In Hydrophytic Vege			2.75
4. Spergularia bocconi	_ 1	No	FACW	> Dominance Te			
5.				× Prevalence Inc			
6. 7.				Morphological			upportina
8.	_					a separate s	
Total Cove	r o o		▼	Problematic H	ydrophytic '	Vegetation¹ (I	Exp l ain)
Woody Vine Stratum	r: 8 %						
1. <i>None</i>		▼		¹ Indicators of hydr be present.	ic soil and	wetland hydr	ology must
2			\blacksquare	be present.			
Total Cove	r: %			Hydrophytic Vegetation			
% Bare Ground in Herb Stratum 92 % % Cove	r of Biotic C	rust	%	Present?	Yes 💿	No 🔘	
Remarks: Sample area is a vernal pool that receives	runoff fr	om a relat	ively small	local micro-water	shed. In a	ddition to th	ne vernal
pool consisting predominately of hydrop							
(Plagiobothrys acanthocarpus).	-					-	

Depth	cription: (Describe to Matrix	ше аеры песа	Redox Features				
(inches)	Color (moist)	% Color		ype ¹ L	.oc²	Texture ³	Remarks
				\blacksquare			
	-						
	-						
				▼	▼		
					\blacksquare		
				T	T		
¹ Type: C=C		ion. RM=Reduce	d Matrix. ² Location: Pl	<u> </u>		oot Channel, N	—————————————————————————————————————
	· · · · · · · · · · · · · · · · · · ·				-		, Silt Loam, Silt, Loamy Sand, Sand.
Hydric Soil I	ndicators: (Applicable t	o all LRRs, unles	s otherwise noted.)		I	ndicators for P	roblematic Hydric Soils⁴:
Histoso	I (A1)		Sandy Redox (S5)			1 cm Muck	(A9) (LRR C)
	pipedon (A2)		Stripped Matrix (S6)		Ī		(A10) (LRR B)
	listic (A3)		Loamy Mucky Mineral (F	•		Reduced V	
	en Sulfide (A4)		Loamy Gleyed Matrix (F2	2)			t Material (TF2)
	d Layers (A5) (LRR C)		Depleted Matrix (F3)			X Other (Exp	lain in Remarks)
	uck (A9) (LRR D) d Below Dark Surface (<i>I</i>	Δ11)	Redox Dark Surface (F6) Depleted Dark Surface (I				
	ark Surface (A12)		Redox Depressions (F8)	')			
	Mucky Mineral (S1)	H	Vernal Pools (F9)		4	Indicators of h	ydrophytic vegetation and
	Gleyed Matrix (S4)		,				rology must be present.
Restrictive	Layer (if present):						
Type:							
Depth (in	nches):				H	ydric Soil Pre	sent? Yes No
Remarks: H	luerhuero loam soil se	eries is on the	Hydric Soils of San Di	ego Cou	nty list ob	tained from t	he Natural Resource
			•	-	-		potential vernal pool and may
SU	upport a listed fairy sl	hrimp species.	Hydric soils were assu	ımed to l	e present	due to the pr	resence of hydrophytic vegetation
	nd wetland hydrology	<i>I</i>					
HYDROLC)GY						
Wetland Hy	drology Indicators:					Secondar	y Indicators (2 or more required)
Primary Indi	cators (any one indicato	or is sufficient)				☐ Wate	r Marks (B1) (Riverine)
Surface	· Water (A1)		Salt Crust (B11)			Sedin	nent Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Crust (B12)			Drift D	Deposits (B3) (Riverine)
Saturati	ion (A3)		Aquatic Invertebrates (E	313)		Drain:	age Patterns (B10)
Water N	Marks (B1) (Nonriverine	*)	Hydrogen Sulfide Odor	(C1)		Dry-S	eason Water Table (C2)
Sedime	nt Deposits (B2) (Nonri	verine)	Oxidized Rhizospheres	along Livi	ng Roots (0	3) 🔲 Thin I	Muck Surface (C7)
Drift De	posits (B3) (Nonriverine	e)	Presence of Reduced In	on (C4)		Crayf	ish Burrows (C8)
Surface	Soil Cracks (B6)		Recent Iron Reduction i	n Plowed	Soi l s (C6)	Satur	ation Visible on Aerial Imagery (C9)
	ion Visib l e on Aerial Ima	agery (B7)	Other (Explain in Rema	rks)		Shallo	ow Aquitard (D3)
Inundat						FAC-	Neutral Test (D5)
	Stained Leaves (B9)				l		
Water-S		O No 💿	Depth (inches):				
Water-S	rvations: ter Present? Yes	~ ~	Depth (inches):				
Water-S Field Obser Surface Wat	rvations: ter Present? Present? Yes Yes	O No 💿	· · · /				10 11 0
Water-S Field Obser Surface Wat Water Table Saturation F (includes ca	rvations: ter Present? Present? Yes Present? Yes Present? Yes pillary fringe)	No No No No	Depth (inches):	aus inches	l		esent? Yes No
Water-S Field Obser Surface Wat Water Table Saturation F (includes ca	rvations: ter Present? Present? Yes Present? Yes Present? Yes pillary fringe)	No No No No	Depth (inches):	ous inspec	l		esent? Yes • No
Field Obser Surface Wat Water Table Saturation F (includes ca Describe Re	ter Present? Yes Present? Yes Present? Yes Present? Yes pillary fringe) ecorded Data (stream ga	No N	Depth (inches): Depth (inches): well, aerial photos, previo		tions), if av	ailable:	
Water-S Field Obser Surface Wat Water Table Saturation F (includes ca Describe Re	ter Present? Yes Present? Yes Present? Yes Present? Yes pillary fringe) ecorded Data (stream ga	No N	Depth (inches): Depth (inches): well, aerial photos, previous at at the time of the delegation of th	ineation,	evidence	ailable: of surface so	oil cracks indicate that the area
Water-S Field Obser Surface Water Table Saturation F (includes ca Describe Re Remarks:A) Su	ter Present? Yes Present? Yes Present? Yes Present? Yes pillary fringe) ecorded Data (stream ga	No N	Depth (inches): Depth (inches): well, aerial photos, previous at at the time of the delete level and saturation	ineation,	evidence	ailable: of surface so	
Water-S Field Obser Surface Wat Water Table Saturation F (includes ca Describe Re Remarks:A) Su	ter Present? Yes Present? Yes Present? Yes Present? Yes pillary fringe) ecorded Data (stream ga	No N	Depth (inches): Depth (inches): well, aerial photos, previous at at the time of the delegation of th	ineation,	evidence	ailable: of surface so	oil cracks indicate that the area
Water-S Field Obser Surface Wat Water Table Saturation F (includes ca Describe Re Remarks:A) Su	ter Present? Yes Present? Yes Present? Yes Present? Yes pillary fringe) ecorded Data (stream ga	No N	Depth (inches): Depth (inches): well, aerial photos, previous at at the time of the delete level and saturation	ineation,	evidence	ailable: of surface so	oil cracks indicate that the area
Water-S Field Obser Surface Wat Water Table Saturation F (includes ca Describe Re Remarks:A) Su	ter Present? Yes Present? Yes Present? Yes Present? Yes pillary fringe) ecorded Data (stream ga	No N	Depth (inches): Depth (inches): well, aerial photos, previous at at the time of the delete level and saturation	ineation,	evidence	ailable: of surface so	oil cracks indicate that the area

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	o Sampling Date: 3.3.20
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 307
Investigator(s): Andrew Smisek, Katy Chappaz		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat:	 32.55513408	24	Long: -117.022812306 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: None
Are climatic / hydrologic conditions on the site typical for	r this time of	f year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No
Are Vegetation Soil X, or Hydrology				(If needed, explain any answers in Remarks.)
				- 4
SUMMARY OF FINDINGS – Attach site map sh	nowing sai	mpling poli	nt location	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	No			_
Hydric Soil Present? Yes X	No	I	he Sampled nin a Wetlan	YAS X NO
Wetland Hydrology Present? Yes X	No		iiii a vvetiaii	u:
Remarks: The majority of the vegetation on the site ha	as been distr	urbed due to	past land use	es. This feature was sampled during the growing season and
meets the wetland criteria.			puot .uu uo	or this leads to the campion and give growing consent and
VEGETATION – Use scientific names of plants				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none	70 COVEI	_opecies:	Status	Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
2.				Total Number of Dominant
3				Species Across All Strata: 6 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC:(A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species 0 x 1 = 0
4.				FACW species 7 x 2 = 14
5				FAC species 0 x 3 = 0
		= Total Cove	er	FACU species 2 x 4 = 8
Herb Stratum (Plot size:)				UPL species1 x 5 =5
Plagiobothrys acanthocarpus	5	Y	FACW	Column Totals:10(A)27(B)
2. Spergularia bocconi	1	Y	FACW_	Prevalence Index = B/A = 2.7
3. Mesembryanthemum nodiflorum	1	Y	FACU_	
4. Hordeum murinum	1	<u>Y</u>	FACU	Hydrophytic Vegetation Indicators:
5. Schismus barbatus	1	<u> </u>	UPL	Dominance Test is >50%
6. Plantago elongata	1	Y	FACW_	X Prevalence Index is ≤3.0¹
7				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
8		T-4-1 O		·
Woody Vine Stratum (Plot size:)	10	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
				Indicators of hydric soil and watland hydrology must
1. none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2		T-4-1 0		<u> </u>
		= Total Cove	er	Hydrophytic Vegetation
% Bare Ground in Herb Stratum 90 % Co	ver of Biotic	Crust		Present? Yes X No
Remarks: Sample area is a vernal pool that receives ru	unoff from a	relatively sma	all local micro	-watershed. In addition to the vernal pool consisting
				es (Plagiobothrys acanthocarpus and Plantago elongata).
1				

Profile Des	cription: (Describe to	o the depth ne		ent the in		onfirm	the absence	of indicators.)	
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	– Textur	re	Remarks
0-1	10YR 3/2		YR 4/4	1	. <u> 77</u> _	M	sandy cla		
			111777			IVI			
1-6	10YR 4/3	100					sandy cla	<u>y</u>	
							_		
	oncentration, D=Depletion								ot Channel, M=Matrix.
-	I Indicators: (Applic	able to all LRF	•		•			ors for Problemat	•
Histoso	Epipedon (A2)			Redox (S5 I Matrix (S	•			n Muck (A9) (LRR n Muck (A10) (LR	•
	Histic (A3)			Mucky Mir				luced Vertic (F18)	K D)
	` '			Gleyed Ma				l Parent Material (TF2)
	Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR C) 1 cm Muck (A9) (LRR D)			d Matrix (F				er (Explain in Rem	•
) Dark Surfa					,
Deplete	ed Below Dark Surfac	e (A11)	Deplete	d Dark Su	rface (F7)				
	Oark Surface (A12)			Depressio	ns (F8)			ors of hydrophytic	-
	Mucky Mineral (S1)		Vernal F	Pools (F9)				and hydrology mu	
Sandy	Gleyed Matrix (S4)						unle	ss disturbed or pro	oblematic.
Restrictive	Layer (if present):								
Type: sh	novel refusal		_						
Depth (ind	ches): <u>6</u>		_				Hydric Soil	Present? Ye	s <u>X</u> No
	ators of hydrophytic vue to limited saturatio								
	ydrology Indicators							Socondary Indica	tors (2 or more required
	dicators (minimum of		nack all that anni	v)			3	Water Marks (
	e Water (A1)	one required, o	Salt Crus						osits (B2) (Riverine)
	/ater Table (A2)		Biotic Cru	, ,			-		(B3) (Riverine)
	tion (A3)			nvertebrat	es (R13)		_	Drainage Patte	
	Marks (B1) (Nonrive r	ine)		n Sulfide (. ,		-		ater Table (C2)
	ent Deposits (B2) (No	,			eres along Li	vina Ra	nots (C3)	Thin Muck Sur	, ,
	eposits (B3) (Nonrive	,		•	ced Iron (C4)	viilg i to	_	Crayfish Burro	` '
_	e Soil Cracks (B6)				tion in Tilled	Soils (C	- -		ble on Aerial Imagery (C9)
_	tion Visible on Aerial	Imagery (B7)		k Surface		000 (0	_	Shallow Aquita	= : : :
	Stained Leaves (B9)			plain in R	. ,		_	FAC-Neutral T	
Field Obse				<u> </u>					. ,
		es No	X Depth (inc	hes)·					
Water Table			X Depth (inc	· -		-			
Saturation F			X Depth (inc			- Wetl	and Hydrold	gy Present?	Yes X No
l	pillary fringe)		Bopai (iiio			- ""	uuy u o	99 . 1000	700 <u>X</u> 110
Describe Re	corded Data (stream o	gauge, monitor	ng well, aerial ph	notos, prev	ious inspect	ions), if	available:		
Remarks: Al	lthough no surface wa	ater was preser	t at the time of th	ne delinea	tion, evidenc	e of sur	face soil crad	cks indicate that th	e area supports wetland
hydrology.	-	•							

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	o Sampling Date: 3/3/2020						
pplicant/Owner: Pardee Homes State: CA Sampling Point: 309 vestigator(s): Beth Proscal, JR Sundberg Section, Township, Range: Section 31, T18S R01W										
Investigator(s): Beth Proscal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W						
Landform (hillslope, terrace, etc.): mesa top				, convex, none): concave Slope (%): 0-2						
Subregion (LRR): C - Mediterranean California	Lat:			Long: -117.021305639 Datum: NAD83						
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None						
Are climatic / hydrologic conditions on the site typical for		vear? Yes	X No	o (If no, explain in Remarks.)						
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No						
Are Vegetation , Soil , or Hydrology _				(If needed, explain any answers in Remarks.)						
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important features, etc.						
Hydrophytic Vegetation Present? Yes	No X	_	a Camalad	Arra						
Hydric Soil Present? Yes		I	ne Sampled nin a Wetlan	YAS NO X						
Wetland Hydrology Present? Yes X	No	_								
does not meet the wetland criteria. VEGETATION – Use scientific names of plants	S.			es. This feature was sampled during the growing season and						
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:						
1. none				Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)						
2				Total Number of Dominant Species Across All Strata:						
4.				Percent of Dominant Species (B)						
4.		= Total Cove		That Are OBL, FACW, or FAC:(A/B)						
Sapling/Shrub Stratum (Plot size:)		- Total Cove	21							
1. none				Prevalence Index worksheet:						
2.				Total % Cover of: Multiply by:						
3.				OBL species1 x 1 =1						
4.				FACW species0 x 2 =0						
5.				FAC species4 x 3 =12						
		= Total Cove	er	FACU species 5 x 4 = 20						
Herb Stratum (Plot size:)				UPL species1 x 5 =5						
1. Plagiobothrys acanthocarpus	1	No	OBL	Column Totals:11 (A)38(B)						
2. Lepidium nitidum	1	No	FAC	Prevalence Index = B/A = 3.5						
3. Hordeum murinum	4	Yes	FACU							
4. Erodium botrys Macamba conthamum nadiflarum	1	No No	FACU	Hydrophytic Vegetation Indicators:						
Mesembryanthemum nodiflorum Festuca perennis		No Yes	FACU FAC	Dominance Test is >50%						
Festuca perennis Amsinckia menziesii		No	UPL	Prevalence Index is ≤3.0¹						
8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)						
<u> </u>	11	= Total Cov	 /er	Problematic Hydrophytic Vegetation ¹ (Explain)						
Woody Vine Stratum (Plot size:)				Trobiomado riyaropriyaro vegetation (Explain)						
1. none				¹ Indicators of hydric soil and wetland hydrology must						
2.				be present, unless disturbed or problematic.						
		= Total Cove	er	Hydrophytic						
% Bare Ground in Herb Stratum89 % Co	ver of Biotic	Crust		Vegetation Present? Yes No X						
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro	-watershed. While the sample area does not support a						
predominance of hydrophytic vegetation, it does suppor										

	ription: (Describe	to the depth nee				confirm t	the absence	of indicato	ors.)	
Depth	Matrix			edox Featu					_	
(inches)	Color (moist)		color (moist)	%	Type ¹	Loc ²	Textur	<u>e</u>	Remar	ks
							_			
				- ——			_			
· ——		· — — —								
										_
· —										
¹ Type: C=Coi	ncentration, D=Depletio	n, RM=Reduced M	atrix, CS=Covere	ed or Coated	Sand Grains	s. ²	² Location: PL=	Pore Lining, F	RC=Root Channel,	M=Matrix.
Hydric Soil	Indicators: (Applic	able to all LRRs	s, unless othe	rwise note	d.)		Indicato	ors for Prob	lematic Hydric	Soils ³ :
Histoso	I (A1)		Sandy	Redox (S5)			1 cr	n Muck (A9)	(LRR C)	
Histic E	pipedon (A2)		Strippe	d Matrix (Se	6)		2 cr	n Muck (A10)) (LRR B)	
Black H	istic (A3)		Loamy	Mucky Min	eral (F1)		Red	luced Vertic	(F18)	
Hydroge	en Sulfide (A4)		Loamy	Gleyed Ma	trix (F2)		Red	l Parent Mat	erial (TF2)	
Stratifie	d Layers (A5) (LRR	C)	Deplete	ed Matrix (F	3)		Oth	er (Explain iı	n Remarks)	
1 cm Mi	uck (A9) (LRR D)			Dark Surfac	` '					
	d Below Dark Surfac	ce (A11)	Deplete	ed Dark Sur	face (F7)					
	ark Surface (A12)			Depression	ıs (F8)				hytic vegetation	
	Mucky Mineral (S1)		Vernal	Pools (F9)					gy must be pres	ent,
Sandy 0	Gleyed Matrix (S4)						unle	ss disturbed	or problematic.	
Restrictive	Layer (if present):									
Type:										
Depth (inc	hes):						Hydric Soil	Present?	Yes	No X
							4 41 1 1	h. 4: 4-		
	he sampled area su erefore, no soil pit wa						et the hydrop	nylic vegeta	uon standard to	be considered a
Wottana. The	orelere, no sen pit we	ao dag ana nyane	oons are not t	oniolacica	to be prose) I I C				
HYDROLOG										
Wetland Hy	drology Indicators	: :					<u> </u>	Secondary	Indicators (2 or	more required)
Primary Ind	icators (minimum of	one required; che	eck all that app	oly)				Water M	arks (B1) (Rive ı	ine)
Surface	Water (A1)		Salt Cru	st (B11)				Sedimen	t Deposits (B2)	(Riverine)
High W	ater Table (A2)		Biotic Cı	rust (B12)				Drift Dep	osits (B3) (Rive	rine)
Saturati	ion (A3)		Aquatic	Invertebrate	es (B13)				Patterns (B10)	-
	Marks (B1) (Nonrive	rine)		n Sulfide O	` ,		_		son Water Table	
l —	ent Deposits (B2) (No	=		l Rhizosphe		l ivina Ro	oots (C3)		ck Surface (C7)	(-)
l —	posits (B3) (Nonriv e	•		e of Reduc	_		_		Burrows (C8)	
l —	Soil Cracks (B6)	J.1110)		ron Reduct	-	-	-			rial Imagery (C9)
	` '	Imagany (P7)				u oolis (C	_			iai iiiiageiy (C9)
	ion Visible on Aerial			ck Surface			_		Aquitard (D3)	
vvater-s	Stained Leaves (B9)		Other (E	xplain in Re	emarks)		_	FAC-Net	utral Test (D5)	
Field Obser	vations:									
Surface Wat	er Present?	Yes No_	X Depth (in	ches):						
Water Table	Present?	Yes No _	Depth (in	ches):						
Saturation P	resent?	Yes No	Depth (in	ches):		Wetla	and Hydrold	gy Present	? Yes X	No
(includes cap	pillary fringe)									
Describe Rec	orded Data (stream	gauge, monitorin	g well, aerial p	hotos, prev	ious insped	ctions), if	available:			
	hough no surface w	•			-	ice of surf	face soil crad	cks indicate	that the area su	oports wetland
inyurology. W	ater table level and s	saturation are not	KIIOWII as a so	on pir was n	or dug.					
İ										

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	o Sampling Date: 3/3/2020						
pplicant/Owner: Pardee Homes State: CA Sampling Point: 310										
Investigator(s): Beth Proscal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S R01W						
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2						
Subregion (LRR): C - Mediterranean California	Lat: 3	32.55276067	54	Long: -117.021023179 Datum: NAD83						
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: None						
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in Remarks.)						
Are Vegetation X, Soil , or Hydrology	signifi	icantly disturb	ed?	Are "Normal Circumstances" present? Yes X No						
Are Vegetation Soil or Hydrology	 natura	ally problema	tic?	(If needed, explain any answers in Remarks.)						
SUMMARY OF FINDINGS – Attach site map sl				s transacts important features atc						
			it location.	s, transects, important reatures, etc.						
Hydrophytic Vegetation Present? Yes	No X	_ ∣ ls tł	ne Sampled	Area						
Hydric Soil Present? Yes	No X	I	nin a Wetlan	YAS NO X						
Wetland Hydrology Present? Yes X	_No	_								
does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and						
Table 1 and	Absolute	Dominant	Indicator	Dominance Test worksheet:						
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species						
1. none				That Are OBL, FACW, or FAC: 0 (A)						
2. 3.				Total Number of Dominant Species Across All Strata:						
				Percent of Dominant Species 1 (B)						
4.		= Total Cove		That Are OBL, FACW, or FAC: 0 (A/B)						
Sapling/Shrub Stratum (Plot size:)		10101 001	21							
1. none				Prevalence Index worksheet:						
2.				Total % Cover of: Multiply by:						
3.				OBL species 0 x 1 = 0						
4.				FACW species 2 x 2 = 4						
5.				FAC species 2 x 3 = 6						
		= Total Cove	er	FACU species16 x 4 =64						
Herb Stratum (Plot size:)				UPL species 3 x 5 = 15						
1. Medicago polymorpha	1	No	FACU	Column Totals:23 (A)89(B)						
2. Festuca perennis	2	No	FAC	Prevalence Index = B/A = 3.9						
3. Bromus madritensis	3	No	UPL							
4. Bromus hordeaceus	15	Yes	FACU	Hydrophytic Vegetation Indicators:						
5. Plantago elongata	1	No No	FACW	Dominance Test is >50%						
6. Lepidium latipes 7.	1	No	FACW_	Prevalence Index is ≤3.0¹						
8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)						
0	23	= Total Cov		Problematic Hydrophytic Vegetation ¹ (Explain)						
Woody Vine Stratum (Plot size:		rotal Got		Troblematic Hydrophytic Vegetation (Explain)						
1. none				¹ Indicators of hydric soil and wetland hydrology must						
2.				be present, unless disturbed or problematic.						
		= Total Cove	er	Hydrophytic						
% Bare Ground in Herb Stratum 77 % Co	ver of Biotic			Vegetation Present? Yes No X						
Remarks: Sample area is a vernal pool that receives rupredominance of hydrophytic vegetation, it does support										

Depth (inches)	Matrix Color (moist)	%	Color (moist)	dox Features%Type	e ¹ Loc ²	Texture	Remarks
		· -					
		·					
·		·					
·							
¹ Type: C=Cond	 centration, D=Depletio	n, RM=Reduce	ed Matrix, CS=Covered	or Coated Sand G	Grains. ² L	ocation: PL=Pore Lining	g, RC=Root Channel, M=Matrix.
-	`	able to all L	RRs, unless other	•			oblematic Hydric Soils ³ :
Histosol				edox (S5)		1 cm Muck (A	
	pipedon (A2)			Matrix (S6)	4.	2 cm Muck (A	
Black His	` '			Mucky Mineral (F	•	Reduced Ver	
	n Sulfide (A4)	C)		Gleyed Matrix (F2 I Matrix (F3)	2)	Red Parent N	• ,
	l Layers (A5) (LRR (lck (A9) (LRR D)	٥)		า เทลเกิх (คิง) rark Surface (F6)		Other (Explai	n in Remarks)
	l Below Dark Surfac	· Δ(Δ11)		l Dark Surface (F6)			
	ark Surface (A12)	C (ATT)		epressions (F8)	')	3Indicators of hvd	rophytic vegetation and
	lucky Mineral (S1)			ools (F9)			logy must be present,
	ileyed Matrix (S4)			()		•	ed or problematic.
	ayer (if present):						
Туре:							
Depth (inch	nes):					Hydric Soil Present?	Yes NoX
HYDROLOG	SY SY						
-	drology Indicators						y Indicators (2 or more required
Primary Indic	cators (minimum of	one required	; check all that apply	/)		Water	Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	, ,		Sedim	ent Deposits (B2) (Riverine)
High Wa	ater Table (A2)		X Biotic Cru	st (B12)		Drift D	eposits (B3) (Riverine)
Saturatio	on (A3)		Aquatic Ir	vertebrates (B1	3)	Draina	age Patterns (B10)
Water M	larks (B1) (Nonrive	rine)	Hydrogen	Sulfide Odor (C	1)	Dry-S	eason Water Table (C2)
	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizospheres al	ong Living Roo	ts (C3) Thin N	luck Surface (C7)
Sedimer	. , , ,		D	of Reduced Iron	(C4)	Cravfi	- L D
	oosits (B3) (Nonrive	erine)	Presence		(0.)		sh Burrows (C8)
Drift Dep		erine)		on Reduction in ⁻	` '		
Drift Dep	oosits (B3) (Nonrive	,	Recent Ire	on Reduction in ⁻ k Surface (C7)	` ') Satura Shallo	ation Visible on Aerial Imagery (C9 w Aquitard (D3)
Drift Dep X Surface	oosits (B3) (Nonrive Soil Cracks (B6)	,	Recent Iro Thin Muc		Filled Soils (C6) Satura Shallo	ation Visible on Aerial Imagery (C9
Drift Dep Surface Inundation Water-Si Field Observ	posits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations:	Imagery (B7)	Recent Ire Thin Muci	k Surface (C7) plain in Remarks	Filled Soils (C6) Satura Shallo	ation Visible on Aerial Imagery (C9 w Aquitard (D3)
Drift Dep X Surface Inundatio Water-Si Field Observ Surface Water	posits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations: er Present?	Imagery (B7)	Recent Ire Thin Muci Other (Ex	k Surface (C7) plain in Remarks nes):	Filled Soils (C6) Satura Shallo	ation Visible on Aerial Imagery (C9 w Aquitard (D3)
Drift Dep X Surface Inundation Water-St Field Observ Surface Water Water Table 6	posits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations: er Present?	/es I	Recent Ire Thin Mucl Other (Ex No X Depth (inch No Depth (inch	x Surface (C7) plain in Remarks nes):	Filled Soils (C6)Satura Shallo FAC-I	ation Visible on Aerial Imagery (C9 w Aquitard (D3) Neutral Test (D5)
Drift Dep X Surface Inundation Water-Si Field Observ Surface Water Water Table I Saturation Pro	posits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations: er Present?	Imagery (B7)	Recent Ire Thin Mucl Other (Ex No X Depth (inch No Depth (inch	x Surface (C7) plain in Remarks nes):	Filled Soils (C6) Satura Shallo	ation Visible on Aerial Imagery (C9 w Aquitard (D3) Neutral Test (D5)
Drift Dep X Surface Inundation Water-Si Field Observ Surface Water Water Table F Saturation Pro (includes cap	cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations: er Present?	/es I /es I	Recent Ire Thin Mucl Other (Ex No X Depth (inch No Depth (inch	x Surface (C7) plain in Remarks nes): nes):	Filled Soils (C6	Satura Shallo FAC-I	ation Visible on Aerial Imagery (C9 w Aquitard (D3) Neutral Test (D5)
Drift Dep X Surface Inundation Water-Si Field Observ Surface Water Water Table F Saturation Pro (includes cap)	cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations: er Present?	/es I /es I	Recent Iro Thin Mucl Other (Ex No X Depth (inch No Depth (inch	x Surface (C7) plain in Remarks nes): nes):	Filled Soils (C6	Satura Shallo FAC-I	ation Visible on Aerial Imagery (C9 w Aquitard (D3) Neutral Test (D5)
Drift Dep X Surface Inundation Water-Si Field Observ Surface Water Water Table If Saturation Pro (includes cap) Describe Reco	posits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations: er Present? Present? esent? esent? illary fringe) prided Data (stream anough no surface was	Imagery (B7) /es I /es I gauge, monit	Recent Iro Thin Mucl Other (Ex No X Depth (inch No Depth (inch toring well, aerial ph	x Surface (C7) plain in Remarks nes): nes): nes): otos, previous in e delineation, ev	Wetlar spections), if a	Satura Shallo FAC-I and Hydrology Prese vailable:	ation Visible on Aerial Imagery (C9) w Aquitard (D3) Neutral Test (D5)
Drift Dep X Surface Inundation Water-Si Field Observ Surface Water Water Table If Saturation Pro (includes cap) Describe Reco	posits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations: er Present? Present? esent? esent? illary fringe) prided Data (stream anough no surface was	Imagery (B7) /es I /es I gauge, monit	Recent Ird Thin Mucl Other (Ex No X Depth (inch No Depth (inch No Depth (inch toring well, aerial ph	x Surface (C7) plain in Remarks nes): nes): nes): otos, previous in e delineation, ev	Wetlar spections), if a	Satura Shallo FAC-I and Hydrology Prese vailable:	ation Visible on Aerial Imagery (C9 w Aquitard (D3) Neutral Test (D5)
Drift Dep X Surface Inundation Water-Si Field Observ Surface Water Water Table If Saturation Pro (includes cap) Describe Reco	posits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations: er Present? Present? esent? esent? illary fringe) prided Data (stream anough no surface was	Imagery (B7) /es I /es I gauge, monit	Recent Iro Thin Mucl Other (Ex No X Depth (inch No Depth (inch toring well, aerial ph	x Surface (C7) plain in Remarks nes): nes): nes): otos, previous in e delineation, ev	Wetlar spections), if a	Satura Shallo FAC-I and Hydrology Prese vailable:	ation Visible on Aerial Imagery (C9 w Aquitard (D3) Neutral Test (D5)

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	0	_Sampling Da	ate: 3.26.20)
Applicant/Owner: Pardee Homes				State: CA	_Sampling Po	oint: 311	
Investigator(s): JR Sundberg, Raquel Atik		Section,	Township, R	Range: Section 31, T18S F	R01W		
Landform (hillslope, terrace, etc.): mesa top		Local reli	ief (concave,	, convex, none): concave		Slope (%):	0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.550043188	38	Long: -117.009714472	D	atum: NAD8	33
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30	percent slope	es		NWI classificatio	n: None		
Are climatic / hydrologic conditions on the site typical for	or this time of	year? Yes	X No	(If no, explain in	Remarks.)		
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstance		Yes X	No
Are Vegetation, SoilX,or Hydrology				(If needed, explain any ans			
SUMMARY OF FINDINGS – Attach site map s				s, transects, importan	t features,	etc.	
Hydrophytic Vegetation Present? Yes X	_No	_ lo th	ne Sampled	Aroa			
Hydric Soil Present? Yes X	_No	-	in a Wetlan	YAC X	< No _		
Wetland Hydrology Present? Yes X	_No	_					
Remarks: The majority of the vegetation on the site h meets the wetland criteria. VEGETATION – Use scientific names of plant	s.						
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works			
1 none				Number of Dominant Sp That Are OBL, FACW, o		2	(A)
2				Total Number of Domina			_(^)
3.				Species Across All Strat		2	(B)
4.			er	Percent of Dominant Sp That Are OBL, FACW, o		100	(A/B)
Sapling/Shrub Stratum (Plot size:)							
1. none				Prevalence Index work			
2.				Total % Cover of:		fultiply by:	
3		-		OBL species			
4				FACW species			
5				FAC species FACU species			_
Herb Stratum (Plot size:)		= Total Cove	2	UPL species			_
1. Eleocharis macrostachya	4	Yes	FACW	Column Totals:	(A)		— (B)
Xanthium strumarium	1	No No	FAC				_` ′
3. Festuca perennis	5	Yes	FAC	Prevalence Index	x = B/A =		_
4. Juncus bufonius	1	No	FACW	Hydrophytic Vegetatio	n Indicators	:	
5. Brassica nigra	1	No	UPL	X Dominance Test is	s >50%		
6.				Prevalence Index	is ≤3.0¹		
7. 8.				Morphological Ada			
	12	= Total Cov	er	Problematic Hydro	•		•
Woody Vine Stratum (Plot size:)				i robiomato riyare	spriyuo vogo	tation (Expi	idii i)
1. none				¹ Indicators of hydric soi			must
2.				be present, unless distu	urbed or prob	olematic.	
	over of Biotic	= Total Cove	er	Hydrophytic Vegetation Present? Ye	es X	No	
Remarks: No ACOE vernal pool plant indicator species			nacin				_
remains. No ACOL vernal pool plant indicator species	s were prese	an wiu iii u ie t	gasii i.				

Depth	Matrix		h needed to docum Re	edox Feat					,	-	
(inches)	Color (moist)	%	Color (moist)	%	_Type ¹	Loc ²	Text	ure		Remark	s
0-18	7.5 YR 3/1	99	7.5YR 4/4	1	С	М	clay		redox		
		_					_				
¹ Type: C=Co	ncentration, D=Deple	tion, RM=Redu	iced Matrix, CS=Covere	d or Coated	Sand Grains.		² Location: Pl	L=Pore Lir	ning, RC=	Root Channel, I	M=Matrix.
			LRRs, unless other							natic Hydric S	
Histoso	ol (A1)		Sandy F	Redox (S5)			cm Muck		-	
	Epipedon (A2)			d Matrix (S	•			cm Muck			
	Histic (A3)			Mucky Mir	,			educed \	, , ,	,	
— Hydrog	gen Sulfide (A4)	Loamy	Gleyed Ma	atrix (F2)		— Re	ed Paren	t Materia	al (TF2)		
Stratifie	ed Layers (A5) (LRI	Deplete	d Matrix (I	- 3)		<u>X</u> 0	ther (Exp	lain in R	emarks)		
1 cm M	luck (A9) (LRR D)	Redox [Dark Surfa	ice (F6)							
Deplete	ed Below Dark Surf	ace (A11)	Deplete	d Dark Su	rface (F7)						
Thick D	Oark Surface (A12)			Depressio			³ Indica	ators of h	ydrophyt	tic vegetation	and
	Mucky Mineral (S1)	•	Vernal I	Pools (F9)				-		nust be prese	nt,
Sandy	Gleyed Matrix (S4)						un	less dist	irbed or	problematic.	
Restrictive	Layer (if present)										
Type:											
Depth (ind	ches):						Hydric So	oil Prese	nt?	Yes X	No
		o iiiiileu salt	ıration depth, saline c	Oliditions,	Of Other lact	.015, WII	licii illay illic	Jude Hui	ian-caus	seu disturbant	
HYDROLO											
	ydrology Indicato										more required
Primary Inc	dicators (minimum d	of one require	ed; check all that app	y)				Wa	ter Marks	s (B1) (Riveri	ne)
X Surface	e Water (A1)		Salt Crus	st (B11)				Sec	liment D	eposits (B2) (Riverine)
High W	/ater Table (A2)		X Biotic Cr	ust (B12)				Drif	t Deposit	ts (B3) (River	ine)
X Satura	tion (A3)		X Aquatic I	nvertebrat	es (B13)			Dra	inage Pa	atterns (B10)	
Water	Marks (B1) (Nonriv	verine)	Hydroge	n Sulfide (Odor (C1)			Dry	-Season	Water Table	(C2)
Sedime	ent Deposits (B2) (I	Nonriverine)	Oxidized	Rhizosph	eres along L	iving R	oots (C3)	Thi	า Muck S	Surface (C7)	
X Drift De	eposits (B3) (Nonri	verine)	Presence	e of Reduc	ced Iron (C4)			Cra	yfish Bur	rrows (C8)	
Surface	e Soil Cracks (B6)		Recent I	on Reduc	tion in Tilled	Soils (0	C6)	Sat	uration V	isible on Aeri	al Imagery (C9
 Inunda	tion Visible on Aeri	al Imagery (E	B7) Thin Mud	k Surface	(C7)			— Sha	allow Aqu	uitard (D3)	
	Stained Leaves (B9		· —	xplain in R	temarks)			FAC	C-Neutra	l Test (D5)	
Eigld Obas	mratiana.	-									
Field Obse	rvations: iter Present?	Voc V	No Donth (inc	hoc):	1						
		Yes X			0	-					
Water Table		Yes x			0	-	المسلمينا المسا	Janus Dus		V V	NI-
Saturation F	resent? apillary fringe)	Yes X	No Depth (inc	nes):	0	- weti	land Hydro	ology Pre	sent?	Yes X	_ NO
		m dalide mo	nitoring well, aerial pl	notos nrev	vious inspect	ions) if	f available.				
_ 5551100 1 (6)	ssiasa bala (siidai	94490, 1110		.5.55, pre		,, 11	aranabic.				
Remarks: S	urface water was p	resent at the	time of the delineatio	n, as well	as evidence	of satu	ration, drift	deposits.	biotic cr	ust, aquatic ir	vertebrates, ar
			dicating that the area				•			•	,

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	o Sampling Date: 3.26.20
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 314
Investigator(s): JR Sundberg, Raquel Atik		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local reli	ief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.550675885	55	Long: -117.020196142 Datum: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30 p	ercent slope	es		NWI classification: None
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ed?	Are "Normal Circumstances" present? Yes X No
Are Vegetation , Soil X, or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	_No	_ le th	ne Sampled	Area
Hydric Soil Present? Yes X	_No	I	in a Wetlan	YAS X NO
Wetland Hydrology Present? Yes X	No	_		
meets the wetland criteria. VEGETATION – Use scientific names of plants	S.			es. This feature was sampled during the growing season and
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none	70 0010.			Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2.				Total Number of Dominant
3				Species Across All Strata: 1 (B)
4		= Total Cove		Percent of Dominant Species That Are OBL, FACW, or FAC:
Sapling/Shrub Stratum (Plot size:)		- Total Cove	ei	
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species 0 x 1 = 0
4.				FACW species10 x 2 =20
5.				FAC species 2 x 3 = 6
		= Total Cove	er	FACU species 4 x 4 = 16
Herb Stratum (Plot size:)				UPL species 0 x 5 = 0
1. Hordeum murinum	3	No	FACU	Column Totals:16
2. Hordeum depressum	10	Yes	FACW	Prevalence Index = B/A = 2.6
3. Festuca perennis	2	No	FAC	
4. Medicago polymorpha	1	No	FACU_	Hydrophytic Vegetation Indicators:
5.				X Dominance Test is >50%
6				X Prevalence Index is ≤3.0¹ Morphological Adaptations¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	16	= Total Cov	er	Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				
1. <u>none</u>				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2				be present, unless disturbed or problematic.
% Bare Ground in Herb Stratum 84 % Co	ver of Biotic	= Total Cove	er	Hydrophytic Vegetation Present? Yes X No
Remarks: No ACOE vernal pool plant indicator species			nasin	
To read your plant indicator species	. Horo prose	widini diG L	AGIII.	

Depth (inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	
0-6	nes) Color (moist) %	100			. <u></u>		loamy			
<u> </u>	1011(0/0			_			- loanly			
Type: C=Co	ncentration, D=Depletion	n, RM=Reduc	ced Matrix, CS=Cover	ed or Coated	Sand Grains	s. ² l	Location: PL=Po	ore Lining, RC=	Root Channel, M=Matr	х.
lydric Soi	I Indicators: (Applica	able to all L	LRRs, unless othe	rwise note	d.)		Indicators	s for Problen	natic Hydric Soils ³ :	
Histoso	l (A1)		Sandy	Redox (S5))		1 cm	Muck (A9) (L	RR C)	
Histic E	pipedon (A2)		Strippe	ed Matrix (S	6)			Muck (A10) (I	•	
Black H	listic (A3)		Loamy	Mucky Min	eral (F1)		Reduc	ced Vertic (F1	18)	
Hydrog	en Sulfide (A4)		Loamy	Gleyed Ma	ıtrix (F2)			Parent Materia	` '	
	ed Layers (A5) (LRR 0	C)		ed Matrix (F	,		X Other	(Explain in R	temarks)	
	uck (A9) (LRR D)			Dark Surface	` '					
	ed Below Dark Surface	e (A11)		ed Dark Sur	` '		2	.		
	Park Surface (A12)			Depression	ıs (F8)				tic vegetation and	
′	Mucky Mineral (S1)		Vernal	Pools (F9)				, ,,	must be present,	
Sandy	Gleyed Matrix (S4)						uniess	disturbed or	problematic.	
Restrictive	Layer (if present):									
	ovel refusal						1			
Type: sh Depth (ind Remarks: N vetland hyd		a vernal po	ool that is seasonal	ly ponded a	and may lac			j indicators of		
Type: sh Depth (inc Remarks: N vetland hyd conditions, o	ches): 6 lo redox features obsimology. This feature is or other factors, which	a vernal po may includ	ool that is seasonal	ly ponded a	and may lac		due to strong	indicators of due to limited	f hydrophytic vegetat saturation depth, sa	line
Type: sh Depth (inc Remarks: Novetland hydronditions, conditions, conditions, conditions)	ches): 6 lo redox features obsimology. This feature is or other factors, which GY ydrology Indicators:	s a vernal po may includ	ool that is seasonal de human-caused d	ly ponded a listurbance.	and may lac		due to strong	g indicators of due to limited	f hydrophytic vegetat saturation depth, sa	line
Type: sh Depth (inc Remarks: N vetland hyd conditions, c YDROLO Wetland H Primary Ind	ches): 6 Io redox features obsimology. This feature is or other factors, which GY ydrology Indicators: licators (minimum of comments)	s a vernal po may includ	ool that is seasonal de human-caused d d; check all that app	ly ponded a disturbance.	and may lac		due to strong	g indicators of due to limited econdary Ind Water Mark	f hydrophytic vegetat saturation depth, sa licators (2 or more r s (B1) (Riverine)	line equire
Type: sh Depth (inc Remarks: N vetland hyd onditions, c YDROLO Wetland H Primary Ind Surface	lo redox features obstrology. This feature is or other factors, which GY ydrology Indicators: licators (minimum of ce Water (A1)	s a vernal po may includ	ool that is seasonal de human-caused de human-	ly ponded a disturbance.	and may lac		due to strong	indicators of due to limited condary Ind Water Mark Sediment D	f hydrophytic vegetat saturation depth, sa licators (2 or more r s (B1) (Riverine)	line equire
Type: sh Depth (inc Remarks: N vetland hyd conditions, c YDROLO Wetland H Primary Ind Surface High W	lo redox features observology. This feature is or other factors, which gy ydrology Indicators: licators (minimum of ce Water (A1)	s a vernal po may includ	ool that is seasonal de human-caused d d; check all that app Salt Cru Biotic C	ly ponded a disturbance. bly) set (B11) rust (B12)	and may lad		due to strong	indicators of due to limited condary Ind Water Mark Sediment D Drift Deposi	f hydrophytic vegetat saturation depth, sa licators (2 or more r s (B1) (Riverine) deposits (B2) (Riverine) its (B3) (Riverine)	line equire
Type: sh Depth (inc Remarks: N vetland hyd conditions, c YDROLO Wetland H Primary Ind Surface High W	lo redox features obstrology. This feature is or other factors, which GY ydrology Indicators: licators (minimum of ce Water (A1)	s a vernal po may includ	ool that is seasonal de human-caused d d; check all that app Salt Cru Biotic C	ly ponded a disturbance.	and may lad		due to strong	indicators of due to limited condary Ind Water Mark Sediment D Drift Deposi	f hydrophytic vegetat saturation depth, sa licators (2 or more r s (B1) (Riverine)	line equire
Type: sh Depth (inc Remarks: N vetland hyd conditions, c YDROLO Wetland H Primary Ind Surface High W Saturat	lo redox features observology. This feature is or other factors, which gy ydrology Indicators: licators (minimum of ce Water (A1)	s a vernal po nay includ	d; check all that app Salt Cru Biotic Ci Aquatic	ly ponded a disturbance. bly) set (B11) rust (B12)	es (B13)		due to strong	pindicators of due to limited condary Ind Water Mark Sediment D Drift Deposi	f hydrophytic vegetat saturation depth, sa licators (2 or more r s (B1) (Riverine) deposits (B2) (Riverine) its (B3) (Riverine)	line equire
Type: sh Depth (inc Remarks: N vetland hyd conditions, c YDROLO Wetland H Primary Ind Surface High W Saturat Water I	lo redox features obstrology. This feature is or other factors, which gyrology Indicators: licators (minimum of ce Water (A1) (ater Table (A2) cion (A3)	a vernal po may includ may includ one required	d; check all that app Salt Cru Biotic Ci Aquatic Hydroge	ly ponded a disturbance.	es (B13)	k hydric s	s due to strong oil indicators of soil indicators o	econdary Ind Water Mark Sediment D Drift Deposi Drainage Pa	f hydrophytic vegetat I saturation depth, sa licators (2 or more r Is (B1) (Riverine) Deposits (B2) (Riverine) atterns (B10)	line equire
Type: sh Depth (inc Remarks: N vetland hyd conditions, c YDROLO Wetland H Primary Inc Surface High W Saturat Water I Sedime	lo redox features obstrology. This feature is or other factors, which grade of the factors of the factors (minimum of context) and the factors (minimum of context) and the factors (minimum of context) and factors (Marks (B1) (Nonriver)	ine)	d; check all that app Salt Cru Biotic C Aquatic Hydroge Oxidized	ly ponded a disturbance. bly) set (B11) rust (B12) Invertebrate en Sulfide C	es (B13) Odor (C1) eres along	k hydric s	s due to strong oil indicators of soil indicators o	econdary Ind Water Mark Sediment D Drift Deposi Drainage Pa	f hydrophytic vegetat saturation depth, sa licators (2 or more in s (B1) (Riverine) deposits (B2) (Riverine) determs (B10) atterns (B10) in Water Table (C2) Surface (C7)	line equire
Type: sh Depth (inc Remarks: N wetland hyd conditions, c YDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De	lo redox features obstrology. This feature is or other factors, which grade of the factors of the water (A1) factors (Marks (B1) (Nonriverent Deposits (B2) (No	ine)	d; check all that app Salt Cru Biotic Ci Aquatic Hydroge Oxidized	oly) st (B11) rust (B12) Invertebrate en Sulfide Cd Rhizosphe	es (B13) Odor (C1) eres along ed Iron (C4	Living Ro	Se Se State Control Co	econdary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bu	f hydrophytic vegetat saturation depth, sa licators (2 or more in s (B1) (Riverine) deposits (B2) (Riverine) determs (B10) atterns (B10) in Water Table (C2) Surface (C7)	equire
Type: sh Depth (inc Remarks: N vetland hyd conditions, c YDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface	lo redox features obstrology. This feature is or other factors, which ground the factors of the factors (minimum of context) water (A1) (Auter Table (A2) citon (A3) (Monriver the Deposits (B2) (No reposits (B3) (Nonriver)	ine) nriverine)	d; check all that app Salt Cru Biotic Ci Aquatic Hydroge Oxidized Recent	oly) Ist (B11) rust (B12) Invertebrate en Sulfide C d Rhizosphe ce of Reduce	es (B13) Odor (C1) eres along ed Iron (C4	Living Ro	Se Se State Control Co	econdary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bu	f hydrophytic vegetat saturation depth, sa licators (2 or more r s (B1) (Riverine) deposits (B2) (Riverine) atterns (B10) n Water Table (C2) Surface (C7) urrows (C8) Visible on Aerial Image	equire
Type: sh Depth (inc Remarks: N vetland hyd conditions, c YDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda	do redox features obstrology. This feature is or other factors, which the state of the factors of the factors (minimum of control of the factors (minimum of control of the factors). Water Table (A2) from (A3) Marks (B1) (Nonriver of the factors) (Nonr	ine) nriverine)	d; check all that app Salt Cru Biotic Ci Aquatic Hydroge Oxidizee Presence Recent Thin Mu	oly) st (B11) rust (B12) Invertebrate en Sulfide C d Rhizosphe ce of Reduc	es (B13) Odor (C1) eres along ed Iron (C4) tion in Tilled	Living Ro	Se Se State Control Co	condary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bu Saturation \	f hydrophytic vegetatic saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth (Riverine) deposits (B2) (Riverine) deposits (B2) (Riverine) deposits (B2) (Riverine) depth (equire
Type: sh Depth (inc Remarks: N vetland hyd conditions, of YDROLO Wetland H Primary Inc Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-	lo redox features obstrology. This feature is or other factors, which the state of the factors of the factors (minimum of control of control of the factors (minimum of control of control of the factors (minimum of control of	ine) nriverine)	d; check all that app Salt Cru Biotic Ci Aquatic Hydroge Oxidizee Presence Recent Thin Mu	bly) st (B11) rust (B12) Invertebrate en Sulfide C d Rhizosphe ce of Reduct lron Reduct	es (B13) Odor (C1) eres along ed Iron (C4) tion in Tilled	Living Ro	Se Se State Control Co	condary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bu Saturation \ Shallow Aqu	f hydrophytic vegetatic saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth (Riverine) deposits (B2) (Riverine) deposits (B2) (Riverine) deposits (B2) (Riverine) depth (equire
Type: sh Depth (inc Remarks: N vetland hyd conditions, of YDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-:	lo redox features obstrology. This feature is or other factors, which the state of the factors of the factors (minimum of control of control of the factors (minimum of control of control of the factors (minimum of control of c	ine) magery (B7	d; check all that app Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presend Recent T) Other (E	oly) Ist (B11) rust (B12) Invertebrate en Sulfide C d Rhizosphe e of Reduc Iron Reduct lick Surface Explain in Re	es (B13) Odor (C1) eres along ed Iron (C4) tion in Tilled	Living Ro	Se Se State Control Co	condary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bu Saturation \ Shallow Aqu	f hydrophytic vegetatic saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth (Riverine) deposits (B2) (Riverine) deposits (B2) (Riverine) deposits (B2) (Riverine) depth (equire
Type: sh Depth (inc Remarks: N vetland hyd conditions, of YDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-I	lo redox features obsorology. This feature is prother factors, which the state of the factors of the factors (minimum of control of control of the factors (minimum of control of control of the factors (minimum of control of co	ine) magery (B7	d; check all that app Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presend Recent Thin Mu Other (E	oly) Ist (B11) rust (B12) Invertebrate en Sulfide C d Rhizosphe e of Reduct lron Reduct lick Surface Explain in Re	es (B13) Odor (C1) eres along ed Iron (C4) tion in Tilled	Living Ro	Se Se State Control Co	condary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bu Saturation \ Shallow Aqu	f hydrophytic vegetatic saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth (Riverine) deposits (B2) (Riverine) deposits (B2) (Riverine) deposits (B2) (Riverine) depth (equire
Type: sh Depth (income and income	lo redox features obsorology. This feature is prother factors, which the state of the factors of	ine) magery (B7	d; check all that app Salt Cru Biotic C Aquatic Hydroge Oxidized Presenc Recent Thin Mu Other (E	oly) st (B11) rust (B12) Invertebrate en Sulfide C d Rhizosphe ce of Reduct lron Reduct lron Reduct ck Surface explain in Re ches): ches):	es (B13) Odor (C1) eres along ed Iron (C4) tion in Tilled	Living Root Soils (Co	Se Se Se Se Se Se Se Se Se Se Se Se Se S	condary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bu Saturation \ Shallow Aqu	f hydrophytic vegetatic saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation (Riverine) atterns (B10) atterns (B10) atterns (B10) atterns (C2) (C3) (C4) (C5) (C6) (C7) (C6) (C7) (C7) (C8) (C8) (C8) (C8) (C9) (C9) (C9) (C9) (C9) (C9) (C9) (C9	equire
Type: sh Depth (inc Remarks: N wetland hyd conditions, of YDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-Field Obser Surface Wa Water Table Saturation F	lo redox features obsorology. This feature is prother factors, which the state of the factors of	ine) magery (B7	d; check all that app Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presend Recent Thin Mu Other (E	oly) st (B11) rust (B12) Invertebrate en Sulfide C d Rhizosphe ce of Reduct lron Reduct lron Reduct ck Surface explain in Re ches): ches):	es (B13) Odor (C1) eres along ed Iron (C4) tion in Tilled	Living Root Soils (Co	Se Se State Control Co	condary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bu Saturation \ Shallow Aqu	f hydrophytic vegetatic saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth (Riverine) deposits (B2) (Riverine) deposits (B2) (Riverine) deposits (B2) (Riverine) depth (equire
Type: sh Depth (inc Remarks: N wetland hyd conditions, of YDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-i Field Obser Saturation F includes ca	do redox features obsorology. This feature is prother factors, which the state of the factors of	ine) magery (B7 mese	d; check all that app Salt Cru Biotic C Aquatic Hydroge Oxidized Presenc Recent Thin Mu Other (E No X Depth (in No X Depth (oly) st (B11) rust (B12) Invertebrate en Sulfide C d Rhizosphe ce of Reduct lock Surface explain in Re ches): ches): ches):	es (B13) Odor (C1) eres along ed Iron (C4 tion in Tilled (C7) emarks)	Living Root Soils (Co	Se Se Se Solution (Carlotte (Carlott	condary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bu Saturation \ Shallow Aqu	f hydrophytic vegetatic saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation (Riverine) atterns (B10) atterns (B10) atterns (B10) atterns (C2) (C3) (C4) (C5) (C6) (C7) (C6) (C7) (C7) (C8) (C8) (C8) (C8) (C9) (C9) (C9) (C9) (C9) (C9) (C9) (C9	equire
Type: sh Depth (inc Remarks: N vetland hyd conditions, of YDROLO Wetland H Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-i Field Obser Saturation F includes ca	In redox features obstrology. This feature is prother factors, which the state of the factors of	ine) magery (B7 mese	d; check all that app Salt Cru Biotic C Aquatic Hydroge Oxidized Presenc Recent Thin Mu Other (E No X Depth (in No X Depth (oly) st (B11) rust (B12) Invertebrate en Sulfide C d Rhizosphe ce of Reduct lock Surface explain in Re ches): ches): ches):	es (B13) Odor (C1) eres along ed Iron (C4 tion in Tilled (C7) emarks)	Living Root Soils (Co	Se Se Se Solution (Carlotte (Carlott	condary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bu Saturation \ Shallow Aqu	f hydrophytic vegetatic saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation (Riverine) atterns (B10) atterns (B10) atterns (B10) atterns (C2) (C3) (C4) (C5) (C6) (C7) (C6) (C7) (C7) (C8) (C8) (C8) (C8) (C9) (C9) (C9) (C9) (C9) (C9) (C9) (C9	equire
Type: sh Depth (inc Remarks: N Vetland hyd Conditions, of YDROLO Wetland Hi Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-I Field Obser Surface Wat Vater Table Saturation F includes ca escribe Rec	In redox features obstrology. This feature is prother factors, which the strong of the factors o	ine) magery (B7 magery (B7 magery (B7 magery (B7 magery (B7	d; check all that appears and the human-caused of the human-caused	oly) ast (B11) rust (B12) Invertebrate en Sulfide C d Rhizosphe ee of Reduct lock Surface explain in Re ches): ches): ohotos, prev	es (B13) Odor (C1) eres along ed Iron (C4 tion in Tilled (C7) emarks)	Living Roo Y Soils (Co	Security of the strong soil indicators of the strong soil indicato	condary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bu Saturation \ Shallow Aqu FAC-Neutra	f hydrophytic vegetatic saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturaters (B1) (Riverine) atterns (B10) (Rive	equire
Type: sh Depth (inc Remarks: N Vetland hyd Conditions, of YDROLO Wetland Hi Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-I Field Obser Surface Wat Vater Table Saturation F includes ca escribe Rec	In redox features obstrology. This feature is prother factors, which the state of the factors of	ine) magery (B7 magery (B7 magery (B7 magery (B7 magery (B7	d; check all that appears and the human-caused of the human-caused	oly) ast (B11) rust (B12) Invertebrate en Sulfide C d Rhizosphe ee of Reduct lock Surface explain in Re ches): ches): ohotos, prev	es (B13) Odor (C1) eres along ed Iron (C4 tion in Tilled (C7) emarks)	Living Roo Y Soils (Co	Security of the strong soil indicators of the strong soil indicato	condary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bu Saturation \ Shallow Aqu FAC-Neutra	f hydrophytic vegetatic saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturaters (B1) (Riverine) atterns (B10) (Rive	equire

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	o Sampling Date: 3.3.20						
pplicant/Owner: Tri Point Homes State: CA Sampling Point: 316										
Investigator(s): Andrew Smisek and Katy Chappaz		Section,	Township, R	ange: Section 31, T18S R01W						
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2						
Subregion (LRR): C-Mediterranean California	Lat: 3	 32.549712212	28	Long: -117.017821141 Datum: NAD83						
Soil Map Unit Name: Huerhuero loam, 2-9 % slopes				NWI classification: none						
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)						
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No						
Are Vegetation , Soil , or Hydrology	 natura	ally problemat	tic?	(If needed, explain any answers in Remarks.)						
SUMMARY OF FINDINGS – Attach site map sh				s. transects, important features, etc.						
				,,						
Hydrophytic Vegetation Present? Yes Hydric Soil Present? Yes	No X	ls th	ne Sampled	Area Yes No X						
Wetland Hydrology Present? Yes X	No	— with	nin a Wetland	Yes NoX						
	-	_		s. This feature was sampled during the growing season and						
does not meet the wetland criteria. VEGETATION – Use scientific names of plants										
<u>Tree Stratum</u> (Plot size:)	Absolute	Dominant Species?	Indicator	Dominance Test worksheet:						
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)						
				That Are OBL, FACW, or FAC: 1 (A) Total Number of Dominant						
3				Species Across All Strata: 2 (B)						
4.				Percent of Dominant Species						
		= Total Cove	er	That Are OBL, FACW, or FAC: 50% (A/B)						
Sapling/Shrub Stratum (Plot size:)										
1. none				Prevalence Index worksheet:						
2				Total % Cover of: Multiply by:						
3				OBL species6 x 1 =6						
4				FACW species0 x 2 =0						
5				FAC species 40 x 3 = 120						
Harte Otractoria (Dietaina		= Total Cove	er	FACU species 41 x 4 = 164						
Herb Stratum (Plot size:)	0	Na	ODI	UPL species 1 x 5 = 5 Column Totals: 88 (A) 295 (B)						
Plagiobothrys acanthocarpus Erodium botrys	<u>6</u> 10	No No	OBL FACU	Column Totals:88 (A)295(B)						
Erodium botrys Festuca perennis	40	Yes	FACO FAC	Prevalence Index = B/A = 3.4						
4. Sonchus oleraceus	1	No	UPL	Hydrophytic Vegetation Indicators:						
5. Deinandra fasciculata	1	No No	FACU	Dominance Test is >50%						
6. Bromus hordeaceus	30	Yes	FACU	Prevalence Index is ≤3.01						
7.				Morphological Adaptations ¹ (Provide supporting						
8.				data in Remarks or on a separate sheet)						
	88	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)						
Woody Vine Stratum (Plot size:										
1. none				¹ Indicators of hydric soil and wetland hydrology must						
2.				be present, unless disturbed or problematic.						
		= Total Cove	er	Hydrophytic Vegetation						
	ver of Biotic			Present? Yes No X						
Remarks: Sample area is a vernal pool that receives rupredomince of hydrophytic vegetation. It supports one v										

	cription: (Describe to	the depth nee				confirm t	the absence	of indicato	ors.)	
Depth	Matrix			edox Featu						
(inches)	Color (moist)		color (moist)	%	Type ¹	Loc ²	Texture		Remarl	(S
-				- ——			_			
				- ——						
l							_			
				- ——						
¹ Type: C=Co	ncentration, D=Depletion	, RM=Reduced M	atrix, CS=Covere	ed or Coated	Sand Grains	s. ²	Location: PL=P	ore Lining, R	RC=Root Channel,	M=Matrix.
Hydric Soil	Indicators: (Application	able to all LRRs	, unless othe	rwise note	d.)		Indicator	s for Prob	lematic Hydric	Soils³:
Histoso	I (A1)		Sandy	Redox (S5)			1 cm	Muck (A9)	(LRR C)	
l —	pipedon (A2)			d Matrix (S				Muck (A10		
_	listic (A3)			Mucky Mine	•			ced Vertic		
l ——	en Sulfide (A4)			Gleyed Ma				Parent Mat	, ,	
	d Layers (A5) (LRR (3)		ed Matrix (F					n Remarks)	
l ——	uck (A9) (LRR D)	,		Dark Surfac	,				,	
	d Below Dark Surfac	e (A11)	Deplete	ed Dark Sur	face (F7)					
	ark Surface (A12)	,		Depression			3Indicator	s of hydrop	hytic vegetation	and
	Mucky Mineral (S1)			Pools (F9)	, ,		wetlar	nd hydrolog	y must be prese	ent,
	Gleyed Matrix (S4)			,					or problematic.	•
Postrictivo	Layer (if present):									
Type:	Layer (ii present).									
	hoo).						Lludria Cail F)raaant?	Voo	No. V
Depth (inc							Hydric Soil F		Yes	No <u>X</u>
	he sampled area sup						t the hydrophy	ytic vegeta	tion standard to	be considered a
wetland. The	erefore, no soil pit wa	s dug and hydric	soils are not o	considered t	to be prese	ent.				
HYDROLO	GY									
Wetland Hy	ydrology Indicators:						Se	econdary I	ndicators (2 or	more required)
Primary Ind	icators (minimum of o	ne required; che	eck all that app	ly)				Water Ma	arks (B1) (River	ine)
Surface	Water (A1)	•	Salt Cru	st (B11)				_	t Deposits (B2) (· ·
	ater Table (A2)			ust (B12)				_	osits (B3) (Rive i	•
Saturat	` '			Invertebrate	oc (B13)				Patterns (B10)	iiie)
		:\			` '		_			(00)
l ——	Marks (B1) (Nonriver	•		n Sulfide O				_	son Water Table	(02)
	ent Deposits (B2) (No	,		l Rhizosphe	_	_	oots (C3)	_	ck Surface (C7)	
	eposits (B3) (Nonrive	rine)		e of Reduce	•	•	_	_	Burrows (C8)	
	e Soil Cracks (B6)			ron Reduct		d Soils (C		_	n Visible on Aer	al Imagery (C9)
Inundat	tion Visible on Aerial I	magery (B7)	Thin Mu	ck Surface	(C7)			_Shallow /	Aquitard (D3)	
Water-9	Stained Leaves (B9)		Other (E	xplain in Re	emarks)			_FAC-Net	utral Test (D5)	
Field Obser	vations:									
Surface Wat		es No	X Depth (inc	ches).						
Water Table			X Depth (inc			-				
			X Depth (inc			— \	and Uvdvalaa	Dragant	2 Vaa V	No
Saturation P (includes car	nillary fringe)	es No_	Deptil (illi			_ wella	and Hydrolog	jy Present	? Yes X	
	corded Data (stream o	nauge monitorin	g well aerial p	hotos prev	ious insped	ctions) if	available [.]			
December 1 to	orded Bata (etream g	jaago, monitorii	g won, donar p	notoo, prov	iodo iliopot	ouo110), 11	avanabio.			
Remarks: Alt	though no surface wa	ter was present	at the time of t	he delineat	ion, eviden	ce of surf	face soil crack	s indicate t	that the area sup	ports wetland
hydrology. W	ater table level and sa	aturation are not	known as a so	oil pit was n	ot dug.				·	

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	_Sampling [Date: 3/3/202	20
Applicant/Owner: Pardee Homes				State: CA	_Sampling F	Point: 317	
Investigator(s): Beth Procsal and JR Sundberg		Section,	Township, R	ange: Section 31, T18S	 R01W		
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave		Slope (%): ()-2
Subregion (LRR): C - Mediterranean California	Lat:	 32.54966399	44	Long: -117.014509838		- Datum: NAD8	3
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl				NWI classificati	_		
Are climatic / hydrologic conditions on the site typical for		vear? Yes	X No				
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstanc		Yes X	No
Are Vegetation , Soil , or Hydrology				(If needed, explain any ar			
						•	
SUMMARY OF FINDINGS – Attach site map sh	owing sa	mpling poi	nt locations	s, transects, importar	it features,	etc.	
Hydrophytic Vegetation Present? Yes	No X						
Hydric Soil Present? Yes	No X		he Sampled	YAC	No	Χ	
Wetland Hydrology Present? Yes X	No	— witi	hin a Wetlan	a? —			
Remarks: The majority of the vegetation on the site ha	s heen dist	urhed due to	naet land use	s. This feature was samn	led during th	e arowina se:	son and
does not meet the wetland criteria.	is been dist	urbed due to	past land use	s. This leature was samp	ied during th	e growing sea	ason and
VEGETATION – Use scientific names of plants							
Tues Charters (District)	Absolute	Dominant	Indicator	Dominance Test work	sheet:		
Tree Stratum (Plot size:) 1. None	% Cover	Species?	Status	Number of Dominant S		0	(A)
				That Are OBL, FACW,	-	2	(A)
3				Total Number of Domir Species Across All Stra		6	(D)
4.				Percent of Dominant S	=	U	(B)
T		= Total Cov		That Are OBL, FACW,		33.3	(A/B)
Sapling/Shrub Stratum (Plot size:)		Total Gov	OI.				
1. None				Prevalence Index wor	ksheet:		
2.				Total % Cover of:		Multiply by:	
3.				OBL species 1	x 1 =	: 1	_
4.				FACW species 0	x 2 =	= 0	
5.				FAC species 3	x 3 =	9	_
	0	= Total Cov	er	FACU species 2	x 4 =	8	_
Herb Stratum (Plot size:)				UPL species 2	x 5 =	10	_
Centaurea melitensis	1	Yes	UPL	Column Totals: 8	(A)	28	_(B)
2. Hordeum murinum	1	Yes	FACU	Prevalence Inde	ex = R/A =	3.5	
3. Medicago polymorpha	1	Yes	FACU	T TOVAIGHOO III A		0.0	_
4. Sonchus oleraceus	1	Yes	UPL	Hydrophytic Vegetati	on Indicator	s:	
5. Plagiobothrys acanthocarpus	1	Yes	OBL	Dominance Test	is >50%		
6. Festuca perennis	3	Yes	FAC	Prevalence Inde	x is ≤3.0¹		
7				Morphological A			
8				data in Rema	rks or on a s	eparate shee	t)
	8	= Total Co	ver	Problematic Hyd	rophytic Veg	etation¹ (Expl	ain)
Woody Vine Stratum (Plot size:)							
1. None				¹ Indicators of hydric so be present, unless dis			must
2		-		be present, unless dis	turbed or pro	biemauc.	
	0	= Total Cov	er	Hydrophytic			
% Bare Ground in Herb Stratum 92 % Co	ver of Biotic	Crust	0	Vegetation Present?	'es	No X	
							<u> </u>
Remarks: Sample area is a vernal pool that receives ru predominance of hydrophytic vegetation, it does suppor						es not suppo	ııa
, , , , , , , , , , , , , , , , , , ,		. ,	- F = 200	, <u> </u>	, ,-		

Type: C=Concentration. D=Depletion. RM=Reduced Matrix. CS=Covered or Coated Sand Grains. Accasion: PL=Pore Lining, RC=Roor Chesnel, M=Matrix. Phydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils*: 1 cm Muck (All) (LRR C) 1 cm Muck (All) (LRR C) 2 cm Muck (All) (LRR C) 3 cm Muck ((inches)	Color (moist)	% C	olor (moist)	%	res Type ¹	Loc ²	Texture	Remarks
Type: C=Concentration. D=Depletion, RN=Reduced Matrix, CS=Covered or Coated Sand Grains. **Icoation: PL=Pose Lining, RC=Root Channel, M=Matrix.* **Iptics Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) **Histocol (A1))-18	10YR 4/2	100	, ,				clay	no redox
ydric Soll Indicators: (Applicable to all LRRs, unless otherwise noted.)								·	
Indicators: (Applicable to all LRRs, unless otherwise noted.)									
ydric Soll Indicators: (Applicable to all LRRs, unless otherwise noted.)									
ydric Soll Indicators: (Applicable to all LRRs, unless otherwise noted.)									
Indicators: (Applicable to all LRRs, unless otherwise noted.)									
Indicators: (Applicable to all LRRs, unless otherwise noted.)									
ydric Soll Indicators: (Applicable to all LRRs, unless otherwise noted.)									
Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1)								· 	
ydric Soll Indicators: (Applicable to all LRRs, unless otherwise noted.)									-
Histocal (A1)	-			•			s. ²		
Histic Epipedon (A2)	-		able to all LRRs			•			•
Black Histic (A3)		` '							
Hydrogen Sulfide (A4)	_				•	•			
Stratified Layers (A5) (LRR C)		` '			•	. ,			,
1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F6) Thick Dark Surface (A12) Redox Depressions (F8) Alpha Surface (A12) Redox Depressions (F9) Persent (F7) Sandy Mucky Mineral (S1) Vernal Pools (F9) Persent (F	_ '	• • • • • • • • • • • • • • • • • • • •	;)						, ,
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Thick Dark Surface (A12)		, , , ,	e (A11)			` '			
Sandy Mucky Mineral (S1)			,					³ Indicators o	f hydrophytic vegetation and
procestrictive Layer (if present): Type: Depth (inches): Depth	 Sandy	Mucky Mineral (S1)			•	` ,			
Type:	Sandy	Gleyed Matrix (S4)						unless di	sturbed or problematic.
Type:	estrictive	Laver (if present):							
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emarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area supports wetla	Wetland F Primary Ind Surface High V Satura Water Sedim Drift D X Surface Inunda Water Water Sield Obse	dicators (minimum of obe Water (A1) Vater Table (A2) Ation (A3) Marks (B1) (Nonriver Apensits (B3) (Nonriver Apensits (B3) (Nonriver Apensits (B3) (Nonriver Apensits (B6) Ation Visible on Aerial I Astained Leaves (B9) Apervations: Atter Present? Apersent? Apersent.	rine) nriverine) rine) magery (B7) Yes No_ No_	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presenc Recent Thin Mu Other (E	Invertebrate Inver	dor (C1) eres along ed Iron (C4 ion in Tilled (C7) emarks)	4) d Soils (Ce	V V V V V V V V V V	Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Shallow Aquitard (D3) FAC-Neutral Test (D5)
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	Wetland F Primary Ind Surface High V Satura Water Sedim Drift D X Surface Inunda Water- Field Obse Surface Wa Vater Table Saturation I includes ca	dicators (minimum of obe Water (A1) Vater Table (A2) Ation (A3) Marks (B1) (Nonriver Apple (B2) (Nonriver Apple (B3) (Nonriver Apple (B4) (Nonriver Apple (B	rine) nriverine) rine) magery (B7) Yes No_ Yes No_ Yes No_	Salt Cru Biotic Ci Aquatic Hydroge Oxidizer Presenc Recent Thin Mu Other (E X Depth (in X Depth (in	ist (B11) rust (B12) Invertebrate en Sulfide O d Rhizosphe e of Reduce Iron Reduct ck Surface explain in Re ches): ches): ches):	dor (C1) eres along ed Iron (C4 ion in Tilled (C7) emarks)	4) d Soils (Ce		Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Shallow Aquitard (D3) FAC-Neutral Test (D5)
rdrology.	Wetland F Primary Ind Surface High V Satura Water Sedim Drift D X Surface Inunda Water- Surface Wa Vater Table Saturation I Includes ca	dicators (minimum of obe Water (A1) Vater Table (A2) Ation (A3) Marks (B1) (Nonriver Apple (B2) (Nonriver Apple (B3) (Nonriver Apple (B4) (Nonriver Apple (B	rine) nriverine) rine) magery (B7) Yes No_ Yes No_ Yes No_	Salt Cru Biotic Ci Aquatic Hydroge Oxidizer Presenc Recent Thin Mu Other (E X Depth (in X Depth (in	ist (B11) rust (B12) Invertebrate en Sulfide O d Rhizosphe e of Reduce Iron Reduct ck Surface explain in Re ches): ches): ches):	dor (C1) eres along ed Iron (C4 ion in Tilled (C7) emarks)	4) d Soils (Ce		Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Shallow Aquitard (D3) FAC-Neutral Test (D5)
	Wetland F Primary Ind Surface High V Satura Water Sedim Drift D X Surface Inunda Water- Gurface Wa Vater Table Saturation I Includes ca	dicators (minimum of obe Water (A1) Vater Table (A2) Ation (A3) Marks (B1) (Nonriver Appendix (B3) (Nonriver Appendix (B3) (Nonriver Appendix (B3) (Nonriver Appendix (B4) (No	rine) nriverine) rine) magery (B7) Yes No_ Yes No_ Gauge, monitoring	Salt Cru Biotic Ci Aquatic Hydroge Oxidizer Presenc Recent Thin Mu Other (E X Depth (in X Depth (in X Depth (in	ist (B11) rust (B12) Invertebrate en Sulfide O d Rhizosphe ee of Reduce Iron Reduct ck Surface explain in Re ches): ches): shotos, prev	dor (C1) eres along ed Iron (C4 ion in Tilled (C7) emarks)	4) d Soils (Ce		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Shallow Aquitard (D3) FAC-Neutral Test (D5) Present? Yes X No
	Wetland F Primary Ind Surface High V Satura Water Sedim Drift D X Surface Inunda Water ield Obse urface Wa vater Table aturation I ncludes ca	dicators (minimum of obe Water (A1) Vater Table (A2) Ation (A3) Marks (B1) (Nonriver Appendix (B3) (Nonriver Appendix (B3) (Nonriver Appendix (B3) (Nonriver Appendix (B4) (No	rine) nriverine) rine) magery (B7) Yes No_ Yes No_ Gauge, monitoring	Salt Cru Biotic Ci Aquatic Hydroge Oxidizer Presenc Recent Thin Mu Other (E X Depth (in X Depth (in X Depth (in	ist (B11) rust (B12) Invertebrate en Sulfide O d Rhizosphe ee of Reduce Iron Reduct ck Surface explain in Re ches): ches): shotos, prev	dor (C1) eres along ed Iron (C4 ion in Tilled (C7) emarks)	4) d Soils (Ce		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Shallow Aquitard (D3) FAC-Neutral Test (D5) Present? Yes X No
	Wetland F Primary Ind Surface High V Satura Water Sedim Drift D X Surface Inunda Water- ield Obse Surface Water Table Saturation I Includes calescribe Re	dicators (minimum of obe Water (A1) Vater Table (A2) Ation (A3) Marks (B1) (Nonriver Appendix (B3) (Nonriver Appendix (B3) (Nonriver Appendix (B3) (Nonriver Appendix (B4) (No	rine) nriverine) rine) magery (B7) Yes No_ Yes No_ Gauge, monitoring	Salt Cru Biotic Ci Aquatic Hydroge Oxidizer Presenc Recent Thin Mu Other (E X Depth (in X Depth (in X Depth (in	ist (B11) rust (B12) Invertebrate en Sulfide O d Rhizosphe ee of Reduce Iron Reduct ck Surface explain in Re ches): ches): shotos, prev	dor (C1) eres along ed Iron (C4 ion in Tilled (C7) emarks)	4) d Soils (Ce		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5) Present? Yes X No

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	o, CA Sampling Date: March 3, 2020
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 318
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top				, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3			Long: -117.015123142 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl				NWI classification: None
Are climatic / hydrologic conditions on the site typical for		vear? Yes	X No	(If no, explain in Remarks.)
				Are "Normal Circumstances" present? Yes X No
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes	No X	_	Camanda d	A
Hydric Soil Present? Yes			ne Sampled nin a Wetlan	YAS NO X
Wetland Hydrology Present? Yes X	No	_		
does not meet the wetland criteria. VEGETATION – Use scientific names of plants	s.			es. This feature was sampled during the growing season and
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none		Орсскоз:	Otatus	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2.				Total Number of Dominant
3				Percent of Dominant Species (B)
4		= Total Cove		That Are OBL, FACW, or FAC: (A/B)
Sapling/Shrub Stratum (Plot size:)		- Total Cove	#1	
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species 0 x 1 = 0
4.				FACW species0 x 2 =0
5				FAC species 20 x 3 = 60
		= Total Cove	er	FACU species 9 x 4 = 36
Herb Stratum (Plot size:)				UPL species 1 x 5 = 5
1. Festuca perennis		Y	FAC	Column Totals:30 (A)101(B)
2. Avena sp.		N	UPL_	Prevalence Index = B/A = 3.37
3. Hordeum murinum 4.			FACU_	Hydrophytic Vegetation Indicators:
5.				Dominance Test is >50%
6.				Prevalence Index is ≤3.0¹
7.				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	30	= Total Cov	er er	Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				
1. none				¹ Indicators of hydric soil and wetland hydrology must
2				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
	ver of Biotic			Vegetation Present? Yes NoX
Remarks: Sample area is a vernal pool that receives ru present within the basin.	noff from a	relatively sma	ıll local micro	-watershed. No ACOE vernal pool indicator species were
present within the pasili.				

Profile Desc	cription: (Describe to	the depth nee	eded to docum	ent the ind	icator or	confirm t	he absen	ce of indicat	tors.)	
Depth	Matrix			edox Featur			_			
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	Text	ure	Rema	arks
· —										
ļ							_			
	ncentration, D=Depletion					s. ²			RC=Root Channe	
-	I Indicators: (Applica	able to all LRR			i.)				blematic Hydri	c Soils³:
Histoso	` '			Redox (S5)				cm Muck (A9		
_	pipedon (A2)			d Matrix (S6	•			cm Muck (A1		
	listic (A3)			Mucky Mine				educed Verti	, ,	
	en Sulfide (A4)			Gleyed Mat				ed Parent Ma		
	d Layers (A5) (LRR 0	•)		ed Matrix (F3 Dark Surfac	,		Ot	iner (Expiain	in Remarks)	
	uck (A9) (LRR D) ed Below Dark Surface	· (Λ11)		ed Dark Surface	` '					
	ark Surface (A12)	E(ATT)		Depressions			3Indica	ators of hydro	phytic vegetation	on and
	Mucky Mineral (S1)			Pools (F9)	3 (1 0)				ogy must be pre	
	Gleyed Matrix (S4)			00.0 (1 0)				-	d or problemation	
									<u>'</u>	
_	Layer (if present):									
Type:								"	V	
Depth (inc	enes):						Hydric Sc	oil Present?	Yes	_ No X
	he sampled area sup						t the hydro	phytic veget	ation standard t	o be considered a
wetland. The	erefore, no soil pit wa	s dug and hydri	c soils are not c	onsidered t	o be prese	nt.				
HYDROLO	GY									
	ydrology Indicators:							Secondary	Indicators (2 (or more required)
	icators (minimum of c		eck all that ann	lv)					Marks (B1) (Riv e	
	,	ile required, cri		• ,						•
	e Water (A1)		Salt Crus						ent Deposits (B2	
l — ·	ater Table (A2)			ust (B12)	- (D40)				posits (B3) (Riv	•
	ion (A3)		X Aquatic		, ,				ge Patterns (B10	
l —	Marks (B1) (Nonriver	•		n Sulfide O			(00)		ason Water Tab	
l —	ent Deposits (B2) (No	-		Rhizosphe	_		ots (C3)		uck Surface (C7)
	eposits (B3) (Nonrive	rine)		e of Reduce			_,		h Burrows (C8)	
l —	e Soil Cracks (B6)			ron Reducti		Soils (C	6)			erial Imagery (C9)
l ——	tion Visible on Aerial I	magery (B7)		ck Surface (Aquitard (D3)	
Water-9	Stained Leaves (B9)		Other (E	xplain in Re	marks)			FAC-Ne	eutral Test (D5)	
Field Obser	vations:									
Surface Wat	ter Present? Y	es No	X Depth (ind	ches):		_				
Water Table	Present? Y	es No	Depth (ind	ches):		_				
Saturation P			Depth (inc	ches):		Wetla	and Hydro	logy Preser	nt? Yes	K No
(includes ca	pillary fringe)			·			-			
Describe Red	corded Data (stream g	auge, monitorir	ng well, aerial p	hotos, previ	ous inspec	ctions), if	available:	n/a		
D 1					//	-1 -07 1 - 3				and trades
	though no surface wa ted within this pool. Th	•						,		
	ater table level and s	•				JUING UI I	any amin'n	p il luicate ti la	ι της αισα συμμ	or we wallu
] 3,				,	3					
L									A : 13A/	

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	Sampling Date: 3.3.20
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 322
Investigator(s): Beth Proscal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat:	32.55418205	09	Long: -117.015585139 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	slopes			NWI classification: None
Are climatic / hydrologic conditions on the site typical fo	r this time of	f year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No
Are Vegetation Soil X, or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map s	nowing sa	mpling poli	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	No	_ 1- 41	011	A
Hydric Soil Present? Yes X	No		he Sampled nin a Wetlan	VAS X NO
Wetland Hydrology Present? Yes X	No	_ '''	iiii a vvotiaii	u .
Remarks: The majority of the vegetation on the site h	as been dist	urbed due to	past land use	es. This feature was sampled during the growing season and
meets the wetland criteria.			,	
VEGETATION – Use scientific names of plant	S.			
Trac Stratum (Plot size:	Absolute	Dominant Species?	Indicator Status	Dominance Test worksheet:
Tree Stratum (Plot size:) 1. none	% Cover	_Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
				That Are OBL, FACW, or FAC: 1 (A) Total Number of Dominant
3				Species Across All Strata: 1 (B)
				Percent of Dominant Species
4		= Total Cove	 er	That Are OBL, FACW, or FAC:(A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species x 1 =
4.				FACW species x 2 =
5				FAC species x 3 =
		= Total Cove	er	FACU species x 4 =
Herb Stratum (Plot size:)				UPL species x 5 =
Festuca perennis	70	Yes	FAC	Column Totals: (A)(B)
2. Hordeum murinum	10	No	FACU_	Prevalence Index = B/A =
3. Plagiobothrys acanthocarpus		No	OBL	
4. Lepidium latipes	1	No	FACW	Hydrophytic Vegetation Indicators:
5	· 			X Dominance Test is >50%
6.				Prevalence Index is ≤3.0¹
7				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
8	82	= Total Cov		
Woody Vine Stratum (Plot size:)		- 10tal C01	/ei	Problematic Hydrophytic Vegetation¹ (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must
2. <i>Hone</i>				be present, unless disturbed or problematic.
2		= Total Cove		The described in
		- Total Cove	2 I	Hydrophytic Vegetation
% Bare Ground in Herb Stratum18 % Co	over of Biotic	: Crust		Present? Yes X No
Remarks: Sample area is a vernal pool that receives re	unoff from a	relatively sma	all local micro	p-watershed. In addition to the vernal pool consisting
predominately of hydrophytic vegetation, it also suppor				
I and the second				

(inches)	Matrix		Rec	lox Features					
	Color (moist)	%	Color (moist)	% Тур	e ¹ Loc ²	Textur	e Remarks		
0-4 1	0YR 3/2	100				clay	no redox		
4-18 1	0YR 4/3	100				clay	no redox		
						_			
						_			
¹ Type: C=Conce	entration, D=Depletion	n, RM=Reduced	d Matrix, CS=Covered	or Coated Sand	Grains.	² Location: PL=	Pore Lining, RC=Root Channel, M=Matrix		
Hydric Soil In	idicators: (Applic	able to all LF	RRs, unless otherw	ise noted.)		Indicato	ors for Problematic Hydric Soils ³ :		
Histosol (A	•		Sandy Re	` '					
	pedon (A2)			Matrix (S6)	- 4 >				
Black Histi	` '			ucky Mineral (F	•		, ,		
	Sulfide (A4)			leyed Matrix (F	2)		` ,		
	_ayers (A5) (LRR (C)		Matrix (F3)		_X_Othe	er (Explain in Remarks)		
	k (A9) (LRR D)	- (0.4.4)		ark Surface (F6	•				
	Below Dark Surfac	e (A11)		Dark Surface (` '	3lndiaata	are of budrouply tip vogetation and		
	k Surface (A12) icky Mineral (S1)		Vernal Po	epressions (F8)				
	eved Matrix (S4)		vemai Po	oois (F9)			ators of hydrophytic vegetation and tland hydrology must be present,		
	, ,						Location: PL=Pore Lining, RC=Root Channel, M=Matrix. Indicators for Problematic Hydric Soils³: 1 cm Muck (A9) (LRR C)2 cm Muck (A10) (LRR B)Reduced Vertic (F18)Red Parent Material (TF2)X_ Other (Explain in Remarks) 3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Hydric Soil Present? YesX_ No c due to strong indicators of hydrophytic vegetation soil indicators due to limited saturation depth, saling soil indicators due to limited saturation depth, saling soil indicators due to limited saturation depth, saling print Deposits (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) obs (C3) Thin Muck Surface (C7)		
	yer (if present):								
Type:			_			Libratai - O - il	Duranto Van V		
Depth (inche	:5).		_			Hydric 30ii	rieseili! Tes X NO_		
COTTUINOTIS, OF C	other factors, which	n may include	human-caused dist		ау іаск пуспо	soil indicators	s due to limited saturation depth, sali	ne	
		n may include			ау іаск пуспо	c soil indicator	s due to limited saturation depth, sali	ne	
HYDROLOGY	(ау іаск пуспо				
HYDROLOGY Wetland Hydr	/ rology Indicators	:	human-caused dist	urbance.	ау гаск пуоло		Secondary Indicators (2 or more re		
HYDROLOGY Wetland Hydr Primary Indica	rology Indicators	:	human-caused dist	turbance.	ау гаск пудпо		Secondary Indicators (2 or more re Water Marks (B1) (Riverine)	equired	
HYDROLOGY Wetland Hydr Primary IndicaSurface W	rology Indicators ators (minimum of o	:	check all that apply Salt Crust) (B11)	ау гаск пудпо		Secondary Indicators (2 or more re Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverin	equired	
HYDROLOGY Wetland Hydro Primary Indica Surface Working High Water	rology Indicators ators (minimum of o Vater (A1) er Table (A2)	:	check all that apply Salt Crust Biotic Crus) (B11) st (B12)			Secondary Indicators (2 or more re Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)	equired	
HYDROLOGY Wetland Hydro Primary Indica Surface World High Wate	rology Indicators ators (minimum of ovater (A1) er Table (A2) n (A3)	: one required;	check all that apply Salt Crust Biotic Crust Aquatic In) (B11) st (B12) vertebrates (B1	(3)		Secondary Indicators (2 or more re Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)	equired	
HYDROLOGY Wetland Hydr Primary Indica Surface W High Wate Saturation Water Ma	rology Indicators ators (minimum of o Vater (A1) er Table (A2) n (A3) rks (B1) (Nonriver	: one required; rine)	check all that apply Salt Crust Biotic Crust Aquatic Int Hydrogen) (B11) st (B12) vertebrates (B1 Sulfide Odor (6	13)		Gecondary Indicators (2 or more real water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)	equired	
HYDROLOGY Wetland Hydr Primary Indica Surface W High Wate Saturation Water Mar	rology Indicators ators (minimum of o Vater (A1) er Table (A2) n (A3) rks (B1) (Nonriver Deposits (B2) (No	: one required; rine) onriverine)	check all that apply Salt Crust Biotic Crust Aquatic Int Hydrogen Oxidized F) (B11) st (B12) vertebrates (B1 Sulfide Odor (GR) Rhizospheres a	13) C1) long Living F		Secondary Indicators (2 or more rewards (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)	equired	
HYDROLOGY Wetland Hydro Primary Indicate Surface Working High Water Saturation Water Mater Sediment Drift Depo	rology Indicators ators (minimum of or Vater (A1) er Table (A2) n (A3) rks (B1) (Nonriver Deposits (B2) (No	: one required; rine) onriverine)	check all that apply Salt Crust Biotic Crus Aquatic In Hydrogen Oxidized F) (B11) st (B12) vertebrates (B1 Sulfide Odor (Chizospheres a	13) C1) Iong Living R n (C4)		Secondary Indicators (2 or more rewards (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)	equired	
Wetland Hydromary Indicated Surface Workship Water Marker	rology Indicators ators (minimum of ovater (A1) er Table (A2) n (A3) rks (B1) (Nonriver Deposits (B2) (No	: one required; rine) nriverine)	check all that apply Salt Crust Biotic Crust Aquatic Int Hydrogen Oxidized F Presence Recent Iro	(B11) st (B12) vertebrates (B1 Sulfide Odor (GR) Rhizospheres a of Reduced Iro n Reduction in	13) C1) Iong Living R n (C4)		Secondary Indicators (2 or more re Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Image	equired	
HYDROLOGY Wetland Hydro Primary Indica Surface Work High Wate Saturation Water Mai Sediment Drift Depo X Surface S Inundation	rology Indicators ators (minimum of or Vater (A1) er Table (A2) n (A3) rks (B1) (Nonriver Deposits (B2) (No	: one required; rine) nriverine)	check all that apply Salt Crust Biotic Crust Aquatic Int Hydrogen Oxidized F Presence Recent Iro Thin Muck	(B11) st (B12) vertebrates (B1 Sulfide Odor (CR) Rhizospheres a of Reduced Iro n Reduction in Surface (C7)	13) C1) long Living R n (C4) Tilled Soils (Secondary Indicators (2 or more re Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Image Shallow Aquitard (D3)	equired	
HYDROLOGY Wetland Hydrology Primary Indica Surface Work High Water Saturation Water Man Sediment Drift Depo X Surface Solution Inundation Water-Sta	rology Indicators ators (minimum of or Vater (A1) er Table (A2) er (A3) erks (B1) (Nonriver Deposits (B2) (No esits (B3) (Nonriver coil Cracks (B6) er Visible on Aerial ained Leaves (B9)	: one required; rine) nriverine)	check all that apply Salt Crust Biotic Crust Aquatic Int Hydrogen Oxidized F Presence Recent Iro Thin Muck	(B11) st (B12) vertebrates (B1 Sulfide Odor (GR) Rhizospheres a of Reduced Iro n Reduction in	13) C1) long Living R n (C4) Tilled Soils (Secondary Indicators (2 or more re Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Image	equired	
Wetland Hydro Primary Indica Surface Wown High Water Saturation Water Man Sediment Drift Depo X Surface S Inundation Water-Sta Field Observa	rology Indicators ators (minimum of or Vater (A1) er Table (A2) er (A3) erks (B1) (Nonriver Deposits (B2) (No esits (B3) (Nonriver coil Cracks (B6) er Visible on Aerial ained Leaves (B9) ettions:	: one required; rine) onriverine) rine)	check all that apply Salt Crust Biotic Crust Aquatic Int Hydrogen Oxidized F Presence Recent Iro Thin Muck Other (Exp	(B11) st (B12) vertebrates (B1 Sulfide Odor (Chizospheres a of Reduced Iro n Reduction in Surface (C7) blain in Remark	13) C1) long Living R n (C4) Tilled Soils (Secondary Indicators (2 or more re Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Image Shallow Aquitard (D3)	equired	
Wetland Hydromary Indica Surface Water Mai Sediment Drift Depo X Surface S Inundation Water-Sta Field Observa Surface Water	rology Indicators ators (minimum of or Vater (A1) er Table (A2) n (A3) rks (B1) (Nonriver Deposits (B2) (No posits (B3) (Nonriver soil Cracks (B6) n Visible on Aerial ained Leaves (B9) attions: Present?	: pine required; rine) priverine) rine) Imagery (B7)	check all that apply Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Iro Thin Muck Other (Exp	(B11) st (B12) vertebrates (B1 Sulfide Odor (Chizospheres a of Reduced Iro n Reduction in Surface (C7) blain in Remark	13) C1) long Living R n (C4) Tilled Soils (Secondary Indicators (2 or more re Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Image Shallow Aquitard (D3)	equired	
HYDROLOGY Wetland Hydrology Primary Indica Surface Work High Water Saturation Water Man Sediment Drift Depo X Surface Something Inundation Water-Sta Field Observa Surface Water Water Table Primary Wetland High Water Water Sta	rology Indicators ators (minimum of or Vater (A1) er Table (A2) n (A3) rks (B1) (Nonriver Deposits (B2) (No posits (B3) (Nonriver soil Cracks (B6) n Visible on Aerial ained Leaves (B9) ations: Present?	: cone required; rine) conriverine) crine) Imagery (B7) Yes N	check all that apply Salt Crust Biotic Crust Aquatic Int Hydrogen Oxidized F Presence Recent Iro Thin Muck Other (Exp	(B11) st (B12) vertebrates (B1 Sulfide Odor (CRhizospheres a of Reduced Iro n Reduction in Surface (C7) blain in Remark es):	I3) C1) long Living R n (C4) Tilled Soils (Coots (C3)	Secondary Indicators (2 or more rewards (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Image Shallow Aquitard (D3) FAC-Neutral Test (D5)	equired	
HYDROLOGY Wetland Hydrology Primary Indica Surface Work High Water Saturation Water Man Sediment Drift Depo X Surface Something Inundation Water-State Field Observa Surface Water Water Table Prosaturation Press	rology Indicators ators (minimum of or Vater (A1) er Table (A2) n (A3) rks (B1) (Nonriver Deposits (B2) (No risis (B3) (Nonriver soil Cracks (B6) n Visible on Aerial ained Leaves (B9) ations: Present? yesent?	: cone required; rine) conriverine) crine) lmagery (B7) //es N	check all that apply Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Iro Thin Muck Other (Exp	(B11) st (B12) vertebrates (B1 Sulfide Odor (CRhizospheres a of Reduced Iro n Reduction in Surface (C7) blain in Remark es):	I3) C1) long Living R n (C4) Tilled Soils (Secondary Indicators (2 or more rewards (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Image Shallow Aquitard (D3) FAC-Neutral Test (D5)	equired	
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HYDROLOGY Wetland Hydrology Primary Indica Surface Work High Water Saturation Water Man Sediment Drift Depoo X Surface So Inundation Water-Sta Field Observa Surface Water Water Table Pr Saturation Prese (includes capilla	rology Indicators ators (minimum of or Vater (A1) er Table (A2) n (A3) rks (B1) (Nonriver Deposits (B2) (No risits (B3) (Nonriver soil Cracks (B6) n Visible on Aerial ained Leaves (B9) ations: Present? resent? y ary fringe)	: cone required; crine) crine) crine) lmagery (B7) /es N /es N	check all that apply Salt Crust Biotic Crust Aquatic Int Hydrogen Oxidized F Presence Recent Iro Thin Muck Other (Exp	(B11) st (B12) vertebrates (B1 Sulfide Odor (CR) Rhizospheres a of Reduced Iro n Reduction in Surface (C7) olain in Remark es): es):	I3) C1) long Living R n (C4) Tilled Soils (Coots (C3)	Secondary Indicators (2 or more rewards (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Image Shallow Aquitard (D3) FAC-Neutral Test (D5)	equired	
HYDROLOGY Wetland Hydrology Primary Indica Surface Work High Water Saturation Water Man Sediment Drift Depoo X Surface Some Inundation Water-Sta Field Observa Surface Water Water Table Pr Saturation Presign (includes capillated) Describe Record	rology Indicators ators (minimum of or Vater (A1) er Table (A2) n (A3) rks (B1) (Nonriver Deposits (B2) (No risis (B3) (Nonriver roid Cracks (B6) n Visible on Aerial ained Leaves (B9) ations: Present? Present? Sent? Pary fringe) ded Data (stream of	: one required; rine) onriverine) Imagery (B7) /es N /es N gauge, monito	check all that apply Salt Crust Biotic Crust Aquatic Int Hydrogen Oxidized F Presence Recent Iro Thin Muck Other (Exp	(B11) (B12) vertebrates (B1) Sulfide Odor (CRhizospheres a of Reduced Iron Reduction in Surface (C7) colain in Remark es): es):	I3) C1) long Living R n (C4) Tilled Soils (Coots (C3) C6) Can be seen as a se	Secondary Indicators (2 or more rewards (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Image Shallow Aquitard (D3) FAC-Neutral Test (D5)	equired e) ery (C9)	
HYDROLOGY Wetland Hydrology Primary Indica Surface Work High Water Saturation Water Man Sediment Drift Depoo X Surface Someth Inundation Water-Sta Field Observa Surface Water Water Table Pr Saturation Presign (includes capillated) Describe Record	rology Indicators ators (minimum of or Vater (A1) er Table (A2) n (A3) rks (B1) (Nonriver Deposits (B2) (No risis (B3) (Nonriver roid Cracks (B6) n Visible on Aerial ained Leaves (B9) ations: Present? Present? Sent? Pary fringe) ded Data (stream of	: one required; rine) onriverine) Imagery (B7) /es N /es N gauge, monito	check all that apply Salt Crust Biotic Crust Aquatic Int Hydrogen Oxidized F Presence Recent Iro Thin Muck Other (Exp	(B11) (B12) vertebrates (B1) Sulfide Odor (CRhizospheres a of Reduced Iron Reduction in Surface (C7) colain in Remark es): es):	I3) C1) long Living R n (C4) Tilled Soils (Coots (C3) C6) Can be seen as a se	Secondary Indicators (2 or more rewards (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Image Shallow Aquitard (D3) FAC-Neutral Test (D5)	equired e) ery (C9)	
HYDROLOGY Wetland Hydrology Primary Indica Surface Work High Water Saturation Water Man Sediment Drift Depoo X Surface Some Inundation Water-Sta Field Observa Surface Water Water Table Pr Saturation Presign (includes capillated) Describe Record	rology Indicators ators (minimum of or Vater (A1) er Table (A2) n (A3) rks (B1) (Nonriver Deposits (B2) (No risis (B3) (Nonriver roid Cracks (B6) n Visible on Aerial ained Leaves (B9) ations: Present? Present? Sent? Pary fringe) ded Data (stream of	: one required; rine) onriverine) Imagery (B7) /es N /es N gauge, monito	check all that apply Salt Crust Biotic Crust Aquatic Int Hydrogen Oxidized F Presence Recent Iro Thin Muck Other (Exp	(B11) (B12) vertebrates (B1) Sulfide Odor (CRhizospheres a of Reduced Iron Reduction in Surface (C7) colain in Remark es): es):	I3) C1) long Living R n (C4) Tilled Soils (Coots (C3) C6) Can be seen as a se	Secondary Indicators (2 or more rewards (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Image Shallow Aquitard (D3) FAC-Neutral Test (D5)	equired e) ery (C9)	

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	o Sampling Date: 3.3.20
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 323
Investigator(s): Beth Proscal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top				, convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat:			Long: -117.015091849 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: depression
Are climatic / hydrologic conditions on the site typical for		f year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology _				Are "Normal Circumstances" present? Yes X No
Are Vegetation , Soil , or Hydrology _				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				,
Hydrophytic Vegetation Present? Yes X	_No	le th	ne Sampled	Arna
Hydric Soil Present? Yes X	_No		ie Sampieu iin a Wetlan	YAS X NO
Wetland Hydrology Present? Yes X	No	_		
is considered to meet the wetland criteria. VEGETATION – Use scientific names of plants				es. This feature was sampled during the growing season and
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none	70 OOVCI	Орсоюз:	Otatus	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2.				Total Number of Dominant
3				Percent of Dominant Species (B)
4				That Are OBL, FACW, or FAC:50(A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cove	3 1	
1 none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3.				OBL species 1 x 1 = 1
4.				FACW species 3 x 2 = 6
5.				FAC species1 x 3 =3
		= Total Cove	er	FACU species1 x 4 =4
Herb Stratum (Plot size:)				UPL species 0 x 5 = 0
Plagiobothrys acanthocarpus	3	No	OBL	Column Totals:6 (A)14 (B)
2. Hordeum murinum	30	Yes	FACU	Prevalence Index = B/A = 2.3
3. Festuca perennis		Yes	FAC	
4. Plantago elongata	1	No	FACW	Hydrophytic Vegetation Indicators:
5. Psilocarphus brevissimus	1	No No	FACW	Dominance Test is >50%
6. <u>Lepidium latipes</u>	1	No	FACW_	X Prevalence Index is ≤3.0¹
7. 8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
o	76	= Total Cov		Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)		rotal Gov	.01	Froblematic Hydrophytic Vegetation (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 24 % Co	ver of Biotic	: Crust		Vegetation Present? Yes X No
Remarks: Sample area is a vernal pool that receives ru	ınoff from a	relatively sma	all local micro	-watershed. In addition to the vernal pool consisting
				cies (Plagiobothrys acanthocarpus, Plantago elongata, and

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ires		_		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Re	emarks
							_		
¹ Type: C=Con	centration, D=Depletion,	RM=Reduced	Matrix, CS=Covered	or Coated	Sand Grains	s. ² l	Location: PL=P	ore Lining, RC=Root Cha	nnel, M=Matrix.
Hydric Soil	Indicators: (Applica	ble to all LR	Rs, unless otherv	vise note	d.)		Indicator	s for Problematic Hy	dric Soils ³ :
Histosol				edox (S5)				Muck (A9) (LRR C)	
	pipedon (A2)			Matrix (S				Muck (A10) (LRR B)	
Black Hi	. ,			lucky Min				iced Vertic (F18)	
	n Sulfide (A4)			Bleyed Ma				Parent Material (TF2)	
	l Layers (A5) (LRR C	`		l Matrix (F				r (Explain in Remarks)	
	ick (A9) (LRR D)	,		ark Surfa	,		<u></u>	(Explain in Nemarks)	
	Below Dark Surface	(A11)		l Dark Sui	` ,				
	ark Surface (A12)	(A11)		epression			3Indicator	s of hydrophytic veget	ation and
	lucky Mineral (S1)			ools (F9)	15 (1 0)			nd hydrology must be	
			veinai F	00IS (F9)					•
Sandy G	ileyed Matrix (S4)						unies	s disturbed or problem	auc.
Restrictive L	.ayer (if present):								
Type:									
Depth (inch	nes):		_				Hydric Soil F	Present? Yes	X No
			-					soils were assumed to	
l									
HYDROLOG	SY								
	drology Indicators:						S	econdary Indicators	(2 or more required)
-	cators (minimum of o	ao roquirod: o	shock all that apply	٨			<u> </u>	Water Marks (B1) (F	·
		ie required, c		,				_ ` ` ' `	,
	Water (A1)		Salt Crust					_Sediment Deposits	
<u> </u>	iter Table (A2)		X Biotic Cru	, ,				_ Drift Deposits (B3) (•
Saturation	` '		Aquatic In		` '			_ Drainage Patterns (,
Water M	larks (B1) (Nonriveri	ne)	Hydrogen	Sulfide C	dor (C1)			_ Dry-Season Water ¹	Γable (C2)
Sedimer	nt Deposits (B2) (Non	riverine)	Oxidized I	Rhizosphe	eres along	Living Roo	ots (C3)	_ Thin Muck Surface ((C7)
Drift Dep	oosits (B3) (Nonriver	ine)	Presence	of Reduc	ed Iron (C4	·)		Crayfish Burrows (C	(8)
X Surface	Soil Cracks (B6)		Recent Iro	on Reduct	ion in Tilled	Soils (C		Saturation Visible or	n Aerial Imagery (C9)
	on Visible on Aerial Ir	nagery (B7)	Thin Muck			`	_	— Shallow Aquitard (D	• • • •
	tained Leaves (B9)		Other (Ex		. ,			FAC-Neutral Test (•
	` ′			piaiii iii i	emanto,		_		
Field Observ									
Surface Water	er Present? Ye		o <u>X</u> Depth (inch			_			
Water Table	Present? Ye	es N	o X Depth (inch	nes):		_			
Saturation Pr	esent? Ye	esN	o X Depth (inch	nes):		Wetla	ınd Hydrolog	y Present? Yes	No
(includes cap	illary fringe)								
Describe Reco	orded Data (stream g	auge, monito	ring well, aerial ph	otos, prev	ious inspec	ctions), if a	available:		
								s and a biotic crust bo	
	, ,,		vel and saturation	are not kr	own as a s	oil pit was	s not dug due	to the fact that protoc	ol fairy shrimp
surveys were	being conducted cond	currently.							

Project/Site: Southwest Village Specific Plan Project		City/County	San Diego)	Samp	ling Date:3/3	3/2020	
Applicant/Owner: Pardee Homes				State:CA		ling Point:32		
Investigator(s): Beth Procsal and JR Sundberg		Section, To	wnship, Ran	ge:Section 31, T1	— 8S R01W			
Landform (hillslope, terrace, etc.): mesa top		Local relief	(concave, c	convex, none):conca	ve	Slope	e (%):0 -	2
Subregion (LRR):C - Mediterranean California	Lat:32.5	554237738	2	Long:-117.015180)34	 Datum	:NAD8	33
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slo					sification:]	None		
Are climatic / hydrologic conditions on the site typical for this		ar? Yes 🕡	No ((If no, explain	in Remarks	s.)		
		disturbed?		Normal Circumstance	es" present	? Yes 🕡	No (\circ
	•	blematic?		eded, explain any an	•		,	
SUMMARY OF FINDINGS - Attach site map s	•						ures,	etc.
Hydrophytic Vegetation Present? Yes No								
	Õ	ls th	e Sampled	Area				
Wetland Hydrology Present? Yes No	Ö		in a Wetlan			lo ()		
Remarks: The majority of the vegetation on the site ha	as been d	isturbed d	ue to past la	and uses. The natu	ral hydro	logy of the	area, ir	ı
general, has been altered due to off-road act								
problematic due to the seasonality of their p	resence	with hydro	ology restric	cted to the winter	and vegeta	ation to the	late wi	
and early spring months each year.								
VEGETATION								
	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test v				
1.None	70 00101	<u> </u>		Number of Domina That Are OBL, FAC		: 1	(A)
2.						1	,	. ,
3.			<u> </u>	Total Number of Do Species Across All		1	(В)
4.				·		1	,	,
Total Cover:	%			Percent of Dominar That Are OBL, FAC		100.0) % (A/B)
Sapling/Shrub Stratum						1000	<i>J</i> / 0 (
1. <u>None</u>			▼	Prevalence Index				
2			▼	Total % Cover	ot:	Multiply		
3.		<u> </u>	T	OBL species		x 1 =	0	
4		▼		FACW species FAC species	7.5	x 2 = x 3 =	0	
5Total Cover:	%			FACU species	75 -	x 4 =	225	
Herb Stratum	70			UPL species	5	x 5 =	20	
1.Festuca perennis	75	Yes	FAC	Column Totals:	0.0	(A)	245	(B)
2. Hordeum murinum			FACU	Column Totals.	80	(^)	243	(5)
3.			▼	Prevalence In	dex = B/A	=	3.06	
4.				Hydrophytic Vege	tation Indi	cators:		
5.			<u> </u>	X Dominance Te				
6.		lacksquare	▼	Prevalence Inc				
7.		▼	▼	Morphological	Adaptation:	s¹ (Provide s a separate s	upportin	ng
8.		▼	▼	Problematic H		•	•	.
Total Cover: Woody Vine Stratum	80 %			i robicinatio i i	, aropriyao	vegetation (_xpiaiii)	'
				¹ Indicators of hydri	c soil and	wetland hydi	oloav n	nust
1.None		▼		be present.	o com ama	wouldn't riyar	ology II	
2Total Cover:	%			Hydrophytic				
				Vegetation	_			
% Bare Ground in Herb Stratum 20 % Cover			<u>%</u>	Present?	Yes 💿	No 🔘		
Remarks: No ACOE vernal pool plant indicator spec	ies were	present w	ithin the ba	isin.				

SOIL

Sampling Point: 324

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

	Color (moist)	%	Color (moist)	ox Features	Type ¹	Loc ²	Texture ³	Remarks
						lacksquare		
						T		
						<u></u>		
					T			
					lacksquare	T		
					▼	▼		
						•		
	oncentration, D=DepI					-	=Root Channe l , M=	
					ndy Loam,	Clay Loam		Silt Loam, Silt, Loamy Sand, Sand
	ndicators: (Applicabl	e to all LRF						oblematic Hydric Soils [‡] :
Histosol	pipedon (A2)		Sandy Red	. ,			1 cm Muck (A9) (LRR C) A10) (LRR B)
	istic (A3)			cky Minera	I (F1)		Reduced Ve	
	en Sulfide (A4)			eyed Matrix				Material (TF2)
	d Layers (A5) (LRR C	;)	Depleted N	-	. ,			in in Remarks)
1 cm Mı	uck (A9) (LRR D)		Redox Dai	rk Surface ((F6)			
	d Below Dark Surface	e (A11)		Dark Surfac				
	ark Surface (A12)		1 1	pressions (I	F8)		4	
	Mucky Mineral (S1)		Vernal Poo	ols (F9)			_	drophytic vegetation and
	Gleyed Matrix (S4) Layer (if present):						welland hydro	ology must be present.
	Layer (II present).							
Type: Depth (in	obos):						Hydric Soil Prese	ent? Yes 📵 No 🦳
	·	aorios is	on the Hydria Co	ila of Con	Diago C	ountry list	•	e Natural Resource
			•		Diego C			
					~ 1 4 4	•		
					_	he sample	point being a po	tential vernal pool and may
su	apport a listed fairy	shrimp s			_	he sample	point being a po	
su ar	apport a listed fairy ad wetland hydrolo	shrimp s			_	he sample	point being a po	tential vernal pool and may sence of hydrophytic vegetation
st ar I YDROLO	apport a listed fairy ad wetland hydrolo	shrimp s			_	he sample	point being a poent due to the pres	tential vernal pool and may sence of hydrophytic vegetation
st ar IYDROLO Wetland Hy	apport a listed fairy ad wetland hydrolo IGY	shrimp s	pecies. Hydric so		_	he sample	point being a poent due to the pres	tential vernal pool and may sence of hydrophytic vegetation
su ar IYDROLO Wetland Hy Primary Indi	upport a listed fairy and wetland hydrolo DGY drology Indicators:	shrimp s	pecies. Hydric so	oils were a	_	he sample	spoint being a poent due to the pres	sence of hydrophytic vegetation (2 or more required)
ar IYDROLO Wetland Hy Primary India	upport a listed fairy ad wetland hydrolo GY drology Indicators: cators (any one indica	shrimp s	pecies. Hydric so	oils were a	_	he sample	Secondary Water M	sence of hydrophytic vegetation of hydrophyt
ar IYDROLO Wetland Hy Primary India	upport a listed fairy ad wetland hydrolo DGY drology Indicators: cators (any one indicators) Water (A1) ater Table (A2)	shrimp s	cient) Salt Crus Biotic Cru	oils were a	issumed t	he sample	Secondary I Water M Sedime Drift De	sence of hydrophytic vegetation Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine)
Ar IYDROLO Wetland Hy Primary India Surface High Wa	upport a listed fairy ad wetland hydrolo DGY drology Indicators: cators (any one indicators) Water (A1) ater Table (A2)	shrimp s	cient) Salt Crus Biotic Cru Aquatic Ir	oils were a	s (B13)	he sample	Secondary I Sedime Sedime Drainag	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine)
SU ar IYDROLO Wetland Hy Primary India Surface High Wa Saturati	upport a listed fairy and wetland hydrolo DGY drology Indicators: cators (any one indicators (A1) ater (A2) on (A3)	shrimp s	cient) Salt Crus Biotic Cru Aquatic II	et (B11) ust (B12) nivertebrate	s (B13)	he sample	Secondary Sedime Drainag Dry-Sea	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) ge Patterns (B10)
AT AT AT AT A SECTION AND A S	upport a listed fairy and wetland hydrology drology Indicators: cators (any one indicators (A1) ater Table (A2) on (A3) Marks (B1) (Nonriveria	shrimp s ator is suffice ne) nriverine)	cient) Salt Crus Biotic Cru Aquatic II Hydroger Oxidized	et (B11) ust (B12) nivertebrate	s (B13) dor (C1) res along I	he sample o be prese	Secondary I Sedime Drift De Dry-Sea	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2)
Stuar IYDROLO Wetland Hy Primary India Surface High Water Mater Mater Mater Mater Mater Mater Mater Drift De	upport a listed fairy ad wetland hydrology drology Indicators: cators (any one indicators (A1) ater Table (A2) on (A3) Marks (B1) (Nonriveriant Deposits (B2) (Non	shrimp s ator is suffice ne) nriverine)	cient) Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence	oils were a t (B11) ust (B12) nvertebrate n Sulfide Oc Rhizosphe	s (B13) dor (C1) res along I	he sample o be prese	Secondary	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7)
SU ART ART ART ART ART ART ART ART	upport a listed fairy and wetland hydrology of the decision of	shrimp s ator is suffice ne) nriverine) ine)	cient) Salt Crus Biotic Cru Aquatic Ii Hydroger Oxidized Presence Recent Ir	oils were a t (B11) ust (B12) nvertebrate n Sulfide Oc Rhizosphe	s (B13) dor (C1) res along I dd Iron (C4 on in Plow	he sample o be prese _iving Roots	Secondary I Secondary I Water M Drift De Drainag Dry-Sea s (C3) Thin Mu Crayfisl Saturat	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) th Burrows (C8)
SU AR IYDROLO Wetland Hy Primary India Surface High Wa Saturati Water M Sedimei Drift Del Surface Inundati	upport a listed fairy and wetland hydrology of the decision of	shrimp s ator is suffice ne) nriverine) ine)	cient) Salt Crus Biotic Cru Aquatic Ii Hydroger Oxidized Presence Recent Ir	oils were a t (B11) ust (B12) nvertebrate n Sulfide Oc Rhizosphe of Reduce on Reduction	s (B13) dor (C1) res along I dd Iron (C4 on in Plow	he sample o be prese _iving Roots	Secondary I Sedime Drift De Drainag Dry-Sea S (C3) Thin Mu Crayfisl Shallow	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) h Burrows (C8) ion Visible on Aerial Imagery (C9)
SU AR AT AT AT AT AT AT AT AT AT	apport a listed fairy and wetland hydrology and wetland hydrology Indicators: cators (any one indicators (A1) ater Table (A2) on (A3) Marks (B1) (Nonriveriant Deposits (B2) (Nonriver Soil Cracks (B6) ion Visible on Aerial Instained Leaves (B9)	shrimp s ator is suffice ne) nriverine) ine)	cient) Salt Crus Biotic Cru Aquatic Ii Hydroger Oxidized Presence Recent Ir	oils were a t (B11) ust (B12) nvertebrate n Sulfide Oc Rhizosphe of Reduce on Reduction	s (B13) dor (C1) res along I dd Iron (C4 on in Plow	he sample o be prese _iving Roots	Secondary I Sedime Drift De Drainag Dry-Sea S (C3) Thin Mu Crayfisl Shallow	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) in Burrows (C8) ion Visible on Aerial Imagery (C9) of Aquitard (D3)
SU AIT IYDROLO Wetland Hy Primary India Surface High Wa Saturati Water M Sedimel Drift Del Surface Inundati	drology Indicators: cators (any one indicators) Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriveriant Deposits (B2) (Nonriveriant Cracks (B6) ion Visible on Aerial Instained Leaves (B9) Evations:	ne) nriverine) ine) magery (B7	cient) Salt Crus Biotic Cru Aquatic Ii Hydroger Oxidized Presence Recent Ir	oils were a t (B11) ust (B12) nvertebrate n Sulfide Oo Rhizosphe e of Reduce on Reduction	s (B13) dor (C1) res along I dd Iron (C4 on in Plow	he sample o be prese _iving Roots	Secondary I Sedime Drift De Drainag Dry-Sea S (C3) Thin Mu Crayfisl Shallow	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) in Burrows (C8) ion Visible on Aerial Imagery (C9) of Aquitard (D3)
SU AIT IYDROLO Wetland Hy Primary India Surface High Wa Saturati Water N Sediment Drift Dept Surface Inundati Water-S Field Obser Surface Water	upport a listed fairy and wetland hydrology and wetland hydrology and wetland hydrology Indicators: cators (any one indicators: Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriveriant Deposits (B2) (Nonriversial Cracks (B6) ion Visible on Aerial Instained Leaves (B9) Evations: ter Present?	ne) nriverine) magery (B7	cient) Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Other (Ex	at (B11) ust (B12) nvertebrate n Sulfide Oc Rhizosphe e of Reduce on Reducti collain in Re	s (B13) dor (C1) res along I dd Iron (C4 on in Plow	he sample o be prese _iving Roots	Secondary I Sedime Drift De Drainag Dry-Sea S (C3) Thin Mu Crayfisl Shallow	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) in Burrows (C8) ion Visible on Aerial Imagery (C9) of Aquitard (D3)
SU AR IYDROLO Wetland Hy Primary India Surface High Wa Saturati Water M Sedimei Drift De Surface Inundati Water-S Field Obser Surface Water Table	apport a listed fairy and wetland hydrology and wetland hydrology and wetland hydrology and wetland hydrology and wetland and wetland and wetland (A2) and (A3) Marks (B1) (Nonriverient Deposits (B2) (Nonriver Soil Cracks (B6) ion Visible on Aerial Instained Leaves (B9) are present?	ne) nriverine) magery (B7	cient) Salt Crus Biotic Cru Aquatic In Hydroger Oxidized Presence Recent Ir Other (Ex	at (B11) ust (B12) nvertebrate n Sulfide Oc Rhizosphe e of Reduce on Reducti cplain in Re	s (B13) dor (C1) res along I dd Iron (C4 on in Plow	he sample o be prese	Secondary I Secondary I Water M Sedime Drift De Drainag Thin Mu Crayfisl Saturat Shallow FAC-Ne	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) h Burrows (C8) ion Visible on Aerial Imagery (C9) of Aquitard (D3) entral Test (D5)
SU AIT IYDROLO Wetland Hy Primary India Surface High Wa Saturati Water N Sedimel Drift Del Surface Inundati Water-S Field Obser Surface Wat Water Table Saturation P (includes cal	upport a listed fairy and wetland hydrology and and and and and and and and and and	ne) magery (B7	cient) Salt Crus Biotic Cru Aquatic Ii Hydroger Oxidized Presence Recent Ir Other (Ex	t (B11) ust (B12) nvertebrate n Sulfide Oc Rhizosphe e of Reduce on Reducti colain in Re nches): nches):	s (B13) dor (C1) res along I dd Iron (C4 on in Plow marks)	he sample o be prese	Secondary I Secondary I Water M Sedime Drift De Drainag Thin Mu Crayfisl Saturat Shallow FAC-Ne	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) h Burrows (C8) ion Visible on Aerial Imagery (C9) of Aquitard (D3) entral Test (D5)
SU AIT IYDROLO Wetland Hy Primary India Surface High Wa Saturati Water N Sedimel Drift Del Surface Inundati Water-S Field Obser Surface Wat Water Table Saturation P (includes cal	upport a listed fairy and wetland hydrology and wetland hydrology and wetland hydrology Indicators: cators (any one indicators	ne) magery (B7	cient) Salt Crus Biotic Cru Aquatic Ii Hydroger Oxidized Presence Recent Ir Other (Ex	t (B11) ust (B12) nvertebrate n Sulfide Oc Rhizosphe e of Reduce on Reducti colain in Re nches): nches):	s (B13) dor (C1) res along I dd Iron (C4 on in Plow marks)	he sample o be prese	Secondary I Secondary I Water M Sedime Drift De Drainag Thin Mu Crayfisl Saturat Shallow FAC-Ne	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) ge Patterns (B10) ason Water Table (C2) uck Surface (C7) h Burrows (C8) ion Visible on Aerial Imagery (C9) of Aquitard (D3) entral Test (D5)
SU ART IYDROLO Wetland Hy Primary India Surface High Water N Sedimen Sedimen Drift Del Surface Inundati Water-S Field Obser Surface Water Table Saturation P (includes cap Describe Re	apport a listed fairy and wetland hydrology and and and and and and and and and and	ne) nriverine) ine) magery (B7	cient) Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Other (Ex	t (B11) ust (B12) nvertebrate n Sulfide Od Rhizosphe e of Reduce on Reduction xplain in Re nches): nches):	s (B13) dor (C1) res along I rd Iron (C4 on in Plow marks)	Living Roots ed Soils (Competitions), if	Secondary Secondary Water M Sedime Drift De Drainag Dry-Sea S (C3) Thin Mu Crayfisl Shallow FAC-Ne	Indicators (2 or more required) Marks (B1) (Riverine) and Deposits (B2) (Riverine) apposits (B3) (Riverine) ason Water Table (C2) ack Surface (C7) and Visible on Aerial Imagery (C9) Aquitard (D3) actric (D5) sent? Yes No
SU AIT IYDROLO Wetland Hy Primary India Surface High Wa Saturatia Water N Sediment Surface Inundatia Water-S Field Obser Surface Water Table Saturation P (includes cal Describe Re	upport a listed fairy and wetland hydrology and and and and and and and and and and	ne) nriverine) ine) magery (B7	cient) Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Other (Ex	t (B11) ust (B12) nvertebrate n Sulfide Oc Rhizosphe e of Reduce on Reduction (xplain in Re nches): nches): nches):	s (B13) dor (C1) res along I res along I ron (C4 on in Plow marks) evious insp	Living Roots) ed Soils (Co	Secondary	Indicators (2 or more required) Marks (B1) (Riverine) Indicators (82) (Riverine) Indicators (83) (Riverine) Indicators (83) (Riverine) Indicators (84) (Riverine) Indicators (84) (Riverine) Indicators (85) (Riverine) Indicators (86) (Riverine) Indicators (87) (Rive
SU AIT IYDROLO Wetland Hy Primary India Surface High Wa Saturatia Water N Sediment Drift Dent Surface Inundatia Water-S Field Obser Surface Water Table Saturation P (includes cand Describe Reservance) Remarks: All and	upport a listed fairy and wetland hydrology and and and and and and and and and and	ne) nriverine) ine) magery (B7	cient) Salt Crus Biotic Cru Aquatic Ii Hydroger Oxidized Presence Recent Ir Other (Ex	t (B11) ust (B12) nvertebrate n Sulfide Oc Rhizosphe e of Reduce on Reduction (xplain in Re nches): nches): photos, pro- me of the icate that the	s (B13) dor (C1) res along I dd Iron (C4 on in Plow marks) evious insp	Living Roots ed Soils (Compositions), if wetland wetland pections), if	Secondary I Secondary I Water M Sedime Drift De Drainag Thin Mu Crayfisl Saturat Shallow FAC-Ne available: ce of surface soil etland hydrology	Indicators (2 or more required) Marks (B1) (Riverine) And Deposits (B2) (Riverine) Apposits (B3) (Riverine) Apposits (B3) (Riverine) Apposits (B4) (Riverine) Apposits (B5) (Riverine) Apposits (B6) Apposits (B7) Apposits (B7) Apposits (B8) Apposits (B7) Apposits (B8) Apposits (B8) Apposits (B7) Apposits (B8) Apposits (B7) A
SU ART IYDROLO Wetland Hy Primary India Surface High Wa Saturati Water N Sedimei Drift De Surface Inundati Water-S Field Obser Surface Water Water Table Saturation P (includes cal Describe Re Remarks:A1 and sat	drology Indicators: cators (any one indicators (any one indicators) Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverint Deposits (B2) (Nonrivers) Soil Cracks (B6) ion Visible on Aerial Instained Leaves (B9) vations: ter Present? P	ne) nriverine) ine) magery (B7	cient) Salt Crus Biotic Cru Aquatic Ii Hydroger Oxidized Presence Recent Ir Other (Ex	t (B11) ust (B12) nvertebrate n Sulfide Oc Rhizosphe e of Reduce on Reduction (xplain in Re nches): nches): photos, pro- me of the icate that the	s (B13) dor (C1) res along I dd Iron (C4 on in Plow marks) evious insp	Living Roots ed Soils (Compositions), if wetland wetland pections), if	Secondary I Secondary I Water M Sedime Drift De Drainag Thin Mu Crayfisl Saturat Shallow FAC-Ne available: ce of surface soil etland hydrology	Indicators (2 or more required) Marks (B1) (Riverine) Indicators (82) (Riverine) Indicators (83) (Riverine) Indicators (83) (Riverine) Indicators (84) (Riverine) Indicators (84) (Riverine) Indicators (85) (Riverine) Indicators (86) (Riverine) Indicators (87) (Rive
YDROLO Wetland Hy Primary India Surface High Wa Saturati Water N Sedimei Drift Del X Surface Inundati X Water-S Field Obser Surface Water Table Saturation P (includes cal Describe Re Remarks:A1 and	upport a listed fairy and wetland hydrology and and and and and and and and and and	ne) nriverine) ine) magery (B7	cient) Salt Crus Biotic Cru Aquatic Ii Hydroger Oxidized Presence Recent Ir Other (Ex	t (B11) ust (B12) nvertebrate n Sulfide Oc Rhizosphe e of Reduce on Reduction (xplain in Re nches): nches): photos, pro- me of the icate that the	s (B13) dor (C1) res along I dd Iron (C4 on in Plow marks) evious insp	Living Roots ed Soils (Compositions), if wetland wetland pections), if	Secondary I Secondary I Water M Sedime Drift De Drainag Thin Mu Crayfisl Saturat Shallow FAC-Ne available: ce of surface soil etland hydrology	Indicators (2 or more required) Marks (B1) (Riverine) Indicators (2 or more required) Marks (B1) (Riverine) Int Deposits (B2) (Riverine) Int Deposits (B3) (Riverine) Int Deposits (B10) Int Deposits (B10) Int Deposits (B2) (Riverine) Int Deposits (B

Arid West - Version 11-1-2006

Project/Site: Southwest Village Specific Plan	Project	_ City/Cοι	^{ınty:} San Die	go	Sar	npling Date:	: <u>3/3/2020</u>	1
Applicant/Owner: Pardee Homes				State:CA Sampling Point:325 ange:Section 31, T18S R01W convex, none):concave Slope (%):				
Investigator(s): Beth Procsal and JR Sundberg		Section,	Township, R	ange:Section 31, T	 [18S R01]	W		
Landform (hillslope, terrace, etc.): mesa top		_					lope (%):0.	
Subregion (LRR):C - Mediterranean California	 a Lat:32	- .5542101		Long:-117.0150			tum:NAD	
Soil Map Unit Name: Huerhuero loam, 2 to 9 p				_	assification		10110	<u> </u>
Are climatic / hydrologic conditions on the site typ			No (
Are Vegetation Soil or Hydrology	significant		_	"Normal Circumstar			No No	\circ
		•			-	***) INO	\cup
Are Vegetation Soil or Hydrology				needed, explain any		·		
SUMMARY OF FINDINGS - Attach sit	e map showing	g sampl	ing point l	locations, trans	ects, im	portant f	eatures,	etc.
Hydrophytic Vegetation Present? Yes (No (
Hydric Soil Present? Yes	~ ~	l:	s the Sample	d Area				
Wetland Hydrology Present? Yes	No O		vithin a Wetla		•	No 🔘		
Remarks: The majority of the vegetation on					•			
general, has been altered due to of								
problematic due to the seasonality		with hy	drology rest	ricted to the winte	r and veg	etation to t	the late w	_
and early spring months each year	•							
VEGETATION	Al 1.4-		at Indianta	(D				
Tree Stratum (Use scientific names.)	Absolute % Cover	Domina Species	ant Indicator s? Status	Dominance Test				
1. <i>None</i>			-	Number of Domir That Are OBL, FA			1	(A)
2.			7 7	5			1	,
3.			- - -	i otal Number of			1	(B)
4.			<u> </u>	fi '			1	` '
Т.	otal Cover: %			Percent of Domir That Are OBL, FA			00.0%	(A/B)
Sapling/Shrub Stratum		_		7				
1. None			<u> </u>	▝▋▗▗▗▗			nhi hii	
2. 3.			<u> </u>	<u> </u>	ei oi.	x 1 =	ply by: 0	
4.				<u> </u>		x 2 =	0	
5.			▼	.	80	x 3 =	240	
	otal Cover: %			FACU species	80	x 4 =	0	
Herb Stratum	,			UPL species		x 5 =	0	
¹ ·Festuca perennis	80	Yes	FAC	Column Totals:	80	(A)	240	(B)
2.			-	1			2.10	
3.			7	Prevalence			3.00	
4.			→		_			
5			<u> </u>					
6.			<u> </u>	Prevalence I Morphologic			la augnortiu	n.a
7			<u> </u>			ons (Provid		ıg
8.			<u> </u>	Problematic	Hydrophyti	c Vegetatio	n¹ (Exp l ain)
Woody Vine Stratum	otal Cover: 80 %	ó						
1. <i>None</i>			→		dric soi l an	d wetland h	ıydro l ogy r	nust
2.			<u> </u>	be present.				
Т	otal Cover: %	6		Hydrophytic				
% Bare Ground in Herb Stratum 20 %	% Cover of Biotic	Crust	%	Vegetation Present?	Yes 📵	No (
		-			. 33 (6		$\underline{\hspace{0.1cm}}$	
Remarks: No ACOE vernal pool plant indi	cator species wer	e present	. within the	basın.				

Depth	Matrix	Podov		r confirm the a		,
(inches)	Matrix Color (moist) %	Color (moist)	Features % Type ¹	Loc² Te	xture ³	Remarks
()						
	·					
			▼	$\overline{}$		
	·			▼		
				lacksquare		
			▼	$\overline{}$		
1Type: C=C	Concentration, D=Depletion, R	M=Reduced Matrix	Location: PL=Pore		t Channel M	I=Matrix
				-		Silt Loam, Silt, Loamy Sand, Sand.
	Indicators: (Applicable to all L					roblematic Hydric Soils:
Histoso		Sandy Redox				(A9) (LRR C)
	Epipedon (A2)	Stripped Mat	` '	<u> </u>	_	(A10) (LRR B)
	listic (A3)		y Mineral (F1)		Reduced V	
1 🗀	en Sulfide (A4)		ed Matrix (F2)		_	Material (TF2)
1 🗀 -	ed Layers (A5) (LRR C)	Depleted Ma		$\overline{\mathbf{x}}$		ain in Remarks)
	luck (A9) (LRR D)	Redox Dark	Surface (F6)		, .	,
Deplete	ed Below Dark Surface (A11)	Depleted Da	rk Surface (F7)			
Thick D	Park Surface (A12)	Redox Depre	essions (F8)			
Sandy l	Mucky Mineral (S1)	Vernal Pools	(F9)	⁴In		drophytic vegetation and
Sandy	Gleyed Matrix (S4)				wetland hydi	ology must be present.
Restrictive	Layer (if present):					
Type:						
Depth (ir	nches):			Hyd	dric Soil Pres	sent? Yes 🕟 No 🦳
Remarks: I	Huerhuero loam soil series	is on the Hydric Soils	s of San Diego Co	ounty list obta	ined from t	ne Natural Resource
		•	•	•		otential vernal pool and may
I .	upport a listed fairy shrimp		-			-
	nd wetland hydrology			o oc present a	ac to the pro	escrice of fryurophytic vegetation
HYDROLO	HILL WITHING HATHING A.			——————————————————————————————————————		tsence of hydrophytic vegetation
				o be present d	ue to the pro	
Wetland Hy	OGY			o oc present d		
1	OGY odrology Indicators:	ufficient)		o de present d	Secondary	Indicators (2 or more required)
Primary Ind	OGY /drology Indicators: icators (any one indicator is su	·	R11)	o be present d	Secondary Water	Indicators (2 or more required) Marks (B1) (Riverine)
Primary Ind	OGY /drology Indicators: icators (any one indicator is sue Water (A1)	Salt Crust (o be present d	Secondary Water Sedim	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine)
Primary Ind	OGY /drology Indicators: icators (any one indicator is sue Water (A1) /dter Table (A2)	Salt Crust (Biotic Crust	: (B12)	o be present d	Secondary Water Sedim	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine)
Primary Ind Surface High W Saturat	ody drology Indicators: icators (any one indicator is sue Water (A1) dater Table (A2) ion (A3)	Salt Crust (Biotic Crust Aquatic Inv	: (B12) ertebrates (B13)	o be present d	Secondary Water Sedim Drift D	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) age Patterns (B10)
Primary Ind Surface High W Saturat Water M	drology Indicators: icators (any one indicator is sure Water (A1) later Table (A2) ion (A3) Warks (B1) (Nonriverine)	Salt Crust (Biotic Crust Aquatic Inv	ertebrates (B13) Sulfide Odor (C1)		Secondary Water Sedim Drift D Draina Dry-Se	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2)
Primary Ind Surface High W Saturat Water M Sedime	ody Idrology Indicators: Idators (any one indicator is such that is	Salt Crust (Biotic Crust Aquatic Invo Hydrogen S Oxidized RI	: (B12) ertebrates (B13) Sulfide Odor (C1) hizospheres along L	iving Roots (C3	Secondary Water Sedim Drift D Draina Dry-Se	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) fluck Surface (C7)
Primary Ind Surface High W Saturat Water N Sedime Drift De	drology Indicators: icators (any one indicator is sure Water (A1) //ater Table (A2) ion (A3) Marks (B1) (Nonriverine) ent Deposits (B2) (Nonriverine) eposits (B3) (Nonriverine)	Salt Crust (Biotic Crust Aquatic Invo Hydrogen S Oxidized RI Presence o	: (B12) ertebrates (B13) Sulfide Odor (C1) hizospheres along L f Reduced Iron (C4)	iving Roots (C3	Secondary Water Sedim Drift D Draina Dry-Se Thin M	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) fluck Surface (C7) sh Burrows (C8)
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Primary Ind Surface High W Saturat Water N Sedime Drift De Surface	drology Indicators: icators (any one indicator is sue water (A1) dater Table (A2) ion (A3) Marks (B1) (Nonriverine) ent Deposits (B2) (Nonriverine) es Soil Cracks (B6) tion Visible on Aerial Imagery	Salt Crust (Biotic Crust Aquatic Invo Hydrogen S Oxidized RI Presence o Recent Iron	: (B12) ertebrates (B13) Sulfide Odor (C1) hizospheres along L f Reduced Iron (C4)	iving Roots (C3	Secondary Water Sedim Drift D Draina Dry-Se Thin M Crayfi	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) Muck Surface (C7) sh Burrows (C8) attion Visible on Aerial Imagery (C9) w Aquitard (D3)
Primary Ind Surface High W Saturat Water M Sedime Drift De Surface Inundat Water-S	icators (any one indicator is subset Water (A1) Vater Table (A2) vion (A3) Marks (B1) (Nonriverine) ent Deposits (B2) (Nonriverine) eposits (B3) (Nonriverine) e Soil Cracks (B6) tion Visible on Aerial Imagery (Stained Leaves (B9)	Salt Crust (Biotic Crust Aquatic Invo Hydrogen S Oxidized RI Presence o Recent Iron	: (B12) ertebrates (B13) Sulfide Odor (C1) hizospheres along L f Reduced Iron (C4) I Reduction in Plowe	iving Roots (C3	Secondary Water Sedim Drift D Draina Dry-Se Thin M Crayfi	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) fluck Surface (C7) sh Burrows (C8) ation Visible on Aerial Imagery (C9)
Primary Ind Surface High W Saturat Water N Sedime Drift De Surface Inundat Water-S	icators (any one indicator is subset (A1) Water (A1) Water Table (A2) Warks (B1) (Nonriverine) Ent Deposits (B2) (Nonriverine) Exposits (B3) (Nonriverine) Exposits (B3) (Nonriverine) Exposits (B6) Usino Visible on Aerial Imagery (Stained Leaves (B9)	Salt Crust (Biotic Crust Aquatic Inventor Hydrogen S Oxidized RI Presence o Recent Iron (B7) Other (Expl	: (B12) ertebrates (B13) Sulfide Odor (C1) hizospheres along L f Reduced Iron (C4) I Reduction in Plowe ain in Remarks)	iving Roots (C3	Secondary Water Sedim Drift D Draina Dry-Se Thin M Crayfi	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) Muck Surface (C7) sh Burrows (C8) attion Visible on Aerial Imagery (C9) w Aquitard (D3)
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Primary Ind Surface High W Saturat Water N Sedime Drift De Surface Inundat Water-S	drology Indicators: icators (any one indicator is sue water (A1) dater Table (A2) ion (A3) Marks (B1) (Nonriverine) ent Deposits (B2) (Nonriverine) es Soil Cracks (B6) tion Visible on Aerial Imagery (Stained Leaves (B9) rvations: tter Present? Yes	Salt Crust (Biotic Crust Aquatic Inventor Hydrogen S Oxidized RI Presence o Recent Iron (B7) Other (Expl	ertebrates (B13) Sulfide Odor (C1) hizospheres along L f Reduced Iron (C4) n Reduction in Plowe ain in Remarks)	iving Roots (C3	Secondary Water Sedim Drift D Draina Dry-Se Thin M Crayfi	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) Muck Surface (C7) sh Burrows (C8) attion Visible on Aerial Imagery (C9) w Aquitard (D3)
Primary Ind Surface High W Saturat Water N Sedime Drift De Surface Inundat Water-S Field Obse Surface Wa Water Table Saturation F	icators (any one indicator is substitute (A1) Vater Table (A2) Vater Table (A2) Vater Table (A2) Vater Table (B1) (Nonriverine) Vater Deposits (B2) (Nonriverine) Vater Deposits (B3) (Nonriverine) Vater Deposits (B6) Vater Deposits (B6) Vater Present (B9) Vater Present (Called Control of the Control of t	Salt Crust (Biotic Crust Aquatic Inventor Hydrogen S Oxidized RI Presence o Recent Iron Other (Expl	ertebrates (B13) Sulfide Odor (C1) hizospheres along L f Reduced Iron (C4) Reduction in Plowe ain in Remarks) hes):	iving Roots (C3	Secondary Water Sedim Drift D Draina Dry-Se Crayfi Satura Shallo	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) fluck Surface (C7) sh Burrows (C8) ation Visible on Aerial Imagery (C9) w Aquitard (D3) leutral Test (D5)
Primary Ind Surface High W Saturat Water N Sedime Surface Inundat Water-S Field Obse Surface Wa Water Table Saturation F (includes ca	drology Indicators: icators (any one indicator is sue water (A1) dater Table (A2) dion (A3) Marks (B1) (Nonriverine) ent Deposits (B2) (Nonriverine) es Soil Cracks (B6) dion Visible on Aerial Imagery (Stained Leaves (B9) rvations: de Present? Present? Present? Apillary fringe)	Salt Crust (Biotic Crust Aquatic Inv Hydrogen S Oxidized RI Presence o Recent Iron Other (Expl	ertebrates (B13) Sulfide Odor (C1) hizospheres along L f Reduced Iron (C4) Reduction in Plowe ain in Remarks) hes): hes):	iving Roots (C3	Secondary Water Sedim Drift D Draina Dry-Se Crayfi Satura Shallo FAC-N	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) Muck Surface (C7) sh Burrows (C8) attion Visible on Aerial Imagery (C9) w Aquitard (D3)
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Primary Ind Surface High W Saturat Sedime Surface Inundat Water-S Field Obse Surface Wa Water Table Saturation F (includes ca	drology Indicators: icators (any one indicator is sure Water (A1) fater Table (A2) ion (A3) Marks (B1) (Nonriverine) ent Deposits (B2) (Nonriverine) exposits (B3) (Nonriverine) exposits (B3) (Nonriverine) exposits (B6) tion Visible on Aerial Imagery (B4) Stained Leaves (B9) rvations: ter Present? expresent?	Salt Crust (Biotic Crust Aquatic Inventor Hydrogen S Oxidized RI Presence o Recent Iron Other (Expl	ertebrates (B13) Sulfide Odor (C1) hizospheres along L f Reduced Iron (C4) Reduction in Plowe ain in Remarks) hes): hes): hotos, previous insp	iving Roots (C3 ed Soils (C6) Wetland Heections), if avail	Secondary Water Sedim Drift D Draina Dry-Se Satura Shallo FAC-N	Indicators (2 or more required) Marks (B1) (Riverine) ent Deposits (B2) (Riverine) eposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) Muck Surface (C7) sh Burrows (C8) ation Visible on Aerial Imagery (C9) w Aquitard (D3) Jeutral Test (D5)
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Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	o, CA Sampling Date: March 3, 2020
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 326
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.55381401	79	Long: -117.014167368 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology			-	
Are Vegetation , Soil , or Hydrology	natura	ally problemat	tic? Yes	(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	owing sa	mpling poi	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			
	No X	is u	ne Sampled . nin a Wetland	YAS NO X
Wetland Hydrology Present? Yes X	No	_ """	iii a vvotian	4.
does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and
	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1. <u>none</u> 2.				That Are OBL, FACW, or FAC: 0 (A)
3				Total Number of Dominant Species Across All Strata: 1 (B)
				Percent of Dominant Species
*·		= Total Cove	er	That Are OBL, FACW, or FAC:0_(A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species 0 x 1 = 0
4				FACW species 0 x 2 = 0
5				FAC species 5 x 3 = 15
Hart Chatana (Distains		= Total Cove	er	FACU species 25 x 4 = 100
Herb Stratum (Plot size:)	_	NI.	FAC	UPL species 0 x 5 = 0 Column Totals: 30 (A) 115 (B)
1. Festuca perennis	5 25	N	FAC	Column Totals:30 (A)115(B)
2. Bromus hordeaceus 3.		<u>T</u>	<u>FACU</u>	Prevalence Index = B/A = 3.8
4.				Hydrophytic Vegetation Indicators:
5.				Dominance Test is >50%
6.				Prevalence Index is ≤3.0¹
7.				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	30	= Total Cov	/er	Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				
1. none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2				<u> </u>
	30	= Total Cove	er	Hydrophytic Vegetation
	ver of Biotic			Present? Yes No X
Remarks: Sample area is a vernal pool that receives ru present within the basin.	noff from a।	relatively sma	all local micro	-watershed. No ACOE vernal pool indicator species were

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Features				
(inches)	Color (moist)	%	Color (moist)	% Type ¹	Loc ²	Texture	Remarks	
							<u> </u>	
							 -	
						_		
					-			
						-		
						-		
1Type: C=Con	 centration, D=Depletior	- PM=Reduce	ad Matrix CS=Covered	d or Coated Sand Gra	oine 2	l ocation: PL =Po	ore Lining, RC=Root Channel, M=	Matrix
	Indicators: (Application		•		III IS.		s for Problematic Hydric So	
		able to all L					•	
Histosol	` '			Redox (S5) Matrix (S6)			Muck (A9) (LRR C)	
Black Hi	oipedon (A2)			` '			Muck (A10) (LRR B)	
	n Sulfide (A4)			Mucky Mineral (F1) Gleyed Matrix (F2)			ced Vertic (F18) arent Material (TF2)	
	l Layers (A5) (LRR (- \		d Matrix (F3)			(Explain in Remarks)	
	ick (A9) (LRR D)	•)		Dark Surface (F6)			(Explain in Remarks)	
	d Below Dark Surfac	e (A11)		d Dark Surface (F7	')			
	ark Surface (A12)	0 (/ 11 1)		Depressions (F8)	,	3Indicators	of hydrophytic vegetation an	d
	lucky Mineral (S1)			Pools (F9)			d hydrology must be present,	_
	Gleyed Matrix (S4)			()			disturbed or problematic.	
							<u>'</u>	
_	.ayer (if present):							
Type:			<u> </u>				49	
Depth (inch	nes):		_			Hydric Soil Pr	resent? Yes	No <u>X</u>
	refore, no soil pit wa					t tile flydropfly	tic vegetation standard to be	considered a
HYDROLOG	·v							
	drology Indicators:					60	condary Indicators (2 or mo	ana na mulina d\
-			, abaal, all that anni			<u>3e</u>		
	cators (minimum of c	one required					_ Water Marks (B1) (Riverine	,
	Water (A1)		Salt Crus	` '			Sediment Deposits (B2) (Riv	,
High Wa	ater Table (A2)		Biotic Cru	` ,			_Drift Deposits (B3) (Riverine	e)
Saturation	` '			nvertebrates (B13)			_Drainage Patterns (B10)	
Water M	larks (B1) (Nonriver	ine)	Hydroger	Sulfide Odor (C1))		_Dry-Season Water Table (C	2)
Sedimer	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizospheres alon	ig Living Ro	ots (C3)	Thin Muck Surface (C7)	
Drift Dep	posits (B3) (Nonrive	rine)	Presence	of Reduced Iron (C4)		Crayfish Burrows (C8)	
X Surface	Soil Cracks (B6)		Recent In	on Reduction in Till	led Soils (Co	6)	_Saturation Visible on Aerial I	magery (C9)
Inundati	on Visible on Aerial I	magery (B7))Thin Muc	k Surface (C7)			Shallow Aquitard (D3)	
X Water-S	tained Leaves (B9)		Other (Ex	plain in Remarks)			FAC-Neutral Test (D5)	
— Eield Obeen	rations.							
Field Observ		'aa	No V Donth (incl	haa).				
Surface Water			No X Depth (incl					
Water Table		es		hes):			D (0)/)/)	
Saturation Pr		es	No Depth (incl	nes):	Wetla	and Hydrology	y Present? Yes X	No
(includes cap	_ · · · · · ·	nauga manit	ering wall carial ph	ataa praviava inam	actions) if	oveileble: p/e		
Describe Reco	orded Data (stream o	gauge, monii	oring well, aerial pr	iotos, previous insp	pections), ii a	avallable: n/a		
Remarks: Alth	nough no surface wa	iter was nros	ent at the time of th	e delineation, the r	nool did reta	in water over t	the rainy season and fairy shr	imn surveve
							ence of fairy shrimp indicate t	
	and hydrology. Water			•			,p	••

Project/Site: Southwest Village Specific Plan	Project	City/C	ounty: <u>San</u>	Diego		San	npling Date:	3/3/2020	1
Applicant/Owner: Pardee Homes					State:CA	San	npling Point:	327	
Investigator(s): Beth Procsal and JR Sundberg		Sectio	n, Townsh	nip, Ran	ge:Section 31, T	 18S R01V	W		
Landform (hillslope, terrace, etc.): mesa top					onvex, none): _{conc}			ope (%):0.	- 2
Subregion (LRR):C - Mediterranean California	Lat:32.	55214			Long:-117.01510)	——— Datı	_ um:NAD	83
Soil Map Unit Name: Olivenhain cobbly loam,						ssification	:None		
Are climatic / hydrologic conditions on the site typi	•		es 🕟	No ((If no, explair	in Rema	rks.)		
Are Vegetation Soil	□ significant l y				Normal Circumstand) No	\circ
Are Vegetation Soil or Hydrology	_				eded, explain any a	•	_	,	
SUMMARY OF FINDINGS - Attach sit	_			,	•		ŕ	atures,	, etc.
Hydrophytic Vegetation Present? Yes					·				
Hydric Soil Present? Yes			Is the Sa	mpled	Area				
Wetland Hydrology Present? Yes			within a	-		•	No 🔘		
Remarks: The majority of the vegetation on	the site has been o	disturb	ed due to	past la	and uses. The nat	ural hydı	rology of th	ie area, i	n
general, has been altered due to of									
problematic due to the seasonality		with h	ıydrology	restri	cted to the winter	and veg	etation to th	ie late w	
and early spring months each year VEGETATION	•								+
VEGETATION	Alegalista	Danai		-4 [Danimana Task		4.		
Tree Stratum (Use scientific names.)	Absolute % Cover		nant Indic ies? Stat		Dominance Test Number of Domina				
1. <i>None</i>				▼	That Are OBL, FA			1	(A)
2.					Total Number of D	ominant			
3.				▼	Species Across Al			1	(B)
4			lacksquare	T	Percent of Domina	ant Specie	·s		
T Sapling/Shrub Stratum	otal Cover: %				That Are OBL, FA		_	0.0%	(A/B)
1.None			▼	F	Prevalence Index	workshe	et:		
2.					Total % Cove		Multip	ly by:	
3.			一		OBL species	1	x 1 =	1	
4.					FACW species		x 2 =	0	
5.				T	FAC species	51	x 3 =	153	
	otal Cover: %				FACU species	8	x 4 =	32	
Herb Stratum	. 0	V			UPL species		x 5 =	0	
1. Festuca perennis		Yes No	FAC		Column Totals:	60	(A)	186	(B)
2. <u>Medicago polymorpha</u> 3. <u>Hordeum murinum</u>		$\frac{No}{No}$	FAC FACU		Prevalence I	ndex = B	/A =	3.10	
4. Plagiobothrys acanthocarpus		No	OBL		Hydrophytic Veg	etation In	dicators:		
5.			T	Ī	X Dominance To	est is >50°	%		
6.					Prevalence In	dex is ≤3.	O ¹		
7.		-		<u> </u>	Morphologica		ons¹ (Provide on a separate		ng
8.			▼		Problematic H			•	1)
	otal Cover: 60 %				i iobicinatio i	iyaropiiya	c vegetation	(Explain	,
Woody Vine Stratum 1.None			▼	lacksquare	¹ Indicators of hydronic	ric soil an	d wetland hy	ydro l ogy r	must
2.					be present.				
	otal Cover: %		<u> </u>		Hydrophytic				-
	% Cover of Biotic (0/		Vegetation Present?	Yes 📵	No (
		_	<u>%</u>	- 11					
Remarks: Sample area is a vernal pool that pool consisting predominately of									nal
(Plagiobothrys acanthocarpus).	nyuropnyuc vege	ziali0N	, it does s	suppor	one vernai pool	hiaiii iii0	ncator spec	108	
(1 inglocounty's nontinoculpus).									

Depth	cription: (Describe to t Matrix	пе черит пееч		Features		COMMIN	the absence of	muicators.)
(inches)	Color (moist)	% Colo	r (moist)	%	Type ¹	Loc ²	Texture ³	Remarks
						▼		
								-
					_	▼		
					T	▼		
					<u> </u>			
		 -				_=		
					_	▼		
ļ					_	▼		
	oncentration, D=Depletic					_	=Root Channel,	
					indy Loam, (Clay Loan		m, Silt Loam, Silt, Loamy Sand, Sand.
l	ndicators: (Applicable to	all LRRs, unle						Problematic Hydric Soils:
Histoso			Sandy Redox	. ,				ck (A9) (LRR C)
	pipedon (A2) istic (A3)	\vdash	Stripped Ma Loamy Muc		J /E1)			ck (A10) (LRR B) Vertic (F18)
1 🗀	en Sulfide (A4)	H	Loamy Gley	-				ent Material (TF2)
	d Layers (A5) (LRR C)	H	Depleted M		(12)			plain in Remarks)
1 📖	uck (A9) (LRR D)	H	Redox Dark	, ,	(F6)		<u> </u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	d Below Dark Surface (A	11)	Depleted Da		` '			
H Thick D	ark Surface (A12)		Redox Depi	essions (F8)			
Sandy l	Mucky Mineral (S1)		Vernal Pool	s (F9)				hydrophytic vegetation and
Sandy 0	Gleyed Matrix (S4)						wetland hy	drology must be present.
Restrictive	Layer (if present):							
Type:								
Depth (in	ches):						Hydric Soil Pr	esent? Yes No
Remarks: ()	livenhain cobbly loan	n soil series is	on the Hy	dric Soil	s of San D	iego Cou	ınty list obtain	ed from the Natural Resource
C	onservation Service (1	NRCS; 2020)	. No soil pi	t was du	g due to th	e sample	e point being a	potential vernal pool and may
sı	apport a listed fairy sh	rimp species.	Hydric soi	ls were a	assumed to	be prese	ent due to the p	presence of hydrophytic vegetation
	nd wetland hydrology							<u>+</u>
HYDROLC	GY							
Wetland Hy	drology Indicators:						Seconda	ry Indicators (2 or more required)
Primary Indi	cators (any one indicator	is sufficient)					Wat	er Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crust	(B11)			Sed	iment Deposits (B2) (Riverine)
High W	ater Table (A2)	X	Biotic Crus	st (B12)			Drift	Deposits (B3) (Riverine)
	on (A3)		Aquatic Inv	ertebrate	es (B13)		Drai	nage Patterns (B10)
Water N	Marks (B1) (Nonriverine)		Hydrogen	Sulfide O	dor (C1)		Dry-	Season Water Table (C2)
Sedime	nt Deposits (B2) (Nonriv	erine)	Oxidized F	Rhizosphe	res along Li	ving Roots	s (C3) 🦳 Thin	Muck Surface (C7)
Drift De	posits (B3) (Nonriverine)	Presence	of Reduce	ed Iron (C4)		Cray	rfish Burrows (C8)
Surface	Soil Cracks (B6)		Recent Iro	n Reducti	on in Plowe	d Soils (C	6) 🦳 Satι	ıration Visible on Aerial Imagery (C9)
	ion Visib l e on Aerial Imaç	gery (B7)	Other (Exp	lain in Re	emarks)		Sha	llow Aquitard (D3)
Water-S	Stained Leaves (B9)		_				FAC	-Neutral Test (D5)
Field Obser	vations:							
Surface Wat	er Present? Yes (○ No ⊙	Depth (in	ches):				
Water Table	Present? Yes (No (Depth (inc	ches):				
Saturation F	resent? Yes (No (Depth (in	ches):				
	pillary fringe)							Present? Yes No
Describe Re	corded Data (stream gau	ige, monitoring	well, aerial p	photos, pr	evious inspe	ections), if	available:	
II .	_	-						soil cracks and biotic crust indicate
II .		-					re not known a	is a soil pit was not dug due to the
fac	et that protocol fairy s	hrimp survey	s were bein	g condu	cted concu	rrently.		
US Army Corp	s of Engineers							

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	o Sampling Date: 2.27.20
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 328
Investigator(s): Beth Proscal, Raquel Atik		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat:	 32.55130474	03	Long: -117.018394068 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: depression
Are climatic / hydrologic conditions on the site typical fo		f vear? Yes	X No	
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map si	howing sa	mpling poi	nt location	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	_No			
Hydric Soil Present? Yes X	No		he Sampled	YAS X NO
Wetland Hydrology Present? Yes X	No	— witr	nin a Wetlan	a <i>:</i> ——
Remarks: The majority of the vegetation on the site has	as been dist	urbed due to	past land use	es. This feature was sampled during the growing season and
is considered to meet the wetland criteria.	do boorr dist	uibed dde to	past land asc	s. This leaders was sumpled during the growing season and
VEGETATION – Use scientific names of plant				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none	70 OOVCI	Орсоюз:	Otatus	Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 2 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC:(A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species x 1 =
4				FACW species x 2 =
5				FAC species x 3 =
		= Total Cove	er	FACU species x 4 =
Herb Stratum (Plot size:)				UPL species x 5 =
Plagiobothrys acanthocarpus	20	Yes	OBL	Column Totals: (A)(B)
2. Juncus bufonius	15	No	FACW	Prevalence Index = B/A =
3. Festuca perennis	60	Yes	FAC	
4. Atriplex semibaccata	1	No	FAC	Hydrophytic Vegetation Indicators:
5				X Dominance Test is >50%
6.				Prevalence Index is ≤3.0¹
7				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
8	96	= Total Cov		·
Woody Vine Stratum (Plot size:)		- 10tal Cov	/ei	Problematic Hydrophytic Vegetation¹ (Explain)
1 none				¹ Indicators of hydric soil and wetland hydrology must
				be present, unless disturbed or problematic.
2		= Total Cove		I buding why stip
		- 10tal C0V6	5 1	Hydrophytic Vegetation
% Bare Ground in Herb Stratum4	over of Biotic	: Crust		Present? Yes X No No
Remarks: Sample area is a vernal pool that receives ru	unoff from a	relatively sma	all local micro	-watershed. In addition to the vernal pool consisting
predominately of hydrophytic vegetation, it also support				

Depth			R	edox Features	•			
(inches)	Color (moist)	%	Color (moist)			.oc²	Texture	Remarks
(110100)			Color (Moist)		<u> </u>		TOXIGIO	Nomano
·								
¹ Type: C=Co	ncentration, D=Deplet	ion RM=Reduced	d Matrix CS=Covere	d or Coated Sar	nd Grains	² l (ocation: PI =Po	re Lining, RC=Root Channel, M=Matrix.
* .	I Indicators: (Appli							for Problematic Hydric Soils ³ :
-		louble to all El						•
Histoso				Redox (S5)				Muck (A9) (LRR C)
Histic E	pipedon (A2)			l Matrix (S6)			2 cm N	Muck (A10) (LRR B)
Black H	listic (A3)		Loamy I	Mucky Minera	ıl (F1)		Reduc	ed Vertic (F18)
Hydroge	en Sulfide (A4)		Loamy (Gleyed Matrix	(F2)		Red Pa	arent Material (TF2)
	d Layers (A5) (LRF	RC)		d Matrix (F3)	` '		X Other	(Explain in Remarks)
	uck (A9) (LRR D)	/		Dark Surface ((F6)		<u></u> ou.o. ,	(2/1/10/11/11/11/11/11/11/11/11/11/11/11/1
	ed Below Dark Surfa	noo (Λ11)			` '			
		ace (ATT)		d Dark Surfac			31	- f
	ark Surface (A12)			Depressions (F8)			of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal F	Pools (F9)				d hydrology must be present,
Sandy (Gleyed Matrix (S4)						unless	disturbed or problematic.
Restrictive	Layer (if present):							
_	_ayo: (p. 000).							
Type:			_					
Depth (inc	ches):		_				Hydric Soil Pr	esent? Yes X No No
			etland hydrology.					
			stand flydrology.					
HYDROLO(GY		nand flydrology.					
		rs:	nand Hydrology.				Sec	condary Indicators (2 or more required)
Wetland Hy	ydrology Indicator			v)			Sec	
Wetland Hy Primary Ind	ydrology Indicator icators (minimum o		check all that appl	• /			<u>Sec</u>	Water Marks (B1) (Riverine)
Wetland Hy Primary Ind Surface	ydrology Indicator licators (minimum o e Water (A1)		check all that appl	t (B11)			<u>Sec</u>	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Wetland Hy Primary Ind Surface	ydrology Indicator icators (minimum o		check all that appl Salt Crus Biotic Cru	et (B11) ust (B12)			<u>Sec</u>	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Wetland Hy Primary Ind Surface High W	ydrology Indicator licators (minimum o e Water (A1)		check all that appl Salt Crus Biotic Cru	t (B11)	(B13)		<u>Sec</u>	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Wetland Hy Primary Ind Surface High W Saturat	ydrology Indicator icators (minimum o e Water (A1) ater Table (A2) ion (A3)	f one required;	check all that appl Salt Crus Biotic Cru	it (B11) ust (B12) nvertebrates (` '		<u>Sec</u>	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Wetland Hy Primary Ind Surface High W Saturat Water M	ydrology Indicator icators (minimum o w Water (A1) fater Table (A2) ion (A3) Marks (B1) (Nonriv	f one required; erine)	check all that appl Salt Crus X Biotic Cru Aquatic I	ust (B11) ust (B12) nvertebrates (n Sulfide Odo	r (C1)	ng Roof		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
Wetland Hy Primary Ind Surface High W Saturat Water M Sedime	ydrology Indicator icators (minimum o w Water (A1) fater Table (A2) ion (A3) Marks (B1) (Nonrivent Deposits (B2) (N	f one required; erine) lonriverine)	check all that appl Salt Crus X Biotic Cru Aquatic I Hydroger Oxidized	t (B11) ust (B12) nvertebrates (n Sulfide Odo Rhizospheres	r (C1) s along Livir	ng Root		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Wetland Hy Primary Ind Surface High W Saturat Water M Sedime Drift De	ydrology Indicator licators (minimum o w Water (A1) later Table (A2) lion (A3) Warks (B1) (Nonrive ent Deposits (B2) (Norrive eposits (B3) (Nonrive	f one required; erine) lonriverine)	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogei Oxidized Presence	t (B11) ust (B12) nvertebrates (n Sulfide Odo Rhizospheres e of Reduced	r (C1) s along Livir Iron (C4)		ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Wetland Hy Primary Ind Surface High W Saturat Water M Sedime Drift De	ydrology Indicator icators (minimum o w Water (A1) fater Table (A2) ion (A3) Marks (B1) (Nonrivent Deposits (B2) (N	f one required; erine) lonriverine)	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogei Oxidized Presence	t (B11) ust (B12) nvertebrates (n Sulfide Odo Rhizospheres	r (C1) s along Livir Iron (C4)		ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Wetland Hy Primary Ind Surface High W Saturat Water N Sedime Drift De X Surface	ydrology Indicator licators (minimum o w Water (A1) later Table (A2) lion (A3) Warks (B1) (Nonrive ent Deposits (B2) (Norrive eposits (B3) (Nonrive	f one required; erine) lonriverine) verine)	check all that appl Salt Crus X Biotic Cru Aquatic I Hydroger Oxidized Presence Recent Ir	t (B11) ust (B12) nvertebrates (n Sulfide Odo Rhizospheres e of Reduced	r (C1) s along Livir Iron (C4) i in Tilled Sc		ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Wetland Hy Primary Ind Surface High W Saturat Water N Sedime Drift De X Surface	ydrology Indicator icators (minimum o e Water (A1) later Table (A2) ion (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Soil Cracks (B6)	erine) lonriverine) verine)	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogei Oxidized Presence Recent Ir	t (B11) ust (B12) nvertebrates (n Sulfide Odo Rhizospheres of Reduced on Reduction k Surface (C7	r (C1) s along Livir Iron (C4) in Tilled Sc 7)		ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Wetland Hy Primary Ind Surface High W Saturat Water M Sedime Drift De X Surface Inundat Water-S	ydrology Indicator icators (minimum o e Water (A1) dater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Nonrive e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9	erine) lonriverine) verine)	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogei Oxidized Presence Recent Ir	t (B11) ust (B12) nvertebrates (n Sulfide Odo Rhizospheres e of Reduced on Reduction	r (C1) s along Livir Iron (C4) in Tilled Sc 7)		ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
Wetland Hy Primary Ind Surface High W Saturat Water N Sedime Drift De X Surface Inundat Water-S	ydrology Indicator icators (minimum o water (A1) vater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Nonrive es Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9) rvations:	erine) lonriverine) verine) al Imagery (B7)	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogei Oxidized Presence Recent Ir Thin Muc	t (B11) ust (B12) nvertebrates (n Sulfide Odo Rhizospheres of Reduced on Reduction ck Surface (C7 cplain in Rema	r (C1) s along Livir Iron (C4) in Tilled Sc 7) arks)		ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Wetland Hy Primary Ind Surface High W Saturat Water M Sedime Drift De X Surface Inundat Water-S	ydrology Indicator icators (minimum o water (A1) vater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Nonrive es Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9) rvations:	erine) lonriverine) verine) al Imagery (B7)	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogei Oxidized Presence Recent Ir	t (B11) ust (B12) nvertebrates (n Sulfide Odo Rhizospheres of Reduced on Reduction ck Surface (C7 cplain in Rema	r (C1) s along Livir Iron (C4) in Tilled Sc 7) arks)		ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Wetland Hy Primary Ind Surface High W Saturat Water N Sedime Drift De X Surface Inundat Water-S	ydrology Indicator icators (minimum o e Water (A1) rater Table (A2) ion (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Caracks (B6) tion Visible on Aeria Stained Leaves (B9) rvations:	erine) lonriverine) verine) al Imagery (B7)) Yes N	check all that appl Salt Crus X Biotic Cru Aquatic II Hydrogei Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrates (n Sulfide Odo Rhizospheres of Reduced on Reduction ck Surface (Ci cyplain in Remain	r (C1) s along Livir Iron (C4) in Tilled Sc 7) arks)		ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
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Wetland Hy Primary Ind Surface High W Saturat Water N Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P	ydrology Indicator icators (minimum of water (A1) atter Table (A2) ion (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Caches (B6) attended Leaves (B9) Tyations: The Present? Present?	erine) lonriverine) verine) al Imagery (B7)) Yes N	check all that appl Salt Crus X Biotic Cru Aquatic II Hydrogei Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrates (n Sulfide Odor Rhizospheres of Reduced on Reduction k Surface (C7 kplain in Remain	r (C1) s along Livir Iron (C4) in Tilled Sc 7) arks)	oils (C6)	ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hy Primary Ind Surface High W Saturat Water N Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes ca	ydrology Indicator icators (minimum of icators	erine) Ionriverine) Verine) Yes N Yes N	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogel Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrates (n Sulfide Odor Rhizospheres e of Reduced on Reduction ek Surface (C7 cplain in Rems hes): hes):	r (C1) s along Livir lron (C4) in Tilled Sc 7) arks)	wetlan	ds (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hy Primary Ind Surface High W Saturat Water N Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes ca	ydrology Indicator icators (minimum of water (A1) atter Table (A2) ion (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Caches (B6) attended Leaves (B9) Tyations: The Present? Present?	erine) Ionriverine) Verine) Yes N Yes N	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogel Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrates (n Sulfide Odor Rhizospheres e of Reduced on Reduction ek Surface (C7 cplain in Rems hes): hes):	r (C1) s along Livir lron (C4) in Tilled Sc 7) arks)	wetlan	ds (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hy Primary Ind Surface High W Saturat Water N Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes ca	ydrology Indicator icators (minimum of icators	erine) Ionriverine) Verine) Yes N Yes N	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogel Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrates (n Sulfide Odor Rhizospheres e of Reduced on Reduction ek Surface (C7 cplain in Rems hes): hes):	r (C1) s along Livir lron (C4) in Tilled Sc 7) arks)	wetlan	ds (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hy Primary Ind Surface High W Saturat Water M Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Rec	ydrology Indicator icators (minimum o water (A1) dater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Norrive es Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 rvations: ter Present? Present? pillary fringe) corded Data (stream	erine) Ionriverine) Il Imagery (B7) Yes N Yes N Yes N T gauge, monitor	check all that appl Salt Crus X Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Extending the content of	t (B11) ust (B12) nvertebrates (n Sulfide Odor Rhizospheres e of Reduced on Reduction ek Surface (C7 cplain in Remain hes): hes): hes):	r (C1) s along Livir lron (C4) in Tilled Sc 7) arks)	Wetlanns), if av	ds (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hy Primary Ind Surface High W Saturat Water N Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes ca) Describe Rec	ydrology Indicator icators (minimum o e Water (A1) rater Table (A2) ion (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Deposits (B6)) e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 rvations: ter Present? Present? Present? pillary fringe) corded Data (stream	erine) Ionriverine) Ionriverine) Il Imagery (B7) Yes N Yes N Yes N T gauge, monitor	check all that appl Salt Crus X Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Extending the content of	t (B11) ust (B12) nvertebrates (n Sulfide Odor Rhizospheres e of Reduced on Reduction ek Surface (C7 cplain in Remains): hes): hes): notos, previou	r (C1) s along Livir lron (C4) in Tilled Sc 7) arks)	Wetlanns), if avo	ds (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hy Primary Ind Surface High W Saturat Water N Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes ca) Describe Rec	ydrology Indicator icators (minimum o water (A1) dater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Norrive es Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 rvations: ter Present? Present? pillary fringe) corded Data (stream	erine) Ionriverine) Ionriverine) Il Imagery (B7) Yes N Yes N Yes N T gauge, monitor	check all that appl Salt Crus X Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Extending the content of	t (B11) ust (B12) nvertebrates (n Sulfide Odor Rhizospheres e of Reduced on Reduction ek Surface (C7 cplain in Remains): hes): hes): notos, previou	r (C1) s along Livir lron (C4) in Tilled Sc 7) arks)	Wetlanns), if avo	ds (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hy Primary Ind Surface High W Saturat Water N Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes ca) Describe Rec	ydrology Indicator icators (minimum o e Water (A1) rater Table (A2) ion (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Deposits (B6)) e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 rvations: ter Present? Present? Present? pillary fringe) corded Data (stream	erine) Ionriverine) Ionriverine) Il Imagery (B7) Yes N Yes N Yes N T gauge, monitor	check all that appl Salt Crus X Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Extending the content of	t (B11) ust (B12) nvertebrates (n Sulfide Odor Rhizospheres e of Reduced on Reduction ek Surface (C7 cplain in Remains): hes): hes): notos, previou	r (C1) s along Livir lron (C4) in Tilled Sc 7) arks)	Wetlanns), if avo	ds (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hy Primary Ind Surface High W Saturat Water N Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes ca) Describe Rec	ydrology Indicator icators (minimum o e Water (A1) rater Table (A2) ion (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Deposits (B6)) e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 rvations: ter Present? Present? Present? pillary fringe) corded Data (stream	erine) Ionriverine) Ionriverine) Il Imagery (B7) Yes N Yes N Yes N T gauge, monitor	check all that appl Salt Crus X Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Extending the content of	t (B11) ust (B12) nvertebrates (n Sulfide Odor Rhizospheres e of Reduced on Reduction ek Surface (C7 cplain in Remains): hes): hes): notos, previou	r (C1) s along Livir lron (C4) in Tilled Sc 7) arks)	Wetlanns), if avo	ds (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	o Sampling Date: 3.3.20
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 329
Investigator(s): Andrew Smisek, Katy Chappaz		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55439264	09	Long: -117.022554357 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: none
Are climatic / hydrologic conditions on the site typical for		vear? Yes	X No	
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No
Are Vegetation, SoilX, or Hydrology				(If needed, explain any answers in Remarks.)
				,
SUMMARY OF FINDINGS – Attach site map sh	owing sa	mpling poi	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	No			
Hydric Soil Present? Yes X	No		ne Sampled	YAS X NO
Wetland Hydrology Present? Yes X	No	— witr	nin a Wetlan	a <i>:</i> ——
Remarks: The majority of the vegetation on the site ha	s been dist	irbed due to	nast land use	s. This feature was sampled during the growing season and
meets the wetland criteria.	io boom diot	arbed dde to	past laria asc	o. This location was sampled during the growing season and
VEGETATION – Use scientific names of plants				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none	70 OOVCI	Орсскоз:		Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 1 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC:(A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species x 1 =
4				FACW species x 2 =
5				FAC species x 3 =
		= Total Cove	er	FACU species x 4 =
Herb Stratum (Plot size:)				UPL species x 5 =
Plagiobothrys acanthocarpus	10	Yes	OBL	Column Totals: (A)(B)
2. Psilocarphus brevissimus	1	No No	FACW	Prevalence Index = B/A =
3. Plantago elongata	1	No	FACW	
4. Spergularia bocconi		No	FACW	Hydrophytic Vegetation Indicators:
5. Deinandra fasciculata		No	FACU	X Dominance Test is >50%
6. Hordeum murinum	1	No	FACU_	Prevalence Index is ≤3.0¹
7				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
8	16	= Total Cov		· ,
Woody Vine Stratum (Plot size:	16	- Total Cov	/ei	Problematic Hydrophytic Vegetation ¹ (Explain)
1 none				¹ Indicators of hydric soil and wetland hydrology must
				be present, unless disturbed or problematic.
2		= Total Cove		I buda a buda
		- rotal Cove	5 1	Hydrophytic Vegetation
% Bare Ground in Herb Stratum84	ver of Biotic	Crust		Present? Yes X No
Remarks: Sample area is a vernal pool that receives ru				
predominately of hydrophytic vegetation, it also supports				
brevissimus, and Plantago elongata).				

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Features		_	
(inches)	Color (moist)	%	Color (moist)	% Type ¹	Loc ²	Texture	Remarks
						-	
						-	
						-	
¹ Type: C=Con	centration, D=Depletion	, RM=Reduce	ed Matrix, CS=Covered	or Coated Sand Gra	ins. ² l	Location: PL=Po	ore Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applica	able to all L	RRs, unless other	wise noted.)		Indicators	s for Problematic Hydric Soils ³ :
Histosol	(A1)		Sandy R	ledox (S5)		1 cm	Muck (A9) (LRR C)
Histic Ep	pipedon (A2)		Stripped	Matrix (S6)		2 cm	Muck (A10) (LRR B)
Black Hi	stic (A3)		Loamy N	Mucky Mineral (F1)		Redu	iced Vertic (F18)
Hydroge	n Sulfide (A4)		Loamy (Gleyed Matrix (F2)		Red F	Parent Material (TF2)
Stratified	Layers (A5) (LRR C	;)	Depleted	Matrix (F3)		X Other	r (Explain in Remarks)
1 cm Mu	ick (A9) (LRR D)		Redox D	ark Surface (F6)			
Depleted	d Below Dark Surface	e (A11)	Depleted	Dark Surface (F7))		
Thick Da	ark Surface (A12)		Redox D	epressions (F8)		³ Indicators	s of hydrophytic vegetation and
Sandy M	lucky Mineral (S1)		Vernal P	ools (F9)		wetlan	nd hydrology must be present,
Sandy G	Sleyed Matrix (S4)					unless	s disturbed or problematic.
Postriotivo I	.ayer (if present):						
	ayer (ii present).						
Type:			<u> </u>				
Depth (inch	nes):					Hydric Soil P	Present? Yes X No No
	o soil pit was dug. Pe	r the 1987 d	delineation manual,	hydric soils can be	assumed w	hen a wetland	d is dominated by OBL and FACW species
only.							
HYDROLOG							
-	drology Indicators:					<u>Se</u>	econdary Indicators (2 or more required
Primary Indi	cators (minimum of c	ne required	; check all that apply	/)			Water Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)			_ Sediment Deposits (B2) (Riverine)
High Wa	ater Table (A2)		X Biotic Cru	st (B12)			Drift Deposits (B3) (Riverine)
Saturation	on (A3)		Aguatic Ir	vertebrates (B13)			Drainage Patterns (B10)
	larks (B1) (Nonriver i	ine)		Sulfide Odor (C1)			Dry-Season Water Table (C2)
	nt Deposits (B2) (No			Rhizospheres alon		ots (C3)	Thin Muck Surface (C7)
_	posits (B3) (Nonrive	-		of Reduced Iron (Crayfish Burrows (C8)
_		iiie)		`	,		
	Soil Cracks (B6)	(0.7)		on Reduction in Till	ed Solis (Co		Saturation Visible on Aerial Imagery (C9)
	on Visible on Aerial I	magery (B7)		k Surface (C7)			_ Shallow Aquitard (D3)
Water-S	tained Leaves (B9)		Other (Ex	plain in Remarks)			FAC-Neutral Test (D5)
Field Observ	/ations:						
Surface Water	er Present? Y	es l	No X Depth (incl	nes):			
Water Table			No X Depth (incl		_		
Saturation Pr			No X Depth (incl		— Wotla	nd Hydrolog	y Present? Yes X No
(includes cap		<u> </u>	ino X Depui (inci	ies).	Wella	ilia Hydrolog	gy Fresent: res_X_NO
	orded Data (stream g	lauge monit	toring well aerial ph	otos previous insp	ections) if a	available.	
Describe reco	orded Bata (Stream g	augo, monic	ioning won, dendi pri	otoo, provious map	0000110), 11 0	avallable.	
Remarks: Alti	nough no surface wa	ter was nres	sent at the time of th	e delineation evide	ence of surf	ace soil crack	s and a biotic crust indicate that the area
	and hydrology. Water	•		•			
						-	

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	o Sampling Date: 3.3.20
Applicant/Owner: Pardee Homes				State: CA Sampling Point: 330
Investigator(s): Andrew Smisek, Katy Chappaz		Section,	Township, R	tange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		 Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: (32.55435613	58	Long: -117.022232714 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent si				NWI classification: None
Are climatic / hydrologic conditions on the site typical for		vear? Yes	X No	
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No
Are Vegetation, SoilX, or Hydrology				(If needed, explain any answers in Remarks.)
				·
SUMMARY OF FINDINGS – Attach site map sh	owing sai	mpling poi	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	No			
Hydric Soil Present? Yes X	No		ne Sampled . nin a Wetland	YAS X NA
Wetland Hydrology Present? Yes X	No	— witi	iin a vveuan	<u> </u>
Remarks: The majority of the vegetation on the site ha	s been dist	urbed due to	past land use	es. This feature was sampled during the growing season and
meets the wetland criteria.	o boom diote	andou duo to	paoriana acc	io. The location has sampled dailing the growing section and
VEGETATION – Use scientific names of plants				
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none	70 OOVCI	Орсскоз:	Otatus	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 1 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. <u>none</u>				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species x 1 =
4				FACW species x 2 =
5				FAC species x 3 =
Hards Otractions (Distractions		= Total Cove	er	FACU species x 4 =
Herb Stratum (Plot size:)	0	V	E40\4/	UPL species x 5 =(D)
1. Plantago elongata	8	Yes	FACW	Column Totals:(A)(B)
Deinandra fasciculata Plagiobothrys acanthocarpus	1	No No	— FACU OBL	Prevalence Index = B/A =
			FACW	Hydrophytic Vegetation Indicators:
Lepidium latipes Matricaria discoidea		No No	FACU	' ' ' '
6. Sonchus asper	1	No	FAC	X Dominance Test is >50% Prevalence Index is ≤3.0¹
7. Psilocarphus brevissimus	1	No	FACW	Morphological Adaptations ¹ (Provide supporting
8. Hordeum murinum	1	No	FACU	data in Remarks or on a separate sheet)
o. <u>Horacum mannam</u>	15	= Total Cov		Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)		rotal col		Troblematic rrydrophytic vegetation (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	 er	Hydrophytic
				Vegetation
% Bare Ground in Herb Stratum85	ver of Biotic	Crust		Present? Yes X No No
Remarks: Sample area is a vernal pool that receives ru				
predominately of hydrophytic vegetation, it also supports Psilocarphus brevissimus).	3 three verna	aı pool plant i	ndicator spec	cies (Plantago elongata, Plagiobothrys acanthocarpus, and

Depth	Matrix		Re				_		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks
)-1	10YR 4/2	99	7.5YR 4/4	1	C	RC	clay		
-18	10YR 3/2	100					sandy clay		
	-				· —— -		-	 _	
					· —— -				
	noontration D-Danlatia	- DM-Dadu	ced Matrix, CS=Covered	Lar Castad	Cand Crains	. 2	l continu DI -Da		Root Channel, M=Matrix.
*			LRRs, unless other).			atic Hydric Soils ³ :
•	`	able to all	•		•				•
_ Histoso	pipedon (A2)			edox (S5) Matrix (S				Muck (A9) (LR Muck (A10) (L	
	listic (A3)			/lucky Min				ced Vertic (F18	
	en Sulfide (A4)			Bleyed Ma	. ,			Parent Material	,
_	d Layers (A5) (LRR	C)		d Matrix (F				(Explain in Re	'
	uck (A9) (LRR D)	,		ark Surfa	,			` '	,
	ed Below Dark Surfac	ce (A11)		d Dark Sur	` '				
Thick D	ark Surface (A12)		Redox D	epression	ns (F8)		³ Indicators	of hydrophyti	c vegetation and
Sandy I	Mucky Mineral (S1)		Vernal P	ools (F9)			wetlan	d hydrology m	ust be present,
Sandy (Gleyed Matrix (S4)						unless	disturbed or p	roblematic.
estrictive	Layer (if present):								
_									
Type: Depth (inc emarks: re	edox observed in top hydrophytic vegetat	ion and wet		feature is	a vernal po	ol that is	seasonally por	assumed here	res X No as problematic due to s lack hydric soil indicator
Type:	edox observed in top hydrophytic vegetat d saturation depth, s	ion and wet aline condit	land hydrology. This f	feature is	a vernal po	ol that is	ydric soils are a seasonally por used disturbar	assumed here nded and may nce.	as problematic due to s lack hydric soil indicator
Type:	edox observed in top hydrophytic vegetati d saturation depth, s GY ydrology Indicators	ion and wet aline condit	land hydrology. This to ions, or other factors,	feature is a which ma	a vernal po	ol that is	ydric soils are a seasonally por used disturbar	assumed here nded and may nce. condary India	as problematic due to s lack hydric soil indicator
Type: Depth (incommarks: redicators of the to limited of the total of	edox observed in top hydrophytic vegetat d saturation depth, s GY ydrology Indicators licators (minimum of	ion and wet aline condit	land hydrology. This to ions, or other factors, so therefactors, discount factors, d	feature is a which ma	a vernal po	ol that is	ydric soils are a seasonally por used disturbar	assumed here nded and may nce. condary India Water Marks	as problematic due to s lack hydric soil indicator cators (2 or more requi
Type:	edox observed in top hydrophytic vegetati d saturation depth, s GY ydrology Indicators icators (minimum of w Water (A1)	ion and wet aline condit	land hydrology. This to ions, or other factors, d; check all that apply Salt Crust	feature is a which ma	a vernal po	ol that is	ydric soils are a seasonally por used disturbar	assumed here ided and may ince. condary India Water Marks Sediment De	as problematic due to s lack hydric soil indicator cators (2 or more requi (B1) (Riverine) eposits (B2) (Riverine)
Type: Depth (incommarks: redicators of the to limited of the tolemark) DROLOG of the tolemark of the to	edox observed in top hydrophytic vegetati d saturation depth, s GY ydrology Indicators icators (minimum of w Water (A1) later Table (A2)	ion and wet aline condit	land hydrology. This to ions, or other factors, d; check all that apply Salt Crust Biotic Cru	feature is a which ma	a vernal po ay include h	ol that is	ydric soils are a seasonally por used disturbar	condary India Water Marks Sediment De	as problematic due to s lack hydric soil indicator cators (2 or more requi (B1) (Riverine) posits (B2) (Riverine) s (B3) (Riverine)
Type: Depth (incommarks: redicators of the to limited of the tollow) TDROLOG of the tollow of	edox observed in top hydrophytic vegetati d saturation depth, s GY ydrology Indicators icators (minimum of Water (A1) later Table (A2) ion (A3)	ion and wet aline condit	land hydrology. This to ions, or other factors, d; check all that apply Salt Crust Aquatic Ir	feature is a which ma	a vernal po ay include h	ol that is	ydric soils are a seasonally por used disturbar	condary India Water Marks Sediment De Drift Deposits	as problematic due to s lack hydric soil indicator cators (2 or more requirements) (B1) (Riverine) eposits (B2) (Riverine) s (B3) (Riverine) tterns (B10)
Type: Depth (incommarks: redicators of the to limited of the tollow) TDROLOGY TDROLOGY TURNING TURNING TURNING Surface High W Saturat Water M	edox observed in top I hydrophytic vegetati d saturation depth, s GY ydrology Indicators icators (minimum of Water (A1) Idater Table (A2) ion (A3) Marks (B1) (Nonrive	ion and wet aline condit	land hydrology. This to ions, or other factors,	feature is a which ma	a vernal po ay include h es (B13)	ol that is is uman-ca	ydric soils are a seasonally por used disturbar	condary India Water Marks Sediment De Drift Deposits Drainage Par Dry-Season	as problematic due to s lack hydric soil indicator cators (2 or more requi (B1) (Riverine) cposits (B2) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2)
Type:	edox observed in top I hydrophytic vegetati d saturation depth, s GY ydrology Indicators icators (minimum of Water (A1) Idater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No	ion and wet aline condit : one require rine) onriverine)	land hydrology. This toons, or other factors, d; check all that apply Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized	feature is a which ma	es (B13) Odor (C1) eres along I	ol that is is uman-ca	ydric soils are a seasonally por used disturbar	condary Indice. condary Indice Water Marks Sediment De Drift Deposits Drainage Pa	as problematic due to s lack hydric soil indicator cators (2 or more requi (B1) (Riverine) eposits (B2) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2) urface (C7)
Type: Depth (incommarks: redicators of ue to limite) /DROLOG Vetland Hyprimary Ind Surface High W Saturat Water M Sedime Drift De	edox observed in top I hydrophytic vegetati d saturation depth, s GY ydrology Indicators icators (minimum of Water (A1) later Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No	ion and wet aline condit : one require rine) onriverine)	d; check all that apply Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized Presence	feature is a which many) t (B11) ast (B12) avertebrate a Sulfide C Rhizosphe of Reduc	es (B13) Odor (C1) eres along I	ol that is is uman-ca	ydric soils are a seasonally por used disturbar See oots (C3)	condary India Water Marks Sediment De Drift Deposits Drainage Par Dry-Season	as problematic due to s lack hydric soil indicator cators (2 or more requirements) (B1) (Riverine) (B2) (Riverine) (B3) (Riverine) (B3) (Riverine) (B4) (Water Table (C2) (C7) (C8)
Type: Depth (incommarks: redicators of ue to limite) TOROLOG Vetland Hyprimary Ind Surface High W Saturat Water N Sedime Drift De X Surface	edox observed in top hydrophytic vegetati d saturation depth, s GY ydrology Indicators icators (minimum of water (A1) later Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6)	ion and wet aline condit :: one require rine) porriverine)	d; check all that apply Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ird	feature is a which made which made which made with the which made with the which made with the which will be with the will be with the wh	es (B13) Odor (C1) eres along I ed Iron (C4 tion in Tilled	ol that is is uman-ca	ydric soils are a seasonally por used disturbar See oots (C3)	condary India Water Marks Sediment De Drift Deposits Drainage Par Dry-Season Thin Muck So Crayfish Bun Saturation Vi	as problematic due to s lack hydric soil indicator cators (2 or more requi (B1) (Riverine) posits (B2) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery (
Type:	edox observed in top I hydrophytic vegetati I d saturation depth, s GY ydrology Indicators icators (minimum of Water (A1) Idea (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) tion Visible on Aerial	rine) prriverine) lmagery (B	d; check all that apply Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Iro Thin Muci	feature is a which may y) t (B11) set (B12) nvertebrate a Sulfide C Rhizosphe of Reduct k Surface	es (B13) Door (C1) eres along I ed Iron (C4 tion in Tillec (C7)	ol that is is uman-ca	ydric soils are a seasonally por used disturbar See oots (C3)	condary India Water Marks Sediment De Drift Deposits Drainage Pai Dry-Season Thin Muck Si Crayfish Bun Saturation Vi	as problematic due to s lack hydric soil indicator cators (2 or more requi (B1) (Riverine) posits (B2) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery (itard (D3)
Type:	edox observed in top hydrophytic vegetati d saturation depth, s GY ydrology Indicators icators (minimum of water (A1) later Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6)	rine) prriverine) lmagery (B	d; check all that apply Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ird	feature is a which may y) t (B11) set (B12) nvertebrate a Sulfide C Rhizosphe of Reduct k Surface	es (B13) Door (C1) eres along I ed Iron (C4 tion in Tillec (C7)	ol that is is uman-ca	ydric soils are a seasonally por used disturbar See oots (C3)	condary India Water Marks Sediment De Drift Deposits Drainage Par Dry-Season Thin Muck So Crayfish Bun Saturation Vi	as problematic due to s lack hydric soil indicator cators (2 or more requi (B1) (Riverine) posits (B2) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery (itard (D3)
Depth (incomercial property) Primary Indo Surface High W Saturat Water M Sedime Drift De X Surface Inundat Water-S	edox observed in top hydrophytic vegetati d saturation depth, s GY ydrology Indicators icators (minimum of Water (A1) later Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9)	rine) prriverine) lmagery (B	d; check all that apply Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Iro Thin Muci	feature is a which may y) t (B11) set (B12) nvertebrate a Sulfide C Rhizosphe of Reduct k Surface	es (B13) Door (C1) eres along I ed Iron (C4 tion in Tillec (C7)	ol that is is uman-ca	ydric soils are a seasonally por used disturbar See oots (C3)	condary India Water Marks Sediment De Drift Deposits Drainage Pai Dry-Season Thin Muck Si Crayfish Bun Saturation Vi	as problematic due to s lack hydric soil indicator cators (2 or more requi (B1) (Riverine) posits (B2) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery (itard (D3)
Depth (incomercial property) Primary Indomercial Primary Indomerc	edox observed in top I hydrophytic vegetati d saturation depth, s GY ydrology Indicators icators (minimum of Water (A1) Indicators (A2) Indicators (B2) Indicators (B3) Indicators (B4) Indi	ion and wet aline condit i: one require rine) priverine) Imagery (B	d; check all that apply Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Iro Thin Muci	feature is a which made which made which made with the which made with the which the which will be with the which the which will be with the which	es (B13) Door (C1) eres along I ed Iron (C4 tion in Tillec (C7)	ol that is is uman-ca	ydric soils are a seasonally por used disturbar See oots (C3)	condary India Water Marks Sediment De Drift Deposits Drainage Pai Dry-Season Thin Muck Si Crayfish Bun Saturation Vi	as problematic due to s lack hydric soil indicator cators (2 or more requi (B1) (Riverine) posits (B2) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery (itard (D3)
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Type: Depth (incomercial property) Primary Indo Surface High W Saturat Water N Sedime Drift De X Surface Inundat Water-S ield Obser urface Wat //ater Table aturation P includes ca	edox observed in top I hydrophytic vegetati I d saturation depth, s GY ydrology Indicators icators (minimum of Water (A1) Idea (A2) Idea (A3) Marks (B1) (Nonrive Internation (B3) (Nonrive Internation (B3) (Nonrive Internation (B3) (Nonrive Internation (B3) (Nonrive I Soil Cracks (B6) Ition Visible on Aerial I Stained Leaves (B9) I vations: I er Present? I resent? I resent. I resen	rine) priverine) lmagery (B Yes Yes	land hydrology. This toons, or other factors, d; check all that apply Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ird Thin Mucl Other (Ex No X Depth (inch No X Depth (inch	feature is a which may y) t (B11) st (B12) nvertebrate a Sulfide C Rhizosphe of Reduct k Surface plain in Re nes): nes): nes):	es (B13) Odor (C1) eres along I ed Iron (C4 tion in Tilleo (C7) emarks)	Living Ro) I Soils (C	ydric soils are a seasonally por used disturbar See ots (C3) 6) and Hydrology	condary India Water Marks Sediment De Drift Deposits Drainage Pai Dry-Season Thin Muck Si Crayfish Bun Saturation Vi Shallow Aqui	as problematic due to s lack hydric soil indicator cators (2 or more requi (B1) (Riverine) eposits (B2) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery (itard (D3) Test (D5)
Type: Depth (incomplete incomplete edox observed in top I hydrophytic vegetati I d saturation depth, s GY ydrology Indicators icators (minimum of Water (A1) Idea (A2) Idea (A3) Marks (B1) (Nonrive Internation (B3) (Nonrive I Stained Leaves (B9) I ter Present? I resent?	rine) priverine) lmagery (B Yes Yes	d; check all that apply G; check all that apply Salt Crust X Biotic Cru Aquatic Ir Hydrogen Oxidized I Presence Recent Ir Thin Mucl Other (Ex	feature is a which may y) t (B11) st (B12) nvertebrate a Sulfide C Rhizosphe of Reduct k Surface plain in Re nes): nes): nes):	es (B13) Odor (C1) eres along I ed Iron (C4 tion in Tilleo (C7) emarks)	Living Ro) I Soils (C	ydric soils are a seasonally por used disturbar See ots (C3) 6) and Hydrology	condary India Water Marks Sediment De Drift Deposits Drainage Pai Dry-Season Thin Muck Si Crayfish Bun Saturation Vi Shallow Aqui	as problematic due to s lack hydric soil indicator cators (2 or more requi (B1) (Riverine) eposits (B2) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery (itard (D3) Test (D5)	
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Project/Site: Southwest Village Specific Plan Project		City/C	ounty:San [Diego		Sam	pling Date	3/3/2020)
Applicant/Owner: Pardee Homes					State:CA		pling Poin		
Investigator(s): Beth Procsal and JR Sundberg		Section	n, Township	, Ran	ge:Section 31, T1			<u> </u>	
Landform (hillslope, terrace, etc.): mesa top					onvex, none):conc			Slope (%):0)- 2.
Subregion (LRR):C - Mediterranean California	Lat:32.5				Long:-117.02326			atum:NAD	
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30 pe						ssification:			
Are climatic / hydrologic conditions on the site typical for this		•	es 🕟 🔝	No ((I f no, exp l air				
	gnificantly		_		Normal Circumstanc		,	No	\circ
	aturally pro				eded, explain any a	-		_	
SUMMARY OF FINDINGS - Attach site map s				•	•		•		, etc.
Hydrophytic Vegetation Present? Yes (No									
Hydric Soil Present? Yes No			Is the Sam	pled	Area				
	0		within a W			\sim	No 🔘		
Remarks: The majority of the vegetation on the site has general, has been altered due to off-road act problematic due to the seasonality of their pand early spring months each year. VEGETATION	tivity. Th	ie veg	etation and	hydr	ology of the seas	onal depr	essions/v	vernal poc	ols are
	Absolute	Domi	nant Indicat	or [Dominance Test	worksheet	+-		
			ies? Status		Number of Domina				
1. <i>None</i>			V	▼	That Are OBL, FA			2	(A)
2					Total Number of D	ominant			
3					Species Across Al	l Strata:		2	(B)
4		_	<u> </u>		Percent of Domina		_		
Sapling/Shrub Stratum Total Cover:	: %				That Are OBL, FA	CW, or FA	C: 1	00.0 %	(A/B)
1.None			V	▼	Prevalence Index	workshee	et:		
2.			_		Total % Cover	r of:	Mult	ip l y by:	_
3			<u> </u>	lacksquare	OBL species	1	x 1 =	1	
4					FACW species	4	x 2 =	8	
5	- 0.4				FAC species	4	x 3 =	12	
Total Cover:	%				FACU species UPL species	1	x 4 = x 5 =	4	
1. Psilocarphus brevissimus	4	Yes	FACW		Column Totals:	1 1	(A)	5 30	(B)
2. Plagiobothrys acanthocarpus	<u>·</u>	No	OBL		Column Totals.	11	(A)	30	(D)
3. Hordeum murinum	1	No	FACU		Prevalence I			2.73	
4. Festuca perennis	4	Yes	FAC		Hydrophytic Veg				
5. Glebionis coronaria	1	No	UPL		X Dominance Te				
6.			T	▼	× Prevalence In				
7			<u> </u>		Morphological data in Rer				ing
8.				▼	Problematic H		-	•	1)
Total Cover: Woody Vine Stratum	11 %								
1.None			V		¹ Indicators of hydr	ic soil and	l wetland	hydro l ogy	must
2.					be present.				
Total Cover:	%		<u> </u>	<u> </u>	Hydrophytic				
% Bare Ground in Herb Stratum 89 % % Cover	of Biotic C	Crust	%		Vegetation Present?	Yes (•)	No	\circ	
Remarks: Sample area is a vernal pool that receives		_		mall l					a does
not support a predominance of hydrophyti (Psilocarphus brevissimus and Plagiobothi	c vegetat	tion, it	does supp						a does

SOIL Sampling Point: 331 Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Redox Features Color (moist) Color (moist) Loc² Texture³ (inches) Type¹ \blacksquare \blacksquare \blacksquare \blacksquare \blacksquare \blacksquare \blacksquare \blacksquare ¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix. ²Location: PL=Pore Lining, RC=Root Channel, M=Matrix. 3Soil Textures: Clay, Silty Clay, Sandy Clay, Loam, Sandy Clay Loam, Sandy Loam, Clay Loam, Silty Clay Loam, Silt Loam, Silt, Loamy Sand, Sand. Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils: Histosol (A1) 1 cm Muck (A9) (LRR C) Histic Epipedon (A2) Stripped Matrix (S6) 2 cm Muck (A10) (LRR B) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parent Material (TF2) Depleted Matrix (F3) Other (Explain in Remarks) Stratified Layers (A5) (LRR C) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) ⁴Indicators of hydrophytic vegetation and Sandy Gleyed Matrix (S4) wetland hydrology must be present. Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes 💿 Remarks: Olivenhain cobbly loam soil series is on the Hydric Soils of San Diego County list obtained from the Natural Resource Conservation Service (NRCS; 2020). No soil pit was dug due to the sample point being a potential vernal pool and may support a listed fairy shrimp species. Hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology **HYDROLOGY** Wetland Hydrology Indicators: Secondary Indicators (2 or more required)

Primary Indicators (any one indicator is sufficient)	Water Marks (B1) (Riverine)
Surface Water (A1) Salt Crust (B11)	Sediment Deposits (B2) (Riverine)
High Water Table (A2) Biotic Crust (B12)	Drift Deposits (B3) (Riverine)
Saturation (A3) Aquatic Invertebrates (B13)	Drainage Patterns (B10)
Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1)	Dry-Season Water Table (C2)
Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living	Roots (C3) Thin Muck Surface (C7)
Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4)	Crayfish Burrows (C8)
Surface Soil Cracks (B6) Recent Iron Reduction in Plowed So	oils (C6) Saturation Visible on Aerial Imagery (C9)
Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks)	Shallow Aquitard (D3)
Water-Stained Leaves (B9)	FAC-Neutral Test (D5)
Field Observations:	
Surface Water Present? Yes No Depth (inches):	
Water Table Present? Yes No Depth (inches):	
Saturation Present? Yes No Depth (inches):	W. J. J. J. D. (0. V. C. N. C.
(molause supmary mings)	Wetland Hydrology Present? Yes ● No ○
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspection	ons), if available:
Remarks: Although no surface water was present at the time of the delineation, e	
supports wetland hydrology. Water table level and saturation are not ki	nown as a soil pit was not dug due to the fact that
protocol fairy shrimp surveys were being conducted concurrently.	

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	o Sampling Date: 4/14/2020					
Applicant/Owner: Pardee Homes State: CA Sampling Point: 340									
Investigator(s): Beth Procsal and Anna Leavitt Section, Township, Range: Section 31, T18S R01W									
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2					
Subregion (LRR): C - Mediterranean California	Lat: 3	32.55498		Long: -117.02626 Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: depression					
Are climatic / hydrologic conditions on the site typical fo	r this time of	fyear? Yes	X No	o (If no, explain in Remarks.)					
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No					
Are Vegetation Soil X, or Hydrology	 natura	ally problema	tic?	(If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map sl				s transacts important foatures atc					
	lowing sa		iit iocations	s, transects, important leatures, etc.					
Hydrophytic Vegetation Present? Yes X	_No	_ Is th	ne Sampled	Area					
Hydric Soil Present? Yes X		I	nin a Wetlan	YAS X NA					
Wetland Hydrology Present? Yes X	_No	_							
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and meets the wetland criteria.									
VEGETATION – Use scientific names of plants				I Bandana Tarkanada bark					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:					
1. none				Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)					
2.				Total Number of Dominant					
3				Percent of Dominant Species (B)					
4		= Total Cove		That Are OBL, FACW, or FAC:(A/B)					
Sapling/Shrub Stratum (Plot size:)		- Total Cove	5 1						
1. none				Prevalence Index worksheet:					
2.				Total % Cover of: Multiply by:					
3.				OBL species x 1 =					
4.				FACW species x 2 =					
5.				FAC species x 3 =					
		= Total Cove	er	FACU species x 4 =					
Herb Stratum (Plot size:)				UPL species x 5 =					
Psilocarphus brevissimus	7	Y	FACW	Column Totals: (A)(B)					
2. Deiandra fasciculata	1	N	FACU	Prevalence Index = B/A =					
3. Mesembryanthemum nodiflorum	1	N	FACU_						
4. Lepidium nitidum	1	N	FAC	Hydrophytic Vegetation Indicators:					
5				X Dominance Test is >50%					
6				Prevalence Index is ≤3.0¹					
7				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)					
8	10	= Total Cov							
Woody Vine Stratum (Plot size:)		- 10tai Cov	/ei	Problematic Hydrophytic Vegetation ¹ (Explain)					
1 none				¹ Indicators of hydric soil and wetland hydrology must					
2				be present, unless disturbed or problematic.					
2		= Total Cove		Hydrophytic					
W. David County of the Hart Of the			٠.	Hydrophytic Vegetation					
	ver of Biotic			Present? Yes X No No No No No No No No No No No No No					
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does support									

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	. Matrix	•	Re	dox Feature	es			•
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-18	10YR 3/3	100					sandy clay	no redox
								
¹ Type: C=Cor	ncentration, D=Depletion	RM=Reduced	Matrix CS=Covere	d or Coated S	and Grains	2	ocation: PI =Poi	re Lining, RC=Root Channel, M=Matrix.
	Indicators: (Applica							for Problematic Hydric Soils ³ :
Histosol				Redox (S5)	,			Muck (A9) (LRR C)
	pipedon (A2)			l Matrix (S6)				Muck (A10) (LRR B)
	istic (A3)			Mucky Miner				ed Vertic (F18)
	en Sulfide (A4)			Gleyed Matri				arent Material (TF2)
	d Layers (A5) (LRR C	;)		d Matrix (F3				(Explain in Remarks)
	uck (A9) (LRR D)	,		Dark Surface				/
	d Below Dark Surface	e (A11)		d Dark Surfa	` '			
	ark Surface (A12)	` '		Depressions	` '		³ Indicators	of hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)	. ,			d hydrology must be present,
Sandy G	Gleyed Matrix (S4)			. ,				disturbed or problematic.
Restrictive I	Layer (if present):							
Type:	Layer (ii present).							
· · —	hos):		<u> </u>				Hydric Sail Dr	ocent? Vec V No
Depth (incl							Hydric Soil Pr	resent? Yes X No No
conditions, o	r other factors, which							lue to limited saturation depth, saline
HYDROLOG								
_	/drology Indicators:			,			Sec	condary Indicators (2 or more required)
	cators (minimum of o	ne required;		,				. Water Marks (B1) (Riverine)
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
	ater Table (A2)		Biotic Cru	, ,				Drift Deposits (B3) (Riverine)
X Saturati	on (A3)		Aquatic I	nvertebrates	(B13)			Drainage Patterns (B10)
Water M	/larks (B1) (Nonriver i	ine)		n Sulfide Od				Dry-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphere	es along L	_iving Roo	ots (C3)	Thin Muck Surface (C7)
Drift De	posits (B3) (Nonrive	rine)	Presence	of Reduced	l Iron (C4)		Crayfish Burrows (C8)
Surface	Soil Cracks (B6)		Recent Ir	on Reductio	n in Tilled	Soils (C6	3)	Saturation Visible on Aerial Imagery (C9)
Inundati	ion Visible on Aerial I	magery (B7)	Thin Muc	k Surface (C	27)			Shallow Aquitard (D3)
	Stained Leaves (B9)	. ,		oplain in Rer	-			FAC-Neutral Test (D5)
Field Observ	vations:							-
Surface Water		es X N	lo Depth (inc	has).	1			
Water Table			lo Depth (inc		0	-		
Water rable					0	- Motio	nd Hydrology	Propert? Voc V No
Caturation D			lo Depth (inc	nes)	0	_ wella	nd Hydrology	Present? Yes X No
Saturation Pr	resent? Y	es X N						
(includes cap	resent? Your Pringe)		oring well, aerial ph	otos, previo	us insped	tions). if a	available:	
(includes cap	resent? Y		pring well, aerial ph	notos, previo	us inspec	tions), if a	available:	
(includes cap	resent? Your Pringe)		oring well, aerial ph	notos, previo	us inspec	tions), if a	available:	
(includes cap Describe Rec	resent? Your Pringe)	auge, monito						ydrology.
(includes cap Describe Rec	resent? Yo Dillary fringe) orded Data (stream g	auge, monito						ydrology.
(includes cap Describe Rec	resent? Yo Dillary fringe) orded Data (stream g	auge, monito						ydrology.
(includes cap Describe Rec	resent? Yo Dillary fringe) orded Data (stream g	auge, monito						ydrology.

Project/Site: Southwest Village Specific Plan Project		City/County: San Diego	o / San Diego	Sampling Date: July 13, 2020			
Applicant/Owner: Pardee Homes			State: CA	Sampling Point: 346			
Investigator(s): G. Scheid Section, Township, Range: Imperial Beach Sec. 31 T18S R1W							
Landform (hillslope, terrace, etc.): mesa top Local relief (concave, convex, none): none Slope (%):							
Subregion (LRR): LRR-C	 32.557 dd	Long: -117.029 dd	Datum: NAD83				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes		NWI classification	n: None			
Are climatic / hydrologic conditions on the site typical for				Remarks.)			
Are Vegetation X, Soil , or Hydrology							
Are Vegetation Soil or Hydrology							
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling point locations	s, transects, important	features, etc.			
Hydrophytic Vegetation Present? Yes	No X						
Hydric Soil Present? Yes	Is the Sampled	YAC	No X				
Wetland Hydrology Present? Yes X		— within a Wetland	1? ——				
Remarks: The vegetation at the sample site has been not meet the wetland criteria. VEGETATION – Use scientific names of plants	S.	, , , , , , , , , , , , , , , , , , ,					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Indicator Species? Status	Dominance Test works				
1. none	70 COVEL	_Species!_ Status	Number of Dominant Sports Are OBL, FACW, or				
2.			Total Number of Domina	, ,			
3.			Species Across All Strata				
4.			Percent of Dominant Spe	ecies			
	0	= Total Cover	That Are OBL, FACW, or	r FAC: 0 (A/B)			
Sapling/Shrub Stratum (Plot size:)							
1. none			Prevalence Index work	sheet:			
2			Total % Cover of:	Multiply by:			
3				x 1 =			
4			FACW species				
5			FAC species	x 3 =			
	0	= Total Cover	FACU species	x 4 =			
Herb Stratum (Plot size:)			UPL species	x 5 =			
1. <u>none</u>			Column Totals:	(B)			
2. 3.			Prevalence Index	c = B/A = 0			
			Hydrophytic Vegetation	n Indicators:			
5.			Dominance Test is				
6.			Prevalence Index				
7				aptations ¹ (Provide supporting			
8.				s or on a separate sheet)			
	0	= Total Cover	Problematic Hydro	ophytic Vegetation¹ (Explain)			
Woody Vine Stratum (Plot size:							
1. <u>none</u> 2.			¹ Indicators of hydric soil be present, unless distu	l and wetland hydrology must urbed or problematic.			
		= Total Cover	Hydrophytic				
% Bare Ground in Herb Stratum100 % Co	ver of Biotic		Vegetation Present? Ye	es NoX			
Remarks: Basin does not support vegetation. No verna	I pool indica	tor plants were present wit	thin the basin.				
-							

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Featu	ıres						
(inches)	Color (moist)	%	Color (moist)	%	_Type ¹	Loc ²	Textur	e	Re	marks	
				-							
-											
					·		_				
¹ Type: C=Co	ncentration, D=Depletion	, RM=Reduced	Matrix, CS=Covere	d or Coated	Sand Grains	s. ²	Location: PL=	Pore Lining, F	RC=Root Char	nel, M=Matrix	ζ.
Hydric Soi	I Indicators: (Applica	ble to all LR	Rs, unless other	wise note	ed.)				lematic Hyd		
Histoso	ol (A1)		Sandy F	Redox (S5)		1 cn	n Muck (A9)	(LRR C)		
	pipedon (A2)			d Matrix (S				n Muck (A10			
Black H	listic (A3)		Loamy I	Mucky Mir	eral (F1)		Red	uced Vertic	(F18)		
Hydrog	en Sulfide (A4)		Loamy (Gleyed Ma	atrix (F2)		Red	Parent Mat	terial (TF2)		
Stratifie	ed Layers (A5) (LRR C	·)		d Matrix (F			Othe	er (Explain i	n Remarks)		
	uck (A9) (LRR D)			Dark Surfa							
	ed Below Dark Surface	e (A11)		d Dark Su	, ,		2				
	Oark Surface (A12)			Depression	ns (F8)				ohytic vegeta		
	Mucky Mineral (S1)		Vernal F	Pools (F9)				•	gy must be p	•	
Sandy	Gleyed Matrix (S4)						unies	ss disturbed	or problema	ATIC.	
Restrictive	Layer (if present):										
Type:			_								
Depth (inc	ches):					Hydric Soil	Present?	Yes	No	X	
Remarks: T	he sampled area sup	oorts a predo	minance of upland	d vegetation	n and does	s not mee	t the hydropl	hvtic vegeta	tion standard	d to be cons	idered a
	erefore, no soil pit was						, ,	, ,			
HYDROLO										_	
	ydrology Indicators:						<u> </u>		Indicators (2		equired)
	licators (minimum of o	ne required;							arks (B1) (R	-	
	e Water (A1)		Salt Crus	-			Sediment Deposits (B2) (Riverine)				
	/ater Table (A2)		Biotic Cru	, ,			_	Drift Deposits (B3) (Riverine)			
	tion (A3)		X Aquatic I		. ,		_	Drainage Patterns (B10)			
Water	Marks (B1) (Nonriveri	ne)		n Sulfide C	. ,		_	Dry-Sea	son Water T	able (C2)	
Sedime	ent Deposits (B2) (Nor	rriverine)	Oxidized	Rhizosph	eres along	Living Ro	ots (C3)	Thin Mu	ck Surface (0	27)	
Drift De	eposits (B3) (Nonriver	ine)	Presence	e of Reduc	ed Iron (C	1)	_		Burrows (C8		
X Surface	e Soil Cracks (B6)		Recent Ir	on Reduc	tion in Tille	d Soils (C	6) _	Saturatio	on Visible on	Aerial Imag	ery (C9)
Inunda	tion Visible on Aerial I	magery (B7)	Thin Muc	k Surface	(C7)		_	Shallow	Aquitard (D3	3)	
Water-	Stained Leaves (B9)		Other (Ex	xplain in R	emarks)		_	FAC-Ne	utral Test (D	5)	
Field Obser	rvations:										
		es N	o X Depth (inc	hes).							
Water Table	Present? You	es N	o X Depth (inc	hes)		_					
Saturation F	Present? You	N	o X Depth (inc	hes):		— Wetla	and Hydrolo	av Present	? Yes	X No	
	pillary fringe)	,	o <u>x</u> bopai (iiio			_ '''	and mydrolo	gy 1 1000111	. 100_	<u> </u>	
Describe Red	corded Data (stream g	auge, monito	ring well, aerial ph	notos, prev	ious inspe	ctions), if	available: n/	'a			
	, ,				·	,					
	though no surface wa										
	d saturation are not k							levelopmen	t footprint aft	er the 2019/	2020 wet
season rairy	shrimp surveys were o	onauctea, th	e presence of Sar	וט iego tai	ry snrimp is	s assume	u.				
LIC Army Co	rne of Engineers								14/ Arid	act _ Varcia	n 2 N

US Army Corps of Engineers

Project/Site: Southwest Village Specific Plan Project	City/County: San Diego	/ San Diego Sampling Date: July 13, 2020								
Applicant/Owner: Pardee Homes		State: CA Sampling Point: 347								
Investigator(s): G. Scheid Section, Township, Range: Imperial Beach Sec. 31 T18S R1W										
Landform (hillslope, terrace, etc.): mesa top	Local relief (concave, o	convex, none): none Slope (%): 0-2								
Subregion (LRR): LRR-C	Lat: 32.557 dd	Long: -117.029 dd Datum: NAD83								
Soil Map Unit Name: Huerhuero loam		NWI classification: Depression								
Are climatic / hydrologic conditions on the site typical for this	s time of year? Yes X No	(If no, explain in Remarks.)								
Are Vegetation X, Soil , or Hydrology										
Are Vegetation X, Soil , or Hydrology X										
SUMMARY OF FINDINGS – Attach site map show										
Hydrophytic Vegetation Present? Yes No	X									
Hydric Soil Present? Yes X No	Is the Sampled A	res no a								
Wetland Hydrology Present? Yes X No	within a Wetland	· — —								
Remarks: The vegetation at the sample site has been disturbed due to past land uses. The vegetation and hydrology of the seasonal depression are problematic due to the seasonality of their presence with hydrology restricted to the winter and vegetation to the late winter and early spring months each year. VEGETATION – Use scientific names of plants.										
-	osolute Dominant Indicator	Dominance Test worksheet:								
	Cover Species? Status	Number of Dominant Species								
1. none		That Are OBL, FACW, or FAC: 0 (A)								
2		Total Number of Dominant								
3		Species Across All Strata: 0 (B)								
4	= Total Cover	Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)								
Sapling/Shrub Stratum (Plot size:)										
1. <u>none</u>		Prevalence Index worksheet:								
2		Total % Cover of: Multiply by:								
3		OBL species x 1 =								
4		FACW species x 2 =								
5		FAC species x 3 =								
	= Total Cover	FACU species x 4 =								
Herb Stratum (Plot size:)		UPL species x 5 =(D)								
1. none		Column Totals: (A)(B)								
2. 3.		Prevalence Index = B/A =								
4.		Hydrophytic Vegetation Indicators:								
5.		Dominance Test is >50%								
6		Prevalence Index is ≤3.0 ¹								
7		Morphological Adaptations ¹ (Provide supporting								
8.		data in Remarks or on a separate sheet)								
	0 = Total Cover	Problematic Hydrophytic Vegetation ¹ (Explain)								
Woody Vine Stratum (Plot size:)		residential rigarophysic vegetation (Explain)								
1none		¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.								
	= Total Cover	Hydrophytic Vegetation								
	of Biotic Crust	Present? Yes								
Remarks: Depression does not support vegetation due to lo	ocation within a dirt road. No vernal	pool indicator plants were present within the basin.								

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Features		_				
(inches)	Color (moist)	%	Color (moist)	%Type ¹	Loc ²	Texture	Remarks			
							See below.			
						-				
	·					_				
							- ·			
	centration, D=Depletion,				s. ²		Lining, RC=Root Channel, M=Matrix.			
Hydric Soil	Indicators: (Applica	ble to all LRF	Rs, unless other	wise noted.)		Indicators f	or Problematic Hydric Soils ³ :			
Histosol	(A1)		Sandy F	Redox (S5)		1 cm Mu	ıck (A9) (LRR C)			
Histic Ep	pipedon (A2)		Stripped	Matrix (S6)		2 cm Mu	uck (A10) (LRR B)			
Black Hi	stic (A3)		Loamy N	Mucky Mineral (F1)		Reduce	d Vertic (F18)			
Hydroge	n Sulfide (A4)		Loamy (Gleyed Matrix (F2)		Red Par	rent Material (TF2)			
Stratified	Layers (A5) (LRR C)	Depleted	d Matrix (F3)		X Other (E	xplain in Remarks)			
	ıck (A9) (LRR D)		Redox D	ark Surface (F6)						
Depleted	d Below Dark Surface	(A11)	Depleted	d Dark Surface (F7)						
Thick Da	ark Surface (A12)		Redox D	epressions (F8)		³ Indicators o	f hydrophytic vegetation and			
Sandy M	lucky Mineral (S1)		Vernal F	Pools (F9)		wetland l	hydrology must be present,			
Sandy G	Gleyed Matrix (S4)					unless di	sturbed or problematic.			
Restrictive L	ayer (if present):									
Type:	, , , , , , ,									
Depth (inch			-			Hydric Soil Pres	sent? Yes X No			
			=				es. Hydric soils were assumed to be			
HYDROLOG						0				
_	drology Indicators:			`			ondary Indicators (2 or more required)			
	cators (minimum of or	ne requirea; ci		•			Vater Marks (B1) (Riverine)			
	Water (A1)		Salt Crus				Sediment Deposits (B2) (Riverine)			
	ater Table (A2)		Biotic Cru	` '		Drift Deposits (B3) (Riverine)				
Saturation	, ,			nvertebrates (B13)			Orainage Patterns (B10)			
Water M	larks (B1) (Nonriveri i	ne)	Hydroger	Sulfide Odor (C1)			Ory-Season Water Table (C2)			
Sedime	nt Deposits (B2) (Non	riverine)	Oxidized	Rhizospheres along	Living Ro	ots (C3) T	hin Muck Surface (C7)			
Drift Dep	posits (B3) (Nonriver i	ine)	Presence	of Reduced Iron (C	4)		Crayfish Burrows (C8)			
X Surface	Soil Cracks (B6)		Recent In	on Reduction in Tille	d Soils (C	6) 8	Saturation Visible on Aerial Imagery (C9)			
Inundati	on Visible on Aerial In	nagery (B7)	Thin Muc	k Surface (C7)		s	Shallow Aquitard (D3)			
Water-S	tained Leaves (B9)		Other (E)	plain in Remarks)		F	FAC-Neutral Test (D5)			
Field Observ	rationar					<u> </u>				
Surface Water		na Na	V Donth (inc							
			X Depth (inc	· -	-					
Water Table			X Depth (inc		_		2			
Saturation Pr (includes cap		es No	X Depth (inc	nes):	vvetia	and Hydrology I	Present? Yes X No			
	orded Data (stream ga	auge monitori	ing well aerial nh	otos previous inspe	ctions) if	available: n/a				
Describe Necc	orded Data (Stream go	auge, monitori	ing well, aerial pi	otos, previous irispe	cuons), ii d	avallable. 11/a				
Remarks: Alth	nough no surface wate	er was preser	nt at the time of th	e delineation, evider	nce of surf	ace soil cracks i	ndicate that the area ponds water. Water			
							ave the potential to be present and to			
protect the inte							ter the 2019/2020 wet season fairy			
shrimp survey	• .		•	, ,	л шотолор.					
' '	s were conducted, the		•	, ,		·	·····,			
, ,	s were conducted, the		•	, ,	аотогор.	·	,			

Applicant/Owner: Pardee Homes	083 _ No
Landform (hillslope, terrace, etc.): mesa top Local relief (concave, convex, none): none Slope (%) Subregion (LRR): LRR-C Lat: 32.557 dd Long: -117.029 dd Datum: NAI Soil Map Unit Name: Huerhuero loam Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.) Are Vegetation X, Soil , or Hydrology significantly disturbed? Yes Are "Normal Circumstances" present? Yes X Are Vegetation Soil , or Hydrology naturally problematic? Yes (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No X Hydric Soil Present? Yes No X Wetland Hydrology Present? Yes X No Remarks: The vegetation at the sample site has been disturbed due to past land uses. This feature was sampled during the growing season in not meet the wetland criteria.	083 _ No
Subregion (LRR): LRR-C Lat: 32.557 dd Long: -117.029 dd Datum: NAI Soil Map Unit Name: Huerhuero loam NWI classification: Depression Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.) Are Vegetation X, Soil , or Hydrology significantly disturbed? Yes Are "Normal Circumstances" present? Yes X Are Vegetation , Soil , or Hydrology naturally problematic? Yes (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No X Is the Sampled Area within a Wetland? Yes No X Wetland Hydrology Present? Yes X No This feature was sampled during the growing season and meet the wetland criteria.	083 _ No
Soil Map Unit Name: Huerhuero loam Are climatic / hydrologic conditions on the site typical for this time of year? YesX No (If no, explain in Remarks.) Are VegetationX, Soil, or Hydrology significantly disturbed? YesAre "Normal Circumstances" present? YesX Are Vegetation, Soil, or Hydrology naturally problematic? Yes (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes NoX Hydric Soil Present? Yes NoX Wetland Hydrology Present? Yes NoX within a Wetland? Remarks: The vegetation at the sample site has been disturbed due to past land uses. This feature was sampled during the growing season and meet the wetland criteria.	No
Soil Map Unit Name: Huerhuero loam Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.) Are Vegetation X, Soil , or Hydrology significantly disturbed? Yes Are "Normal Circumstances" present? Yes X Are Vegetation , Soil , or Hydrology naturally problematic? Yes (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No X Is the Sampled Area within a Wetland? Wetland Hydrology Present? Yes X No Tesman Sampled Area within a Wetland? Remarks: The vegetation at the sample site has been disturbed due to past land uses. This feature was sampled during the growing season on the meet the wetland criteria.	
Are Vegetation X, Soil , or Hydrology significantly disturbed? Yes Are "Normal Circumstances" present? Yes X Are Vegetation , Soil , or Hydrology naturally problematic? Yes (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No X Is the Sampled Area within a Wetland? Yes No X Wetland Hydrology Present? Yes X No The vegetation at the sample site has been disturbed due to past land uses. This feature was sampled during the growing season anot meet the wetland criteria.	
Are Vegetation, Soil, or Hydrologynaturally problematic? Yes (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No Is the Sampled Area within a Wetland? Yes No Yes No	
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? YesNoX Hydric Soil Present? Wetland Hydrology Present? YesNoX Wetland Hydrology Present? YesNo YesNoX Remarks: The vegetation at the sample site has been disturbed due to past land uses. This feature was sampled during the growing season anot meet the wetland criteria.	nd does
Hydrophytic Vegetation Present? YesNo _X Is the Sampled Area within a Wetland? YesNo _X No Remarks: The vegetation at the sample site has been disturbed due to past land uses. This feature was sampled during the growing season anot meet the wetland criteria.	nd does
Hydric Soil Present? Yes No X within a Wetland? Yes No X Wetland Hydrology Present? Remarks: The vegetation at the sample site has been disturbed due to past land uses. This feature was sampled during the growing season on the meet the wetland criteria.	ind does
Hydric Soil Present? Yes No X within a Wetland? Yes No X Wetland Hydrology Present? Yes X No within a Wetland? Remarks: The vegetation at the sample site has been disturbed due to past land uses. This feature was sampled during the growing season of not meet the wetland criteria.	ind does
Wetland Hydrology Present? Yes X No Remarks: The vegetation at the sample site has been disturbed due to past land uses. This feature was sampled during the growing season on the meet the wetland criteria.	ind does
not meet the wetland criteria.	and does
VEGETATION – Use scientific names of plants.	
Absolute Dominant Indicator Dominance Test worksheet:	
Tree Stratum (Plot size:)% Cover _Species?Status Number of Dominant Species	
1none That Are OBL, FACW, or FAC:1	(A)
2 Total Number of Dominant Species Across All Strata: 2	(B)
4. Percent of Dominant Species That Are OBL, FACW, or FAC: 50%	(A/B)
Sapling/Shrub Stratum (Plot size:)	
1none Prevalence Index worksheet:	
2. Total % Cover of: Multiply by:	_
3 OBL species x1 = 4 FACW species x 2 =	
4 FACW species x2 = 5. FAC species 20 x3 = 60	_
= Total Cover FACU species x 4 =	_
Herb Stratum (Plot size:) UPL species 60 x 5 = 300	_
1. Deinandra fasciculata 60 Yes UPL Column Totals: 80 (A) 360	(B)
2. Mesembryanthemum nodiflorum 20 Yes FAC Prevalence Index = B/A = 4.5	
3.	
4. Hydrophytic Vegetation Indicators:	
5 Dominance Test is >50% 6. Prevalence Index is ≤3.0¹	
Mambalariael Adaptational / Dravida aur	oorting
8. data in Remarks or on a separate she	
Woody Vine Stratum (Plot size:	olain)
1. Indicators of hydric soil and wetland hydrolog	/ must
# Total Cover Hydrophytic Vegetation Present? Yes No X	
Remarks: No vernal pool indicator plants were present within the basin.	

Profile Desc Depth	cription: (Describe t Matrix	o the depth nee		ent the incention in the incention in the interest in the inte		confirm	the absence	of indicato	rs.)	
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	— Textur	e	Remar	ks
(IIIOIICO)			poloi (moist)		Турс			<u> </u>	rtornar	
							<u> </u>			
	-									
¹ Type: C=Co	ncentration, D=Depletion	n, RM=Reduced M	latrix, CS=Covere	d or Coated	Sand Grain	ns.	² Location: PL=	Pore Lining, R	C=Root Channel,	M=Matrix.
Hydric Soi	I Indicators: (Applic	able to all LRR	s, unless other	rwise note	ed.)				lematic Hydric	
Histoso	`		•	Redox (S5)	•			n Muck (A9)	•	
	pipedon (A2)			d Matrix (S				n Muck (A10		
	listic (A3)			•	,			uced Vertic		
	Black Histic (A3) Loamy Mucky Mineral (F1) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2)							Parent Mate		
	ed Layers (A5) (LRR (~)		ed Matrix (F				er (Explain ir	` ,	
	uck (A9) (LRR D)	•)		Dark Surfa	,			or (Explain II	i itelliaiks)	
	ed Below Dark Surfac	ρ (Δ11)		ed Dark Su						
	ark Surface (A12)	C (A11)		Depressior	, ,		3Indicato	re of hydron	hytic vegetation	and
	Mucky Mineral (S1)			Pools (F9)	13 (1 0)				y must be prese	
	Gleyed Matrix (S4)		venian	- 00is (i-9)					or problematic.	7111,
							unies	ss distuibed	or problematic.	
Restrictive	Layer (if present):									
Type:										
Depth (inc	ches):						Hydric Soil	Present?	Yes	No X
Domarks: T	he sampled area sup	porte a prodomi	inanco of unlan	d vogotatio	n and doo	se not mo	ot the hydroni	ovtic vogotal	tion standard to	ho considered a
	erefore, no soil pit wa						et tile flydiopi	iyiic vegetai	iion standard to	be considered a
wouding. The	ordiord, no don pit wa	o dag ana nyana	o dollo di e riot e	onolacica	to be pies	OTIL.				
HYDROLO	GY									
Wetland H	ydrology Indicators						5	Secondary I	ndicators (2 or	more required)
	licators (minimum of		eck all that app	lv)			_	Water Ma	arks (B1) (River	ine)
	e Water (A1)	zno roquirou, on						_		•
	` '		Salt Crus				_		t Deposits (B2)	
`	ater Table (A2)		X Biotic Cr	, ,			_		osits (B3) (Rive	rine)
Saturat	tion (A3)		X Aquatic l	nvertebrat	es (B13)		_		Patterns (B10)	
Water I	Marks (B1) (Nonrive i	ine)	Hydroge	n Sulfide C	Odor (C1)		_	Dry-Seas	son Water Table	(C2)
Sedime	ent Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living R	toots (C3)	Thin Muc	k Surface (C7)	
Drift De	eposits (B3) (Nonrive	rine)	Presence	e of Reduc	ed Iron (C	4)	_	Crayfish	Burrows (C8)	
X Surface	e Soil Cracks (B6)	,		ron Reduct	,	,	C6)			ial Imagery (C9)
	tion Visible on Aerial	Imagery (R7)		ck Surface		(_		Aquitard (D3)	iai iiiagoi y (oo)
		magery (br)					_			
water-	Stained Leaves (B9)		Other (E	xplain in R	emarks)			FAC-Net	ıtral Test (D5)	
Field Obser	rvations:									
Surface Wat	ter Present?	'es No _	X Depth (inc	ches):						
Water Table		/es No								
Saturation P		es No				— Wet	land Hydrolo	av Present	? Yes X	No
	pillary fringe)					-		g)		
,	corded Data (stream	gauge, monitorir	ng well. aerial p	hotos, prev	ious inspe	ections), i	f available: n/	a		
		,aage,e	.g, a.ca. p	, p		,,		~		
Remarks: Al	though no surface wa	ater was present	at the time of t	he delineat	tion, evide	nce of su	ırface soil crac	ks, a biotic	crust (algae). an	d invertebrate
	that the area ponds									
	opment footprint after									

Project/Site: Southwest Village Specific Plan Project		City/Count	ty: San Dieg	o / San Diego	Sampling	Date: July 13	3, 2020
Applicant/Owner: Pardee Homes				State: CA	A Sampling	Point: <u>349</u>	
Investigator(s): G. Scheid Section, Township, Range: Imperial Beach Sec. 31 T18S R1W							
Landform (hillslope, terrace, etc.): mesa top Local relief (concave, convex, none): none Slope (%): 0-2							
Subregion (LRR): LRR-C	Lat: 3	32.557 dd		Long: -117.028 dd		Datum: NAD	83
Soil Map Unit Name: Huerhuero loam					ication: Depres	ssion	
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, expla	in in Remarks.	.)	
Are Vegetation X, Soil , or Hydrology							No
Are Vegetation , Soil , or Hydrology							
SUMMARY OF FINDINGS – Attach site map sh							
Hydrophytic Vegetation Present? Yes		_ lo th	a Camplad	Aron			
Hydric Soil Present? Yes	No X	is ui	e Sampled in a Wetlan	VΔC	No	X	
Wetland Hydrology Present? Yes X	No	_	a rrodan				
Remarks: The vegetation at the sample site has been not meet the wetland criteria. VEGETATION – Use scientific names of plants		de to past land	1 u3c3. 11113		Turning the grov	- Virig scasorr ar	10 0003
-	Absolute	Dominant	Indicator	Dominance Test w	orksheet:		
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominar			(4)
1. <u>none</u> 2.				That Are OBL, FAC		0	(A)
3				Total Number of Do Species Across All S		2	(D)
				Percent of Dominan			(B)
7.		= Total Cove		That Are OBL, FAC	W, or FAC:	50%	(A/B)
Sapling/Shrub Stratum (Plot size:)							
1. none				Prevalence Index v	worksheet:		
2.				Total % Cover of	of:	Multiply by:	_
3.				OBL species	x 1	=	_
4.				FACW species	x 2	! =	_
5				FAC species	x 3	; =	_
		= Total Cove	r	FACU species	10 x 4	= 40	_
Herb Stratum (Plot size:)				UPL species	20 x 5		
Deinandra fasciculata	20	Yes	UPL	Column Totals:	30 (A)	140	_(B)
Mesembryanthemum nodiflorum 3.	10	Yes	FACU	Prevalence	Index = B/A = 4	7	_
4.				Hydrophytic Veget	tation Indicate	ors:	
5.				Dominance T	est is >50%		
6				Prevalence In	ndex is ≤3.0¹		
7. 8.					al Adaptations ¹ emarks or on a		
	30	= Total Cove	er	Problematic F	- - - - - - - - - - - - - - - - - - -	egetation¹ (Exn	lain)
Woody Vine Stratum (Plot size:)				rrobiomator	1,410,11,110 10	gotation (Exp	iaii,
1. none				¹ Indicators of hydri	ic soil and wetl	and hydrology	must
2.				be present, unless	disturbed or p	roblematic.	
		= Total Cove	r	Hydrophytic Vegetation			
% Bare Ground in Herb Stratum70 % Co	ver of Biotic	Crust		Present?	Yes	NoX	
Remarks: No vernal pool indicator plants were present	within the ba	asin.		·			

Profile Desc Depth	cription: (Describe Matrix	to the depth ne		ent the inc		confirm t	the absence	of indicators.	.)
(inches)	Color (moist)	<u></u> %	Color (moist)	%	Type ¹	Loc ²	– Texture	е	Remarks
(1101100)			Color (Moist)		Турс		_ TOXIGI	<u> </u>	Romano
									<u> </u>
				· ——			_		
¹ Type: C=Co	ncentration, D=Depleti	on, RM=Reduced I	Matrix, CS=Covere	d or Coated	Sand Grain	s. 2	 Location: PL=F	Pore Lining, RC=	Root Channel, M=Matrix.
	Indicators: (Appli								natic Hydric Soils ³ :
Histoso	` • •	ouble to un Enti	•	Redox (S5)	•			n Muck (A9) (L	•
_				d Matrix (S				n Muck (A9) (L	
_	pipedon (A2) listic (A3)			Mucky Min	,			uced Vertic (F	
l ——	` '			-					
	en Sulfide (A4)	C)		Gleyed Ma				Parent Materia	` '
	d Layers (A5) (LRR	(C)		ed Matrix (F	,		Othe	er (Explain in R	temarks)
	uck (A9) (LRR D)	(0.4.4)		Dark Surfac					
	d Below Dark Surfa	ce (A11)		d Dark Sur	, ,		31		
	ark Surface (A12)			Depression	is (F8)				tic vegetation and
	Mucky Mineral (S1)		Vernai i	Pools (F9)					must be present,
Sandy 0	Gleyed Matrix (S4)						unles	ss disturbed or	problematic.
Restrictive	Layer (if present):								
Type:									
Depth (inc	:hes):		_				Hydric Soil	Present?	Yes No X
			-				-		
							et the hydroph	nytic vegetation	n standard to be considered a
wetland. The	erefore, no soil pit w	as dug and nydr	ic soils are not c	onsidered	to be prese	ent.			
HYDROLO	ev.								
1	ydrology Indicator						<u> </u>		licators (2 or more required)
Primary Ind	icators (minimum of	one required; c	heck all that app	ly)				Water Mark	s (B1) (Riverine)
Surface	e Water (A1)		Salt Crus	st (B11)				Sediment D	Peposits (B2) (Riverine)
High W	ater Table (A2)		X Biotic Cr	ust (B12)				Drift Deposi	its (B3) (Riverine)
Saturat	ion (A3)		Aquatic I	nvertebrate	es (B13)		_	 Drainage Pa	atterns (B10)
l ——	Marks (B1) (Nonriv e	erine)		n Sulfide C			_		n Water Table (C2)
	ent Deposits (B2) (N	•		Rhizosphe	, ,	Living Po		Thin Muck S	
l —		-			_	-			
	eposits (B3) (Nonriv	erine)		e of Reduc	-	-	_	Crayfish Bu	
	Soil Cracks (B6)			ron Reduct		d Soils (C			Visible on Aerial Imagery (C9)
Inundat	tion Visible on Aeria	l Imagery (B7)	Thin Mu	ck Surface	(C7)			Shallow Aq	uitard (D3)
Water-S	Stained Leaves (B9))	Other (E	xplain in Re	emarks)			FAC-Neutra	al Test (D5)
Field Obser	vations:								
Surface Wat		Voc. No	X Depth (inc	shoc):					
						-			
Water Table			X Depth (inc			— I			
Saturation P		Yes No	X Depth (inc	ches):		Wetla	and Hydrolo	gy Present?	Yes X No
	pillary fringe)								
Describe Rec	corded Data (stream	gauge, monitor	ıng well, aerial p	notos, prev	ious inspe	ctions), if	available: n/a	а	
						-			
									crust (algae) indicate that the
	<i>r</i> ater. Water table le the 2019/2020 wet								ne project development
nootprint after	u ie zu i aizuzu Wel	ocaoun iany SM	mip aulveys wel	Conducte	o, uie pie:	SCHOOL OF S	oan Diego iai	ry smillip is as	oounicu.

Project/Site: Southwest Village Specific Plan Project		City/Count	ty: San Dieg	o / San Diego	Sampling D	ate: July 13	3, 2020
Applicant/Owner: Pardee Homes				State: CA	Sampling P	oint: 350	
Investigator(s): G. Scheid Section, Township, Range: Imperial Beach Sec. 31 T18S R1W							
Landform (hillslope, terrace, etc.): mesa top Local relief (concave, convex, none): none Slope (%): 0-2							
Subregion (LRR): LRR-C	Lat: 3	32.557 dd		Long: -117.028 dd	С	Datum: NAD8	83
Soil Map Unit Name: Huerhuero loam				NWI classificat	tion: Depressi	on	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain i	in Remarks.)		
Are Vegetation X, Soil , or Hydrology						Yes X	No
Are Vegetation, Soil, or Hydrology							
SUMMARY OF FINDINGS – Attach site map sh							
Hydrophytic Vegetation Present? Yes		_ le th	e Sampled	Area			
	_NoX	I	in a Wetlan	VΔC	No _	X	
Wetland Hydrology Present? Yes X	_No	_					
Remarks: The vegetation at the sample site has been not meet the wetland criteria. VEGETATION – Use scientific names of plants		ue to past land	2 doco. 11110				
T 01 1 (D) 1 :	Absolute	Dominant	Indicator	Dominance Test work	ksheet:		
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant S			(4)
2.				That Are OBL, FACW,		1	(A)
3				Total Number of Domin Species Across All Stra		2	(D)
				Percent of Dominant S			(B)
7.		= Total Cove		That Are OBL, FACW,	or FAC:	50%	(A/B)
Sapling/Shrub Stratum (Plot size:)							
1. none				Prevalence Index wo	rksheet:		
2.				Total % Cover of:	N	Multiply by:	_
3.				OBL species	x 1 =		_
4.				FACW species	x 2 =		_
5				FAC species	x 3 =		_
		= Total Cove	r		0 x 4 =	40	_
Herb Stratum (Plot size:)				· —	5 x 5 =		
Deinandra fasciculata	5	Yes	UPL	Column Totals:1	5 (A)	65	_(B)
Mesembryanthemum nodiflorum 3.	10	Yes	FACU	Prevalence Ind	lex = B/A = <u>4.3</u>		_
4.				Hydrophytic Vegetati	ion Indicators	s :	
5				Dominance Test	t is >50%		
6				Prevalence Inde	x is ≤3.0¹		
7. 8.				Morphological A data in Rema	daptations¹ (P arks or on a se		
	15	= Total Cove	er	Problematic Hyd	drophytic Veas	etation¹ (Exn	lain)
Woody Vine Stratum (Plot size:						(2,4)	,
1.				¹ Indicators of hydric s	oil and wetlan	d hydrology	must
2.				be present, unless dis	sturbed or prob	olematic.	
		= Total Cove	r	Hydrophytic Vegetation			
% Bare Ground in Herb Stratum85	ver of Biotic	Crust		Present?	Yes	NoX	
Remarks: No vernal pool indicator plants were present	within the ba	asin.		.			

	ription: (Describe to Matrix	the depth nee				confirm t	the absence of	indicators.)			
Depth (inches)	Color (moist)		Color (moist)	dox Featu %	Type ¹	Loc ²	- Texture	Remarks			
(IIICHES)	Color (moist)		oloi (moist)		<u>rype</u>	LUC	_ Texture				
							-				
							_				
							_				
1Typo: C=Cor	 ncentration, D=Depletion	PM-Poducod M	atrix CS-Covered	d or Coated	Sand Grains	. 2	l ocation: DI =Por	e Lining, RC=Root Channel, M=Matrix.			
	· · · · · · · · · · · · · · · · · · ·					S.		for Problematic Hydric Soils ³ :			
-	Indicators: (Applica	able to all LKKS						•			
Histoso				Redox (S5) I Matrix (S6				Muck (A9) (LRR C)			
_	pipedon (A2)				luck (A10) (LRR B)						
Black Histic (A3) Loamy Mucky Mineral (F1)								ed Vertic (F18)			
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2)								arent Material (TF2)			
	d Layers (A5) (LRR 0	;)		d Matrix (F	,		Other (Explain in Remarks)			
	uck (A9) (LRR D)			Oark Surfac	` '						
	d Below Dark Surface	e (A11)									
Thick D	Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8)							of hydrophytic vegetation and			
Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9)							wetland	hydrology must be present,			
Sandy 0	Gleyed Matrix (S4)						unless o	disturbed or problematic.			
Restrictive	Layer (if present):										
Type:	Layor (ii procont):										
	h \.						Lhudeia Cail De	tO V N- V			
Depth (inc	nes).						Hydric Soil Pre	esent? Yes No X			
Remarks: T	he sampled area sup	ports a predomi	nance of upland	d vegetatio	n and does	s not mee	t the hydrophyti	ic vegetation standard to be considered a			
wetland. The	erefore, no soil pit was	s dug and hydric	soils are not c	onsidered t	to be prese	ent.					
HYDROLOG											
Wetland Hy	drology Indicators:						Sec	condary Indicators (2 or more required)			
Primary Ind	cators (minimum of c	ne required; che	eck all that appl	y)				Water Marks (B1) (Riverine)			
Surface	Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)			
High W	ater Table (A2)		X Biotic Cru					Drift Deposits (B3) (Riverine)			
Saturat	` '			nvertebrate	es (B13)		Drainage Patterns (B10)				
		ino)									
	Marks (B1) (Nonriver	•		n Sulfide O		5		Dry-Season Water Table (C2)			
	nt Deposits (B2) (No	· ·		Rhizosphe	_	_		Thin Muck Surface (C7)			
l —	posits (B3) (Nonrive	rine)	Presence	of Reduce	ed Iron (C ²	1)		Crayfish Burrows (C8)			
X Surface	Soil Cracks (B6)		Recent Ir	on Reducti	ion in Tille	d Soils (C	6)	Saturation Visible on Aerial Imagery (C9)			
Inundat	ion Visible on Aerial I	magery (B7)	Thin Muc	k Surface	(C7)			Shallow Aquitard (D3)			
Water-S	Stained Leaves (B9)		Other (Ex	oplain in Re	emarks)			FAC-Neutral Test (D5)			
	. ,										
Field Obser			V 5 " "								
Surface Wat		es No_				_					
Water Table		es No_	_ ı								
								Present? Yes X No			
(includes cap	• • • •										
Describe Rec	orded Data (stream g	jauge, monitorin	ıg well, aerial ph	notos, prev	ious inspe	ctions), if	available: n/a				
								and a biotic crust (algae) indicate that the			
						•	•	e added to the project development			
τοotprint after	the 2019/2020 wet s	eason tairy shrir	np surveys wer	e conducte	a, the pres	sence of S	oan Diego fairy	snrimp is assumed.			

Project/Site: Southwest Village Specific Plan Project		City/Count	y: San Dieg	o / San Diego	_Sampling Date:	July 13, 2020					
Applicant/Owner: Pardee Homes State: CA Sampling Point: 351											
Investigator(s): G. Scheid		Section,	Township, R	Range: Imperial Beach Se	ec. 31 T18S R1W	1					
Landform (hillslope, terrace, etc.): mesa top		Local reli	ef (concave,	, convex, none): none	Slop	pe (%): 0-2					
Subregion (LRR): LRR-C	Lat: 3	32.557 dd		Long: -117.028 dd	Datu	m: NAD83					
Soil Map Unit Name: Huerhuero loam					on: Depression						
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in	Remarks.)						
Are Vegetation X, Soil , or Hydrology						x No					
Are Vegetation , Soil , or Hydrology											
SUMMARY OF FINDINGS – Attach site map sh											
Hydrophytic Vegetation Present? Yes		_ le th	e Sampled	Aroa							
	_NoX	I	e Sampleu in a Wetlan	VΔC	NoX	<u> </u>					
Wetland Hydrology Present? Yes X	No	_									
Remarks: The vegetation at the sample site has been not meet the wetland criteria. VEGETATION – Use scientific names of plants		de to past land	4 uses. Triis	Teature was sampled dum	ig the glowing se	eason and does					
-	Absolute	Dominant	Indicator	Dominance Test work	sheet:						
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Sp		4					
2.				That Are OBL, FACW, o		(A)					
3				Total Number of Domin Species Across All Stra		2 (B)					
				Percent of Dominant Sp		(B)					
Ţ		= Total Cove		That Are OBL, FACW,		50% (A/B)					
Sapling/Shrub Stratum (Plot size:)		10101 0010									
1. none				Prevalence Index wor	ksheet:						
2.				Total % Cover of:	Multi	ply by:					
3.				OBL species	x 1 =						
4.				FACW species							
5.				FAC species5	x 3 =	15					
		= Total Cove	r	FACU species	x 4 =						
Herb Stratum (Plot size:)				UPL species5	x 5 =	25					
Deinandra fasciculata	5	Yes	UPL	Column Totals:10	(A)	(B)					
Mesembryanthemum nodiflorum 3	5	Yes	FAC	Prevalence Inde	ex = B/A = 4.0						
4.				Hydrophytic Vegetation	on Indicators:						
5.				Dominance Test	is >50%						
6				Prevalence Index	(is ≤3.0¹						
7. 8.				Morphological Add	laptations¹ (Provi ks or on a separa						
	10	= Total Cove	 er	Problematic Hydr	•	,					
Woody Vine Stratum (Plot size:				robiemade rijar	opiny no vogotani	on (Explain)					
1				¹ Indicators of hydric so	oil and wetland hy	drology must					
2.				be present, unless dist							
		= Total Cove	r	Hydrophytic Vegetation							
% Bare Ground in Herb Stratum85	ver of Biotic	Crust		•	es N	oX					
Remarks: No vernal pool indicator plants were present	within the ba	asin.		1							

Profile Desc Depth	ription: (Describe t Matrix	o the depth ne		ent the inc		confirm t	the absence	of indicator	rs.)
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	– Texture	2	Remarks
(ITICITES)	Coloi (moist)		Color (moist)		Турс		_ Texture	<u> </u>	Remarks
							_		
							_		
							_		
	-						_		
		. <u> </u>							
¹ Type: C=Coi	ncentration, D=Depletion	n, RM=Reduced I	Matrix, CS=Covere	d or Coated	Sand Grain	s. 2	Location: PL=F	Pore Lining, R	C=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applic	able to all LRF	Rs, unless other	wise note	d.)				lematic Hydric Soils ³ :
Histoso				Redox (S5)				n Muck (A9)	•
_	pipedon (A2)			d Matrix (S				n Muck (A10)	
_				uced Vertic (
Black Histic (A3) Loamy Mucky Mineral (F1) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2)								Parent Mate	,
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3)								er (Explain in	` '
	uck (A9) (LRR D)	O)		Dark Surfa	,			n (Explain iii	r remarko)
	` , ` ,	re (A11)			` '				
	Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Depleted Dark Surface (F8)								hytic vegetation and
	Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Redox Depressions (F8) Vernal Pools (F9)								y must be present,
_ ·	Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Vernal Pools (F9)							-	or problematic.
							1	oo alotarboa	or problematic.
_	Layer (if present):								
Type:			_						
Depth (inc	hes):		_				Hydric Soil	Present?	Yes No X
Remarks: T	he sampled area sui	oports a predom	ninance of upland	d vegetatio	n and doe	s not mee	t the hydroph	nvtic vegetat	ion standard to be considered a
	erefore, no soil pit wa						, ,	, 3	
HYDROLOG									
Wetland Hy	drology Indicators	:					<u>s</u>	econdary li	ndicators (2 or more required)
Primary Ind	cators (minimum of	one required; cl	heck all that appl	y)				Water Ma	arks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)				Sediment	t Deposits (B2) (Riverine)
High W	ater Table (A2)		X Biotic Cru	ust (B12)			_	Drift Depo	osits (B3) (Riverine)
Saturati	, ,			nvertebrate	es (B13)		_		Patterns (B10)
	Marks (B1) (Nonrive	rine)		n Sulfide C			_		on Water Table (C2)
l —	nt Deposits (B2) (No	•		Rhizosphe		Living Po	ote (C3)		k Surface (C7)
l —					_	_			, ,
l —	posits (B3) (Nonrive	erine)		of Reduc	•	'	_		Burrows (C8)
	Soil Cracks (B6)			on Reduct		d Soils (C			n Visible on Aerial Imagery (C9)
Inundat	ion Visible on Aerial	Imagery (B7)	Thin Muc	k Surface	(C7)				Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (E	kplain in Re	emarks)		_	FAC-Neu	tral Test (D5)
Field Obser	vations:								
Surface Wat		ves No	X Depth (inc	hes).					
Water Table Present? Yes No X Depth (inches):								D	2 Van V Na
Saturation Present? Yes No _X _Depth (inches): Wetl (includes capillary fringe)								gy Present?	? Yes X No
,	orded Data (stream	gauge monitori	ing well porial st	notoe prov	ioue incoc	ctions) if	available: p/	2	
Describe Red	orded Data (Stream	gauge, monitori	ing well, aerial pr	iolos, prev	ious irispe	cuons), ii a	avallable. 11/3	а	
Remarks: Alt	hough no surface w	ater was presen	nt at the time of the	ne delinest	ion evider	nce of surf	face soil crac	ks and a hio	tic crust (algae) indicate that the
									the project development
	the 2019/2020 wet					•	•		
		•	· •		•		-	•	

Project/Site: Southwest Village Specific Plan Project City/County: San Diego / San Diego Sampling Date: July 13, 2020											
pplicant/Owner: Pardee Homes State: CA Sampling Point: 352											
Investigator(s): G. Scheid		Section,	Township, R	Range: Imperial Beach Sec. 31 T18S R1W							
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	, convex, none): none Slope (%): 0-2							
Subregion (LRR): LRR-C	Lat: 3	32.557 dd		Long: -117.027 dd Datum: NAD83							
Soil Map Unit Name: Huerhuero loam				NWI classification: Depression							
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)							
Are Vegetation X, Soil , or Hydrology _											
				(If needed, explain any answers in Remarks.)							
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	inpling poli	nt locations	s, transects, important leatures, etc.							
Hydrophytic Vegetation Present? Yes X	_No	_ 10.41	a Camplad	Area							
Hydric Soil Present? Yes X	No		ne Sampled . nin a Wetlan	YAS X NO							
Wetland Hydrology Present? Yes X	No	_									
Remarks: The vegetation at the sample site has been disturbed due to past land uses. This feature was sampled during the growing season and meets the wetland criteria.											
VEGETATION – Use scientific names of plants											
VEGETATION – Use scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:							
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species							
1. none				That Are OBL, FACW, or FAC:1(A)							
2				Total Number of Dominant							
3				Species Across All Strata: 1 (B)							
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)							
Sopling/Shrub Stratum /Dlot aizo:		= Total Cove	er								
Sapling/Shrub Stratum (Plot size:) 1. none				Prevalence Index worksheet:							
2				Total % Cover of: Multiply by:							
				OBL species x 1 =							
				FACW species x 2 =							
5.				FAC species x 3 =							
		= Total Cove	er	FACU species x 4 =							
Herb Stratum (Plot size:				UPL species x 5 =							
Psilocarphus brevissimus	60	Yes	FACW	Column Totals: (A)(B)							
2. Deinandra fasciculata	5	No	UPL	Prevalence Index = B/A =							
3				Trevalence mask - Bitt -							
4				Hydrophytic Vegetation Indicators:							
5				X Dominance Test is >50%							
6				Prevalence Index is ≤3.0¹							
7				Morphological Adaptations ¹ (Provide supporting							
8				data in Remarks or on a separate sheet)							
Manda Mine Otrobone (Distriction	65	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)							
Woody Vine Stratum (Plot size:)											
1				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.							
2		'		<u> </u>							
% Bare Ground in Herb Stratum 35 % Co	ver of Biotic	= Total Cove	er	Hydrophytic Vegetation Present? Yes X No							
Remarks: Sample area is a vernal pool that receives ru		-	all local micro								
predominately of hydrophytic vegetation, it does suppor											

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Features			
(inches)	Color (moist)	%	Color (moist)	%Ty	pe ¹ Loc ²	Texture	Remarks
							See below.
-							
¹ Type: C=Con	 centration, D=Depletion	RM=Reduce	d Matrix CS=Covered	I or Coated Sand		² I ocation: PI =Po	ore Lining, RC=Root Channel, M=Matrix.
	Indicators: (Applica				orano.		s for Problematic Hydric Soils ³ :
Histosol		abic to all Li		ledox (S5)			Muck (A9) (LRR C)
	oipedon (A2)			Matrix (S6)			Muck (A10) (LRR B)
Black Hi				/lucky Mineral ((F1)		ced Vertic (F18)
	n Sulfide (A4)			Gleyed Matrix (I			Parent Material (TF2)
	d Layers (A5) (LRR 0	:)		d Matrix (F3)	/		(Explain in Remarks)
	ick (A9) (LRR D)	• /		ark Surface (F	6)	<u></u>	
	d Below Dark Surface	e (A11)		d Dark Surface	,		
	ark Surface (A12)	,		epressions (F8	` '	3Indicators	s of hydrophytic vegetation and
—— Sandy M	lucky Mineral (S1)		Vernal P	ools (F9)	•	wetlan	nd hydrology must be present,
Sandy G	Sleyed Matrix (S4)					unless	disturbed or problematic.
Restrictive I	ayer (if present):						
Type:	ayer (ii present).						
Depth (inch	200).					Hydric Soil P	resent? Yes X No
			_				resent? Yes X No soils were assumed to be present due to
HYDROLOG	SY						
-	drology Indicators:					<u>Se</u>	econdary Indicators (2 or more required)
Primary Indi	cators (minimum of c	ne required;	check all that apply	/)			_Water Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)			_Sediment Deposits (B2) (Riverine)
High Wa	ater Table (A2)		X Biotic Cru	st (B12)			Drift Deposits (B3) (Riverine)
Saturati	on (A3)		Aquatic Ir	vertebrates (B	13)		Drainage Patterns (B10)
— Water M	larks (B1) (Nonriver	ine)	—— Hydroger	Sulfide Odor ((C1)		Dry-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizospheres a	along Living R	Roots (C3)	Thin Muck Surface (C7)
Drift De	oosits (B3) (Nonrive	rine)	Presence	of Reduced Iro	on (C4)		Crayfish Burrows (C8)
_	Soil Cracks (B6)	•	Recent In	on Reduction ir	n Tilled Soils ((C6)	Saturation Visible on Aerial Imagery (C9)
	on Visible on Aerial I	magery (B7)		k Surface (C7)	,	-	Shallow Aquitard (D3)
—— Water-S	tained Leaves (B9)	0 , (,		plain in Remar			FAC-Neutral Test (D5)
				•	<u> </u>		
Field Observ			I. V. Danilla (in al	\			
Surface Wate			No X Depth (incl				
Water Table			No X Depth (incl				5 40 V V V
Saturation Pr (includes cap		es r	No X Depth (incl	nes):	wei	tland Hydrolog	y Present? Yes X No
	orded Data (stream g	ialide monit	oring well serial sh	otos previous	inspections)	if available: n/a	
Describe reco	orded Data (Stream g	jauge, monie	oning well, aerial pri	otos, previous	пореспоно),	ii available. 11/a	
							s and a biotic crust (algae) indicate that the
area ponds wa	ater. Water table leve	el and satura	tion are not known	as a soil pit wa	s not dug. As	these pools wer	re added to the project development
tootprint after	the 2019/2020 wet s	eason fairy s	hrimp surveys were	e conducted, th	e presence of	t San Diego fairy	y shrimp is assumed.

Project/Site: Southwest Village Specific Plan Project		City/Count	ty: <u>San Dieg</u>	o / San Diego	Sampling [Date: July 13	3, 2020				
Applicant/Owner: Pardee Homes State: CA Sampling Point: 353											
Investigator(s): G. Scheid		Section,	Township, R	tange: Imperial Beach S	Sec. 31 T18S [R1W					
Landform (hillslope, terrace, etc.): mesa top		Local reli	ef (concave,	, convex, none): none		Slope (%):	0-2				
Subregion (LRR): LRR-C	Lat: 3	32.557 dd		Long: -117.027 dd	ı	Datum:					
Soil Map Unit Name: Huerhuero loam				NWI classifica		ion					
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No		•						
Are Vegetation X, Soil , or Hydrology						Yes X	No				
Are Vegetation , Soil , or Hydrology											
SUMMARY OF FINDINGS – Attach site map sh											
			it iocation.	s, transects, importa	iii ieatures,	GIC.					
Hydrophytic Vegetation Present? Yes		_ Is th	e Sampled	Area							
	_NoX		in a Wetlan	YAC	No _	X					
Wetland Hydrology Present? Yes X	_No	_									
Remarks: The vegetation at the sample site has been not meet the wetland criteria. VEGETATION – Use scientific names of plants		ue to past land	d uses. This	feature was sampled dui	ring the growin	ng season ar	nd does				
	Absolute	Dominant	Indicator	Dominance Test wor	rksheet:						
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant S	Species						
1none				That Are OBL, FACW	, or FAC:	1	(A)				
2				Total Number of Domi							
3.				Species Across All Str Percent of Dominant S	_	2	(B)				
4				That Are OBL, FACW	•	50%	(A/B)				
Sapling/Shrub Stratum (Plot size:)		= Total Cove	Г		_						
1. none				Prevalence Index wo	orksheet:						
2				Total % Cover of:		Multiply by:					
				OBL species		· · · · · · · · · · · · · · · · · · ·	_				
4.				FACW species		•	_				
5.				FAC species	x 3 =		_				
		= Total Cove	r	FACU species 1	10 x 4 =	40	_				
Herb Stratum (Plot size:)				UPL species3	35 x 5 =	175	_				
1. Brassica nigra	30	Yes	UPL	Column Totals:4	45 (A)	215	(B)				
2. Mesembryanthemum nodiflorum	10	Yes	FACU	Prevalence Inc	dex = B/A = 4.7	,					
3. Deinandra fasciculata	5	No	UPL								
4				Hydrophytic Vegetat	tion Indicator	s:					
5				Dominance Tes	st is >50%						
6				Prevalence Inde							
7. 8.				Morphological A	Adaptations¹ (F arks or on a se						
0	45	= Total Cov				•	•				
Woody Vine Stratum (Plot size:)	45	- Total Cov	EI	Problematic Hyd	aropnytic vege	etation (Exp	iain)				
				¹ Indicators of hydric s	soil and wetlar	nd bydrology	muet				
1				be present, unless di			must				
2		= Total Cove	r	Hydrophytic Vegetation							
% Bare Ground in Herb Stratum55	ver of Biotic	Crust		•	Yes	NoX	_				
Remarks: No vernal pool indicator plants were present	within the ba	asin.		_1							

	ription: (Describe to Matrix	the depth nee				confirm	the absence	e of indic	cators.)
Depth (inches)	Color (moist)	——————————————————————————————————————	Color (moist)	edox Featu %	Type ¹	Loc ²	– Textui	ro	Remarks
(inches)	Color (moist)		zolor (moist)		Type	LOC-	_ Textur	<u>re</u> _	Remarks
							_		
							_		
							_		
							_		
¹ Type: C=Coi	ncentration, D=Depletion	, RM=Reduced M	latrix, CS=Covere	d or Coated	Sand Grain	ıs.	² Location: PL=	Pore Linin	g, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applica	able to all LRR	s, unless other	wise note	d.)		Indicate	ors for Pi	roblematic Hydric Soils ³ :
Histoso				Redox (S5)			1 cr	m Muck (/	A9) (LRR C)
_					A10) (LRR B)				
Histic Epipedon (A2) Black Histic (A3) Stripped Matrix (S6) Loamy Mucky Mineral (F1)								duced Ve	
<u> </u>									Material (TF2)
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LBR C) Depleted Matrix (F3)									` '
Stratified Layers (A5) (LRR C) — Depleted Matrix (F3) 1 cm Muck (A9) (LRR D) — Redox Dark Surface (F6)							Oth	ier (Expia	in in Remarks)
	uck (A9) (LRR D)				, ,				
	Depleted Below Dark Surface (A11) Depleted Dark Surface (F7)								
	Thick Dark Surface (A12) Redox Depressions (F8)							-	Irophytic vegetation and
_ ·	Sandy Mucky Mineral (S1) Vernal Pools (F9)							-	ology must be present,
Sandy 0	Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Vernal Pools (F9)							ss disturt	ped or problematic.
Restrictive	Layer (if present):								
Type:									
	h \						Libraria Cari	I D + 6	No. West
Depth (inc	nes):						Hydric Soil	Present	? Yes No X
Remarks: T	he sampled area sup	ports a predomi	nance of upland	d vegetation	n and doe	s not mee	et the hydrop	hytic veg	etation standard to be considered a
	erefore, no soil pit was						, ,	, 0	
HYDROLOG	ЭΥ								
Wetland Hy	drology Indicators:						5	Seconda	ry Indicators (2 or more required)
_	cators (minimum of c		eck all that appl	v)			•	Water	r Marks (B1) (Riverine)
	Water (A1)		•	,					` ' ' '
	` ,		Salt Crus				_		nent Deposits (B2) (Riverine)
	ater Table (A2)		X Biotic Cru				_		Deposits (B3) (Riverine)
Saturati	on (A3)		Aquatic I	nvertebrat	es (B13)		_	Drain	age Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide C	odor (C1)		_	Dry-S	Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	oots (C3)	Thin N	Muck Surface (C7)
	posits (B3) (Nonrive	•			ed Iron (C	_	` ′ -		ish Burrows (C8)
	Soil Cracks (B6)				tion in Tille	•	-		ation Visible on Aerial Imagery (C9)
		(DZ)				u Solis (C	-		
	ion Visible on Aerial I	magery (B7)		k Surface	. ,		_		ow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	kplain in R	emarks)		_	FAC-	Neutral Test (D5)
Field Obser	vations:								
		as No	V Donth (inc	haa\.					
Surface Wat			X Depth (inc						
Water Table Present? Yes No _X Depth (inches): Saturation Present? Yes No _X Depth (inches): W									
Saturation P	es No	Wetl	and Hydrolo	ogy Pres	ent? Yes X No				
(includes cap	• • • •								
Describe Rec	orded Data (stream g	gauge, monitorir	ng well, aerial ph	notos, prev	ious inspe	ctions), if	available: n	ı/a	
Remarks: Alt	hough no surface wa	ter was present	at the time of th	ne delineat	ion, evider	nce of sur	face soil crad	cks and a	a biotic crust (algae) indicate that the
area ponds w	ater. Water table leve	el and saturation	are not known	as a soil p	it was not	dug. As th	hese pools w	vere adde	ed to the project development
footprint after	the 2019/2020 wet se	eason fairy shrir	mp surveys wer	e conducte	ed, the pre	sence of S	San Diego fa	airy shrim	p is assumed.

Project/Site: Southwest Village Specific Plan Project		City/Count	ty: San Dieg	o / San Diego	Sampling Da	ate: July 13, 2020					
Applicant/Owner: Pardee Homes State: CA Sampling Point: 354											
Investigator(s): G. Scheid		Section,	Township, R	Range: Imperial Beach S	ec. 31 T18S R	1W					
Landform (hillslope, terrace, etc.): mesa top		Local reli	ef (concave,	, convex, none): none	5	Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat: 3	32.557 dd		Long: -117.027 dd	Da	atum: NAD 83					
Soil Map Unit Name: Huerhuero loam				NWI classificat	ion: Depressio	n					
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No		•						
Are Vegetation X, Soil , or Hydrology _		-				res X No					
Are Vegetation , Soil , or Hydrology											
SUMMARY OF FINDINGS – Attach site map sh											
Hydrophytic Vegetation Present? Yes		_ le th	e Sampled	Aroa							
	_NoX	I	e Sampleu in a Wetlan	VΔC	No	X					
Wetland Hydrology Present? Yes X	_No	_									
Remarks: The vegetation at the sample site has been not meet the wetland criteria. VEGETATION – Use scientific names of plants		ue to past land	1 uses. This	reature was sampled dur		- Scason and does					
T 01 1 (D) 1 :	Absolute	Dominant	Indicator	Dominance Test work	ksheet:						
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant S		4 (4)					
1. <u>none</u> 2.				That Are OBL, FACW,		1(A)					
3				Total Number of Domin Species Across All Stra		2 (B)					
				Percent of Dominant S		(B)					
7.		= Total Cove	 r	That Are OBL, FACW,	or FAC:	50% (A/B)					
Sapling/Shrub Stratum (Plot size:)		. 514. 5575									
1. none				Prevalence Index wo	rksheet:						
2.				Total % Cover of:	M	ultiply by:					
3.				OBL species	x 1 = _						
4.				FACW species	x 2 = _						
5				FAC species	x 3 = _						
		= Total Cove	r	FACU species1	0 x 4 = _	40					
Herb Stratum (Plot size:)				'	0 x 5 = _						
1. Brassica nigra	40	Yes	UPL	Column Totals: 5	0 (A) _	(B)					
Deinandra fasciculata	10	Yes	FACU	Prevalence Ind	lex = B/A = <u>4.8</u>						
4.				Hydrophytic Vegetati	on Indicators:						
5.				Dominance Test	t is >50%						
6				Prevalence Inde	x is ≤3.0¹						
7. 8.					daptations¹ (Practice)	ovide supporting parate sheet)					
	50	= Total Cove	 er	Problematic Hyd	•	ŕ					
Woody Vine Stratum (Plot size:				rrobiomado riyo	opriyuo vogos	audii (Explaiii)					
1				¹ Indicators of hydric s	oil and wetland	hydrology must					
2.				be present, unless dis	sturbed or probl	lematic.					
		= Total Cove	r	Hydrophytic Vegetation							
% Bare Ground in Herb Stratum50 % Co	ver of Biotic	Crust		1 0	Yes	NoX					
Remarks: vegetation is not hydrophytic				1							

Profile Desc Depth	ription: (Describe t Matrix	o the depth ne		ent the inc		confirm t	the absence	of indicator	rs.)
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	– Texture	2	Remarks
(ITICITES)	Coloi (moist)		Color (moist)		Турс		_ Texture	<u> </u>	Remarks
							_		
							_		
							_		
	-						_		
		. <u> </u>							
¹ Type: C=Coi	ncentration, D=Depletion	n, RM=Reduced I	Matrix, CS=Covere	d or Coated	Sand Grain	s. 2	Location: PL=F	Pore Lining, R	C=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applic	able to all LRF	Rs, unless other	wise note	d.)				lematic Hydric Soils ³ :
Histoso				Redox (S5)				n Muck (A9)	•
_	pipedon (A2)			d Matrix (S				n Muck (A10)	
_				uced Vertic (
Black Histic (A3) Loamy Mucky Mineral (F1) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2)								Parent Mate	,
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3)								er (Explain in	` '
	uck (A9) (LRR D)	O)		Dark Surfa	,			n (Explain iii	r remarko)
	` , ` ,	re (A11)			` '				
	Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Depleted Dark Surface (F8)								hytic vegetation and
	Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Redox Depressions (F8) Vernal Pools (F9)								y must be present,
_ ·	Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Vernal Pools (F9)							-	or problematic.
							1	oo alotarboa	or problematic.
_	Layer (if present):								
Type:			_						
Depth (inc	hes):		_				Hydric Soil	Present?	Yes No X
Remarks: T	he sampled area sui	oports a predom	ninance of upland	d vegetatio	n and doe	s not mee	t the hydroph	nvtic vegetat	ion standard to be considered a
	erefore, no soil pit wa						, ,	, 3	
HYDROLOG									
Wetland Hy	drology Indicators	:					<u>s</u>	econdary li	ndicators (2 or more required)
Primary Ind	cators (minimum of	one required; cl	heck all that appl	y)				Water Ma	arks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)				Sediment	t Deposits (B2) (Riverine)
High W	ater Table (A2)		X Biotic Cru	ust (B12)			_	Drift Depo	osits (B3) (Riverine)
Saturati	, ,			nvertebrate	es (B13)		_		Patterns (B10)
	Marks (B1) (Nonrive	rine)		n Sulfide C			_		on Water Table (C2)
l —	nt Deposits (B2) (No	•		Rhizosphe		Living Po	ote (C3)		k Surface (C7)
l —					_	_			, ,
l —	posits (B3) (Nonrive	erine)		of Reduc	•	'	_		Burrows (C8)
	Soil Cracks (B6)			on Reduct		d Soils (C			n Visible on Aerial Imagery (C9)
Inundat	ion Visible on Aerial	Imagery (B7)	Thin Muc	k Surface	(C7)				Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (E	kplain in Re	emarks)		_	FAC-Neu	tral Test (D5)
Field Obser	vations:								
Surface Wat		ves No	X Depth (inc	hes).					
Water Table Present? Yes No X Depth (inches):								Duana a mat	2 Van V Na
Saturation Present? Yes No _X _Depth (inches): Wetl (includes capillary fringe)								gy Present?	? Yes X No
,	orded Data (stream	gauge monitori	ing well porial st	notoe prov	ioue incoc	ctions) if	available: p/	2	
Describe Red	orded Data (Stream	gauge, monitori	ing well, aerial pr	iolos, prev	ious irispe	cuons), ii a	avallable. 11/3	а	
Remarks: Alt	hough no surface w	ater was presen	nt at the time of the	ne delinest	ion evider	nce of surf	face soil crac	ks and a hio	tic crust (algae) indicate that the
									the project development
	the 2019/2020 wet					•	•		
		•	· •		•		-	•	

Project/Site: Southwest Village Specific Plan Project		City/Count	y: San Dieg	o / San Diego	Sampling Date: July 13, 2020						
Applicant/Owner: Pardee Homes State: CA Sampling Point: 355											
Investigator(s): G. Scheid		Section,	Township, R	Range: Imperial Beach Se	ec. 31 T18S R1W						
Landform (hillslope, terrace, etc.): mesa top		Local reli	ef (concave,	, convex, none): none	Slope (%): 0-2						
Subregion (LRR): LRR-C	Lat: 3	32.557 dd		Long: -117.027 dd	Datum: NAD83						
Soil Map Unit Name: Huerhuero loam					on: Depression						
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain ir	n Remarks.)						
Are Vegetation X, Soil , or Hydrology											
Are Vegetation Soil , or Hydrology	 natura	ally problemati	c? Yes	(If needed, explain any an	swers in Remarks.)						
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poin	t location	s, transects, importan	nt features, etc.						
Hydrophytic Vegetation Present? Yes		_ le th	e Sampled	Area							
	_NoX	I	in a Wetlan	YΔC	NoX						
Wetland Hydrology Present? Yes X	_No	_									
Remarks: The vegetation at the sample site has been not meet the wetland criteria. VEGETATION – Use scientific names of plants		ue to past iant	. TIIIO		ig the growing season that does						
T 01 1 (D) 1 :	Absolute	Dominant	Indicator	Dominance Test work	sheet:						
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Sp							
2				That Are OBL, FACW, o	• • • • • • • • • • • • • • • • • • • •						
3				Total Number of Domin Species Across All Stra							
				Percent of Dominant Sp							
T		= Total Cove	 r	That Are OBL, FACW, o	or FAC: 50% (A/B)						
Sapling/Shrub Stratum (Plot size:)											
1. none				Prevalence Index wor	ksheet:						
2.				Total % Cover of:	Multiply by:						
3.				OBL species	x 1 =						
4				FACW species	x 2 =						
5				FAC species	x 3 =						
		= Total Cove	r		x 4 =160						
Herb Stratum (Plot size:)				UPL species	x 5 =						
1. Deinandra fasciculata	30	Yes	FACU	Column Totals: 40	(A) <u>160</u> (B)						
Mesembryanthemum nodiflorum 3.	10	Yes .	FACU	Prevalence Inde	ex = B/A = <u>4.0</u>						
4				Hydrophytic Vegetation	on Indicators:						
5				Dominance Test	is >50%						
6				Prevalence Index	< is ≤3.0¹						
7. 8.					daptations¹ (Provide supporting rks or on a separate sheet)						
	40	= Total Cove	er	Problematic Hvdr	rophytic Vegetation¹ (Explain)						
Woody Vine Stratum (Plot size:)					1, 3						
1				¹ Indicators of hydric sc	oil and wetland hydrology must						
2.				be present, unless dist	turbed or problematic.						
		= Total Cove	r	Hydrophytic Vegetation							
	ver of Biotic			Present? Y	es No_X						
Remarks: No vernal pool indicator plants were present	within the ba	asin.									

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ires				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	e Remarks	
									—
							-		
							_		—
									_
									—
1						2,			—
	centration, D=Depletion,					S. 7		Pore Lining, RC=Root Channel, M=Matrix.	
Hydric Soil	Indicators: (Applica	ble to all LRI	Rs, unless other	vise note	d.)		Indicator	rs for Problematic Hydric Soils ³ :	
Histosol	(A1)		Sandy R	edox (S5)			1 cm	Muck (A9) (LRR C)	
Histic Ep	ipedon (A2)		Stripped	Matrix (S	6)		2 cm	Muck (A10) (LRR B)	
Black Hi	stic (A3)		Loamy M	lucky Min	eral (F1)			uced Vertic (F18)	
— Hydroge	n Sulfide (A4)			Sleyed Ma				Parent Material (TF2)	
	Layers (A5) (LRR C)		l Matrix (F				er (Explain in Remarks)	
	ck (A9) (LRR D)	,		ark Surfa	,			(=:4::::::)	
	Below Dark Surface	(Δ11)		l Dark Su	` '				
	ark Surface (A12)	(7(1)		epression			3Indicator	rs of hydrophytic vegetation and	
				•	15 (1 0)				
	lucky Mineral (S1)		vemai P	ools (F9)				nd hydrology must be present,	
Sandy G	ileyed Matrix (S4)						uniess	s disturbed or problematic.	
Restrictive L	.ayer (if present):								
Type:									
Depth (inch	nec).		_				Hydric Soil F	Present? Yes No X	
Depti (ilici			_				i iyunc oon i	rieseit: res No_X	-
HYDROLOG	Ϋ́								
	drology Indicators:						94	econdary Indicators (2 or more require) (he
_		ao roquirod: a	hook all that apply	٨			<u> </u>		<u>,u,</u>
	cators (minimum of or	ie required, d						Water Marks (B1) (Riverine)	
	Water (A1)		Salt Crust					Sediment Deposits (B2) (Riverine)	
High Wa	iter Table (A2)		X Biotic Cru	st (B12)				Drift Deposits (B3) (Riverine)	
Saturation	on (A3)		Aquatic In	vertebrate	es (B13)			Drainage Patterns (B10)	
— Water M	larks (B1) (Nonriveri	ne)	—— Hydrogen	Sulfide C	dor (C1)			Dry-Season Water Table (C2)	
	nt Deposits (B2) (Non				eres along l	Livina Ro	ots (C3)	Thin Muck Surface (C7)	
		-		•	ed Iron (C4	-		Crayfish Burrows (C8)	
	oosits (B3) (Nonriver	111 6)			,	,		_ , , ,	,O,
	Soil Cracks (B6)				ion in Tilled	Soils (C	o) <u> </u>	Saturation Visible on Aerial Imagery (C	,9)
Inundati	on Visible on Aerial Ir	nagery (B7)	Thin Muc		. ,			Shallow Aquitard (D3)	
Water-S	tained Leaves (B9)		Other (Ex	plain in R	emarks)			FAC-Neutral Test (D5)	
Field Observ	rations:								
		no Na	a V Danth (inch						
Surface Wate			Depth (inch			_			
Water Table			Depth (inch			_			
Saturation Pr	esent? Ye	sNo	Depth (inch	nes):		_ Wetla	ind Hydrolog	gy Present? Yes X No	_
(includes cap	illary fringe)								
Describe Reco	orded Data (stream ga	auge, monitor	ring well, aerial ph	otos, prev	ious inspec	ctions), if a	available: n/a	a	
								ks and a biotic crust (algae) indicate that t	ihe
								ere added to the project development	
footprint after	the 2019/2020 wet se	ason fairy sh	rimp surveys were	conducte	ed, the pres	sence of S	San Diego fair	ry shrimp is assumed.	

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: <u>San Dieg</u>	o / San Diego	Sampling [Date: July 13	3, 2020				
Applicant/Owner: Pardee Homes State: CA Sampling Point: 356 Investigator(s): G. Scheid Section, Township, Range: Imperial Beach Sec. 31 T18S R1W											
Investigator(s): G. Scheid		Section,	Township, R	Range: Imperial Beach	Sec. 31 T18S	R1W					
Landform (hillslope, terrace, etc.): mesa top		Local reli	ef (concave,	, convex, none): none		Slope (%):	0-2				
Subregion (LRR): LRR-C	Lat: 3	32.557 dd		Long: -117.027 dd		Datum: NAD	83				
Soil Map Unit Name: Huerhuero loam				NWI classifica	ation: Depress	sion					
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain	in Remarks.)						
Are Vegetation X, Soil , or Hydrology							No				
Are Vegetation Soil , or Hydrology	 natura	ally problemat	ic? Yes	(If needed, explain any a	answers in Re	marks.)					
SUMMARY OF FINDINGS – Attach site map sh											
Hydrophytic Vegetation Present? Yes		le th	e Sampled	Aroa							
	_NoX		in a Wetlan	YAC	No	X					
Wetland Hydrology Present? Yes X	_No	_									
Remarks: The vegetation at the sample site has been not meet the wetland criteria. VEGETATION – Use scientific names of plants		ac to past fam	4 4363. 11113	reature was sampled du							
-	Absolute	Dominant	Indicator	Dominance Test wo	rksheet:						
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant			(4)				
1. <u>none</u> 2.				That Are OBL, FACW		1	(A)				
3				Total Number of Dom Species Across All St		3	(D)				
				Percent of Dominant	-	<u></u>	(B)				
7.		= Total Cove	er	That Are OBL, FACW	, or FAC:	33%	(A/B)				
Sapling/Shrub Stratum (Plot size:)											
1. none				Prevalence Index wo	orksheet:						
2.				Total % Cover of:		Multiply by:	_				
3.				OBL species	x 1 =	=	_				
4.				FACW species	x 2 =	=	_				
5				FAC species	10 x 3 =	=30	_				
		= Total Cove	r	FACU species	x 4 =	=	_				
Herb Stratum (Plot size:)				· —	25 x 5 =						
Deinandra fasciculata	15	Yes	UPL	Column Totals:	35 (A)	155	(B)				
2. Mesembryanthemum nodiflorum	10	Yes	FAC	Prevalence Inc	dex = B/A = <u>4.</u> 4	4	_				
3. Glebionis coronaria	10	Yes	UPL								
4				Hydrophytic Vegeta		'S:					
5. 6.				Dominance Tes							
7				Prevalence Ind		Dravida auna	ortina				
8.				Morphological A	arks or on a s						
·	35	= Total Cov	 er	Problematic Hy		•	•				
Woody Vine Stratum (Plot size:			·.	i robicinatio riy	diopilytic veg	ctation (Exp	iairi)				
1				¹ Indicators of hydric	soil and wetla	nd hvdroloav	must				
2.				be present, unless d							
		= Total Cove	r	Hydrophytic Vegetation		-					
	ver of Biotic			Present?	Yes	NoX					
Remarks: No vernal pool indicator plants were present	within the ba	asin.									

Depth	cription: (Describe t Matrix			edox Featur	es			-
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
								See below.
		·						
	-	· — —					-	
				·				
		. <u> </u>						
								_
								_
¹ Type: C=Cc	ncentration, D=Depletio	n, RM=Reduced I	Matrix, CS=Covere	d or Coated S	Band Grains.	² L	ocation: PL=Pore	Lining, RC=Root Channel, M=Matrix.
Hydric Soi	I Indicators: (Applic	able to all LRF	s, unless other	wise noted	i.)		Indicators f	or Problematic Hydric Soils ³ :
Histoso	l (A1)		Sandv I	Redox (S5)	•		1 cm Mı	uck (A9) (LRR C)
	pipedon (A2)			d Matrix (S6)			uck (A10) (LRR B)
_	listic (A3)			Mucky Mine				d Vertic (F18)
	en Sulfide (A4)			Gleyed Mat				rent Material (TF2)
	ed Layers (A5) (LRR	C)		d Matrix (F3				Explain in Remarks)
	luck (A9) (LRR D)	-,		Dark Surfac	,		55. (2	
	ed Below Dark Surfac	ce (A11)		d Dark Surf	. ,			
	Park Surface (A12)	···/		Depressions			³ Indicators of	of hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)	(- (-)			hydrology must be present,
	Gleyed Matrix (S4)			00.0 (. 0)				isturbed or problematic.
								·
	Layer (if present):							
Type:			=					
Depth (inc	ches):						Hydric Soil Pre	sent? Yes No X
HYDROLO	GY							
Wetland H	ydrology Indicators	:					Seco	ondary Indicators (2 or more require
	licators (minimum of		neck all that app	ly)				Vater Marks (B1) (Riverine)
	e Water (A1)	1 /	Salt Crus					Sediment Deposits (B2) (Riverine)
	/ater Table (A2)		X Biotic Cr					Orift Deposits (B3) (Riverine)
•	` '			nvertebrate	o (D12)			. , , , ,
	tion (A3)	·············			,			Orainage Patterns (B10)
	Marks (B1) (Nonrive			n Sulfide Od		. 5		Ory-Season Water Table (C2)
	ent Deposits (B2) (No	•			res along Li	ving Roo		Thin Muck Surface (C7)
	eposits (B3) (Nonrive	erine)		e of Reduce				Crayfish Burrows (C8)
	e Soil Cracks (B6)				on in Tilled S	Soils (C6		Saturation Visible on Aerial Imagery (C
Inunda	tion Visible on Aerial	Imagery (B7)	Thin Mu	ck Surface (C7)		\$	Shallow Aquitard (D3)
Water-	Stained Leaves (B9)		Other (E	xplain in Re	marks)		F	FAC-Neutral Test (D5)
Field Obse	rvations:							
		res No	_X_Depth (inc	:hes)·				
Water Table			Depth (inc			•		
Saturation F			Depth (inc			Wotlar	nd Hydrology	Present? Yes X No
	pillary fringe)	NO	Dерш (шс	, iles)		. Wellai	ia Hydrology	rieseiit: TesX_NO
`	corded Data (stream	gauge monitori	ng well aerial p	hotos previo	ous inspecti	ons) if a	vailable [.] n/a	
Describe Rec		J		, piovi	opoou	_/ , u		
Describe Rec								
Describe Rec								
Remarks: Al	•	•					ce soil cracks a	and a biotic crust (algae) indicate that t
Remarks: Al	though no surface wa vater. Water table lev	•					ce soil cracks a	and a biotic crust (algae) indicate that the
Remarks: Al	•	•					ce soil cracks a	and a biotic crust (algae) indicate that t
Remarks: Al	•	•					ce soil cracks a	and a biotic crust (algae) indicate that t

Project/Site: Southwest Village Speci	fic Plan		City/C	ounty: San Dieg	o, CA	Sampling Date:	March 19, 2018
Applicant/Owner: Pardee Homes					State: C	A Sampling Point	: 357-WET
Investigator(s): Beth Procsal, Jamie S	Sue McBee		Secti	on, Township, R	Range: Section 31, T	18S R01W	
Landform (hillslope, terrace, etc.): me	sa top		 Loca	relief (concave	, convex, none): cond	cave Slop	pe (%): 0-2
Subregion (LRR): LRR-C		Lat:	32.56		Long: -117.02	 Datu	m: NAD83
Soil Map Unit Name: Stockpen grave						fication: None	
Are climatic / hydrologic conditions on	the site typical fo	or this time o	f year? Y	es X No	o (If no, expla	ain in Remarks.)	
Are Vegetation X, Soil							s X No
<u> </u>					(If needed, explain an		
SUMMARY OF FINDINGS – Atta	_						
Hydrophytic Vegetation Present?	Yes	No X					
Hydric Soil Present?	Yes		'	s the Sampled within a Wetlan	VΔC	NoX	<u> </u>
Wetland Hydrology Present?	Yes	No X	_ '	vicinii a vvedan	u:		
VEGETATION – Use scientific r	-	Absolute	Dominal		Dominance Test v	worksheet:	
Tree Stratum (Plot size:)	% Cover	Species	? Status	Number of Domina		
1					That Are OBL, FAC		(A)
3					Species Across All		(B)
4		_	· 		Percent of Dominal	•	(A/B)
Capling/Chrub Stratum (Dlot aiza)	,		= Total C	over	mat Ale OBE, I Ac		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Sapling/Shrub Stratum (Plot size: _					Prevalence Index	workshoot:	
1					Total % Cover		ply by:
3.					OBL species	x 1 =	· · · · · · · · · · · · · · · · · · ·
4.					FACW species		
5.							
			= Total C	over	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
1			· - <u></u>		Column Totals:	(A)	(B)
2. 3.					Prevalence	Index = B/A =	
4.					Hydrophytic Vege	etation Indicators:	
5.						Test is >50%	
6.					Prevalence I	ndex is ≤3.0¹	
7						al Adaptations¹ (Provi emarks or on a separa	
			= Total	Cover		Hydrophytic Vegetation	,
Woody Vine Stratum (Plot size:)						
1						ric soil and wetland hy s disturbed or problen	
2		0	= Total C	cover	Hydrophytic	_	<u> </u>
% Bare Ground in Herb Stratum	% C	over of Biotic	Crust	0	Vegetation Present?	Yes N	oX
Remarks: This area lacks vegetation	cover				1		

SOIL Sampling Point: 357-WET

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix	•	Re	dox Featu	res			•	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Rema	rks
0-4	10YR 3/2	100					sandy clay	no redox; concrete +	leaf litter
4-18	7.5YR 3/3	100	_				sandy clay	no redox	_
1 -10	7.011(0/0						Salidy day		
							-		
¹ Type: C=Coi	ncentration, D=Depletion	, RM=Reduced	Matrix, CS=Covered	d or Coated	Sand Grains	S. 2	Location: PL=Pc	re Lining, RC=Root Channe	I, M=Matrix.
Hydric Soil	Indicators: (Applica	able to all LRF	Rs, unless other	wise note	d.)		Indicators	for Problematic Hydric	: Soils³:
Histoso	I (A1)		Sandy F	Redox (S5)			1 cm l	Muck (A9) (LRR C)	
Histic E	pipedon (A2)		Stripped	Matrix (Se	6)		2 cm l	Muck (A10) (LRR B)	
Black H	istic (A3)		Loamy N	Aucky Min	eral (F1)		Reduc	ed Vertic (F18)	
Hydroge	en Sulfide (A4)			Sleyed Ma			Red P	arent Material (TF2)	
	d Layers (A5) (LRR (;)		d Matrix (F	,		Other	(Explain in Remarks)	
	uck (A9) (LRR D)			ark Surfac	` '				
	d Below Dark Surface	e (A11)		d Dark Sur	` ,		31 11 1		
	ark Surface (A12)			epression	ıs (F8)			of hydrophytic vegetatio	
	Mucky Mineral (S1) Gleyed Matrix (S4)		vernai F	Pools (F9)				d hydrology must be pres disturbed or problematic	
							uniess	disturbed or problematic	•
	Layer (if present):								
Type:			_						
Depth (inc	hes):		_				Hydric Soil P	resent? Yes	NoX
Remarks: n	o hydric soil indicator	s observed							
	•								
LIVEROL O									
HYDROLOG									
_	drology Indicators:			,			<u>Se</u>	condary Indicators (2 o	
	icators (minimum of c	ne required; c		,				Water Marks (B1) (Rive	•
	Water (A1)		Salt Crus					Sediment Deposits (B2)	• ,
	ater Table (A2)		Biotic Cru	, ,				Drift Deposits (B3) (Rive	,
	ion (A3)			nvertebrate	` '			_Drainage Patterns (B10	•
	Marks (B1) (Nonriver	-		n Sulfide O				Dry-Season Water Tabl	
	ent Deposits (B2) (No	•			eres along	_	ots (C3)	Thin Muck Surface (C7)	
Drift De	posits (B3) (Nonrive	rine)	Presence	of Reduc	ed Iron (C4	·)		Crayfish Burrows (C8)	
Surface	Soil Cracks (B6)		Recent In	on Reduct	ion in Tilled	d Soils (Co	6)	Saturation Visible on Ae	erial Imagery (C9)
	ion Visible on Aerial I	magery (B7)		k Surface				Shallow Aquitard (D3)	
Water-S	Stained Leaves (B9)		Other (Ex	oplain in Re	emarks)			FAC-Neutral Test (D5)	
Field Obser	vations:								
Surface Wat	er Present? Y	es No	X Depth (incl	nes):					
Water Table			X Depth (incl			_			
Saturation P			X Depth (incl			- 1	and Hydrology	/ Present? Yes	No X
(includes cap	pillary fringe)								
Describe Rec	corded Data (stream g	auge, monitor	ing well, aerial ph	otos, prev	ious inspe	ctions), if a	available: n/a		
Remarks: no	sufficient signs of we	tland hydrolog	v observed						
. Comano. 110	Samoioni signs of We	aana nyarolog	, 55551 VOU						

Project/Site: Southwest Village Specific	Plan		City/Co	unty: San Dieg	o, CA	Sampling Date	March 19, 2018
Applicant/Owner: Pardee Homes					State: C	CA Sampling Point	:: 358-WET
Investigator(s): Beth Procsal, Jamie Su	e McBee		Sectio	n, Township, R	Range: Section 31, T	18S R01W	
Landform (hillslope, terrace, etc.): mesa	a top		Local ı	relief (concave	, convex, none): cond	cave Slo	pe (%): 0-2
Subregion (LRR): LRR-C		Lat:	 32.56		Long: <u>-117.02</u>	 Datu	m: NAD83
Soil Map Unit Name: Stockpen gravell						ification: None	
Are climatic / hydrologic conditions on the	he site typical fo	or this time of	year? Ye	es X No	o (If no, expl	ain in Remarks.)	
Are Vegetation X, Soil ,							s X No
Are Vegetation, Soil,	_						
SUMMARY OF FINDINGS – Attac							
Hydrophytic Vegetation Present?	Yes				· · · ·	·	
Hydric Soil Present?		No X	13	the Sampled	VΔ	s No >	(
Wetland Hydrology Present?	Yes X		_ w	ithin a Wetlan	ď?		
does not meet the wetland criteria. VEGETATION – Use scientific na	imes of plant		Denvis	hadi akan	- Daminana Task		
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?		Number of Domina		
1					That Are OBL, FA		(A)
2. 3.					Total Number of D Species Across All		(B)
					Percent of Domina	ant Species	, , ,
T			= Total Co	ver	That Are OBL, FA	CW, or FAC:	(A/B)
Sapling/Shrub Stratum (Plot size:)						
1					Prevalence Index	worksheet:	
2					Total % Cover	r of: Multi	ply by:
3		· <u> </u>			OBL species		
4					FACW species		
5							
	,		= Total Co	ver	_	x 4 =	
Herb Stratum (Plot size:)				UPL species		(D)
1					Column Totals:	(A)	(B)
2. 3.					Prevalence	e Index = B/A =	
4.					Hydrophytic Vege	etation Indicators:	
5					Dominance	Test is >50%	
6					Prevalence	Index is ≤3.0 ¹	
7. 8.						cal Adaptations¹ (Provi temarks or on a separ	
	`		= Total C	over	Problematic	Hydrophytic Vegetati	on¹ (Explain)
Woody Vine Stratum (Plot size:1)				¹ Indicators of hvd	lric soil and wetland hy	/drology must
2.						s disturbed or problen	
		0	= Total Co	ver	Hydrophytic Vegetation	_	
% Bare Ground in Herb Stratum		over of Biotic	Crust	0	Present?	Yes N	loX
Remarks: this area lacks vegetation co	ver						

SOIL Sampling Point: 358-WET

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix	•	Re	dox Featu	ıres			,		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	
0-4	10YR 4/3	100					sandy clay	no redox		
4-10	10YR 4/4	100					sandy clay	no redox		
							-			
			_							
					. <u></u> .					
	ncentration, D=Depletion					s. ²		ore Lining, RC=Root		
_	Indicators: (Applica	ble to all LR			•			for Problemation	-	3:
Histosol				Redox (S5				Muck (A9) (LRR (
	pipedon (A2)			Matrix (S	,			Muck (A10) (LRR	В)	
	istic (A3) en Sulfide (A4)			Mucky Mir Gleyed Ma				ced Vertic (F18) arent Material (TI	F2)	
	d Layers (A5) (LRR C	;)		d Matrix (F				(Explain in Rema		
	uck (A9) (LRR D)	,		ark Surfa	,				,	
Deplete	d Below Dark Surface	e (A11)	Depleted	d Dark Su	rface (F7)					
	ark Surface (A12)			epression	ns (F8)			of hydrophytic ve	•	
	Mucky Mineral (S1)		Vernal F	Pools (F9)				d hydrology must		
Sandy C	Gleyed Matrix (S4)						uniess	disturbed or prob	nematic.	
	Layer (if present):									
	ovel refusal (boulder)		_							
Depth (inc	hes): <u>10</u>		_				Hydric Soil Pi	resent? Yes	No	X
HYDROLOG	ЭΥ									
_	drology Indicators:						<u>Se</u>	condary Indicate		required)
	cators (minimum of c	ne required;	check all that appl	y)				_Water Marks (B		
	Water (A1)		Salt Crus	, ,				_Sediment Depos	. , .	rine)
	ater Table (A2)		Biotic Cru		(5.10)			_Drift Deposits (B		
Saturati	,			nvertebrat	` '			_Drainage Patter		
	Marks (B1) (Nonriver	,	Hydroger		. ,	Livina Do	-to (C2)	_Dry-Season Wa	, ,	
	nt Deposits (B2) (No posits (B3) (Nonrive)				eres along æd Iron (C4	-	ols (C3)	Thin Muck Surfa Crayfish Burrow	` '	
	Soil Cracks (B6)	iiie)			tion in Tille		6)	_Craylish bullow Saturation Visibl	` ,	agery (CQ)
	ion Visible on Aerial I	magery (B7)	Thin Muc			2 00113 (0		Shallow Aquitare		agery (OO)
	Stained Leaves (B9)		Other (Ex		-			FAC-Neutral Te		
Field Obser	. ,							_		
Surface Water		es N	lo X Depth (incl	nes).						
Water Table			lo X Depth (incl			_				
Saturation P			lo X Depth (incl			— Wetla	and Hydrology	y Present? Y	es X No	
(includes cap			· `							
Describe Rec	orded Data (stream g	auge, monito	oring well, aerial ph	otos, prev	ious inspe	ctions), if	available: n/a			
Remarks: sui	rface soil cracking ob	served								
	-									
	os of Fngineers								id West – Vers	i 0 0
								۸۰		

Project/Site: Southwest Village Specific Plan	City/County: San D	Diego, CA Sampling Date: March 19, 2018
Applicant/Owner: Pardee Homes		State: CA Sampling Point: 359-WET
Investigator(s): Beth Procsal, Jamie Sue McBee	Section, Townshi	p, Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top	Local relief (conc	ave, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 32.56	Long: -117.02 Datum: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 30-50%		NWI classification: None
Are climatic / hydrologic conditions on the site typical for	or this time of year? Yes X	No (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology	significantly disturbed? Ye	es Are "Normal Circumstances" present? Yes X No
		es (If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map s	showing sampling point locat	ions, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X	
Hydric Soil Present? Yes	No X Is the Samp	YAS NO X
Wetland Hydrology Present? Yes X	_No	iunu:
vegetation – Use scientific names of plant	ts. Absolute Dominant Indicat	or Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover Species? Statu	
		That Are OBL, FACW, or FAC:(A)
2. 3.		Total Number of Dominant Species Across All Strata: (B)
4.		Percent of Dominant Species
	= Total Cover	That Are OBL, FACW, or FAC:(A/B)
Sapling/Shrub Stratum (Plot size:		
1		Prevalence Index worksheet:
2		Total % Cover of: Multiply by:
3		OBL species x 1 =
4		FACW species x 2 =
5		FAC species x 3 =
Harb Christian (Distains)	= Total Cover	FACU species x 4 =
Herb Stratum (Plot size:)		UPL species x 5 = Column Totals: (A) (B)
		Column Totals (A)(B)
3.		Prevalence Index = B/A =
4.		Hydrophytic Vegetation Indicators:
5.		Dominance Test is >50%
6.		Prevalence Index is ≤3.0¹
7. 8.		Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
<u></u>	= Total Cover	Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)	Troblematio riydrophytic vegetation (Explain)
1.	· 	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2		_ ' ' '
9/ Para Cround in Harb Stratum 9/ C	0 = Total Cover	Hydrophytic Vegetation Propert2 Veg
	over of Biotic Crust 0	Present? Yes No X
Remarks: this area lacks vegetation cover		

SOIL Sampling Point: 359-WET

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Features		_	
(inches)	Color (moist)	%	Color (moist)	%Type	e ¹ Loc ²	Texture	Remarks
0-12	10YR 4/3	100				sandy clay	no redox; rock + organic
12-18	10YR 3/1	100				sandy clay	no redox; asphalt, debris, fill soil
	-						
	-					-	
	-					-	-
						-	·
	·					<u> </u>	
4							
	oncentration, D=Depletion	-			Grains. ²		Lining, RC=Root Channel, M=Matrix.
	il Indicators: (Appli	cable to all L					or Problematic Hydric Soils ³ :
Histoso	Epipedon (A2)			edox (S5) Matrix (S6)			ck (A9) (LRR C) ck (A10) (LRR B)
	Histic (A3)			Nath (00) lucky Mineral (F	:1)		Vertic (F18)
	gen Sulfide (A4)			Gleyed Matrix (F			ent Material (TF2)
	ed Layers (A5) (LRR	(C)	Depleted	Matrix (F3)	•	Other (E	xplain in Remarks)
	luck (A9) (LRR D)			ark Surface (F6	•		
	ed Below Dark Surfa	ce (A11)		Dark Surface (I		2	
	Dark Surface (A12)			epressions (F8)			f hydrophytic vegetation and
	Mucky Mineral (S1) Gleyed Matrix (S4)		vemaiP	ools (F9)			nydrology must be present, sturbed or problematic.
<u> </u>						unicss di	starbed of problematic.
	Layer (if present):						
Type: Depth (inc	abaa):		<u>—</u>			Hydric Soil Pres	sent? Yes No X
Deput (inc			_			Trydric 30ii Fres	sent? Yes No X
HYDROLO						0	
	ydrology Indicators		, abadi all that anni	۸			ndary Indicators (2 or more required)
	dicators (minimum of	one required					Vater Marks (B1) (Riverine)
	e Water (A1) Vater Table (A2)		Salt Crust Biotic Cru	, ,			rediment Deposits (B2) (Riverine)
	tion (A3)			รเ (ธา <i>z)</i> ivertebrates (B1	3)		rift Deposits (B3) (Riverine) rainage Patterns (B10)
	Marks (B1) (Nonrive	erine)		Sulfide Odor (C	,		ry-Season Water Table (C2)
	ent Deposits (B2) (N	•		Rhizospheres al	•		hin Muck Surface (C7)
	eposits (B3) (Nonriv	-		of Reduced Iron		` ' —	crayfish Burrows (C8)
_	e Soil Cracks (B6)	,	Recent Iro	on Reduction in	Tilled Soils (Co		aturation Visible on Aerial Imagery (C9)
	tion Visible on Aeria	I Imagery (B7) Thin Mucl	k Surface (C7)		s	hallow Aquitard (D3)
Water-	Stained Leaves (B9))	X Other (Ex	plain in Remark	s)	F	AC-Neutral Test (D5)
Field Obser	rvations:						
		Yes	No X Depth (inch	nes):			
Water Table	e Present?	Yes	No X Depth (inch	nes):			
Saturation F	Present? apillary fringe)	Yes	No X Depth (inch	nes):	Wetla	ind Hydrology F	Present? Yes No
,	corded Data (stream	gauge, monit	toring well. aerial ph	otos, previous ir	nspections). if a	available: n/a	
	(. gg-,	- -	,	/,		
Domortio			ootuvo lo kriisiin tii ii	and often make	ronto althacad	. no ourf	arusa abaansad at the times of this
Remarks, St.	info oo ooil ana alsa al-				COURT SITE OF ICE	LUO SUITACE WATE	ar was onserved at the time of this
	urface soil cracks ob	servea. This to	eature is known to p	ond after failt ev	rents, annough	The sander wat	or was observed at the time of the
survey.	urface soil cracks ob	servea. This to	eature is known to p	ond alter failt ev	rents, annougi	The surface water	or was observed at the time of this
	urface soil cracks ob	servea. Inis t	eature is known to p	ond alter faill ev	renis, annougi	The surface was	of was observed at the time of the
	urface soil cracks ob	servea. I nis t	eature is known to p	ond alter failt ev	renis, airiougi	The surface was	or was observed at the time of this

Project/Site: Southwest Village Specific Plan		City/Count	ty: <u>San Dieg</u>	o, CA	_Sampling Date	e: March 19, 2018
Applicant/Owner: Pardee Homes				State: CA	_Sampling Poir	nt: 361-WET
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local reli	ef (concave,	convex, none): concave	Sle	ope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.56		Long: -117.02	Dat	um: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 30-50%				NWI classificati		
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	o (If no, explain ir	n Remarks.)	
Are Vegetation X, Soil , or Hydrology				· <u></u>		es X No
Are Vegetation, Soil, or Hydrology _	 natura	ally problemat	ic? Yes	(If needed, explain any an	swers in Remar	ks.)
SUMMARY OF FINDINGS – Attach site map si	howing sa	mpling poir	nt location	s, transects, importar	nt features, et	c.
Hydrophytic Vegetation Present? Yes			- Commission	A		
Hydric Soil Present? Yes	No X	15 11	e Sampled in a Wetlan	VΔC	No	X
Wetland Hydrology Present? Yes X	No	_ '''	iii a woaan	u.		
does not meet the wetland criteria. VEGETATION – Use scientific names of plant:	s.					
	Absolute	Dominant	Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant S		
1				That Are OBL, FACW,		(A)
				Total Number of Domin Species Across All Stra		0 (D)
				Percent of Dominant S		(B)
T		= Total Cove		That Are OBL, FACW,		0 (A/B)
Sapling/Shrub Stratum (Plot size:)		10101 0010				
1.				Prevalence Index wor	ksheet:	
2.				Total % Cover of:	Mul	tiply by:
3.				OBL species	x 1 =	
4.				FACW species	x 2 =	
5				FAC species		
		= Total Cove	r	FACU species		
Herb Stratum (Plot size:)				UPL species		
1. Mesembryanthemum nodiflorum	3	N	FACU	Column Totals:	(A)	(B)
2. 3.				Prevalence Inde	ex = B/A =	
4.				Hydrophytic Vegetation	on Indicators:	
5.				Dominance Test		
6.				Prevalence Index		
7				Morphological Addata in Rema	daptations¹ (Pro rks or on a sepa	
<u></u>		= Total Cov	 er	Problematic Hyd	·	,
Woody Vine Stratum (Plot size:)				i robicinatio riya	Tophytic vegetal	Jon (Explain)
1				¹ Indicators of hydric so	oil and wetland h	nydrology must
2.				be present, unless dis		
	0	= Total Cove	r	Hydrophytic Vegetation		
% Bare Ground in Herb Stratum % Co	over of Biotic	Crust	0	, ,	'es I	NoX
Remarks: Vegetation cover is less than 5% and compr	ised of uplar	nd plants.		1		

SOIL Sampling Point: 361-WET

(inches) 0-12			0 1	Redox Feature						
0-12	Color (moist)		Color (moist)		Type ¹	Loc ²	Textu		Remarks	
	10YR 4/3	100					sandy cla loam	ay no	o redox	
				_						
										—
1 _{Type:} C=Ce	 ncentration, D=Depletion		d Matrix CS-Covo	arod or Coatod S	Cand Grains	21	ocation: DI	-Poro Lipir	ng, RC=Root Channel, M=Matrix.	
	Indicators: (Applica								roblematic Hydric Soils ³ :	
Histosol				Redox (S5)	,				A9) (LRR C)	
	pipedon (A2)			ed Matrix (S6)				A10) (LRR B)	
	istic (A3)			y Mucky Mine				duced Ve		
<u> </u>	en Sulfide (A4)			y Gleyed Matr	. ,				Material (TF2)	
	d Layers (A5) (LRR C	;)		ted Matrix (F3			Oth	her (Expla	iin in Remarks)	
	uck (A9) (LRR D) d Below Dark Surface	- (Δ11)		x Dark Surface ted Dark Surfa	` '					
	ark Surface (A12)	, (, (, 1,)		x Depressions	` ,		³ Indicat	tors of hyd	drophytic vegetation and	
	Mucky Mineral (S1)			l Pools (F9)	,			-	ology must be present,	
Sandy (Gleyed Matrix (S4)						unle	ess disturl	bed or problematic.	
Restrictive I	Layer (if present):									
Type: sho	ovel refusal (cobble)									
Depth (incl	hes): <u>12</u>						Hydric So	il Present	? Yes No _X	(
	3 \ /									
Wetland Hy	drology Indicators:								ry Indicators (2 or more requ	uired
Wetland Hy Primary Indi	drology Indicators:			•				Wate	r Marks (B1) (Riverine)	
Wetland Hy Primary Indi Surface	rdrology Indicators: icators (minimum of o Water (A1)		Salt Cr	ust (B11)				Wate	r Marks (B1) (Riverine) ment Deposits (B2) (Riverine)	
Wetland Hy Primary Indi Surface High Wa	vdrology Indicators: icators (minimum of o Water (A1) ater Table (A2)		Salt Cr Biotic 0	ust (B11) Crust (B12)	(D40)			Wate Sedir Drift [r Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine)	
Wetland Hy Primary Indi Surface High Wa	vdrology Indicators: icators (minimum of o Water (A1) ater Table (A2) on (A3)	ne required;	Salt Cr Biotic 0 Aquatio	ust (B11) Crust (B12) c Invertebrates	, ,			Wate Sedir Drift [r Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) lage Patterns (B10)	
Wetland Hy Primary Indi Surface High Water Mater	rdrology Indicators: icators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver	ne required;	Salt Cr Biotic (Aquatio	ust (B11) Crust (B12) c Invertebrates gen Sulfide Oc	lor (C1)	iving Roo		Wate Sedir Drift [Drain Dry-S	r Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) sage Patterns (B10) Geason Water Table (C2)	
Primary Indi Surface High Water M Sedime	rdrology Indicators: icators (minimum of of the Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverint Deposits (B2) (Noriverint Deposits (B2) (B2) (B2) (B2) (B2) (B2) (B2) (B2)	ne required; ine) nriverine)	Salt Cr Biotic (Aquatic Hydrog Oxidize	ust (B11) Crust (B12) c Invertebrates gen Sulfide Oc ed Rhizospher	lor (C1) res along l	-		Wate Sedir Drift I Drain Thin I	r Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) mage Patterns (B10) Season Water Table (C2) Muck Surface (C7)	
Primary Indi Surface High Water IN Sedime Drift De	rdrology Indicators: icators (minimum of of of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriverint Deposits (B2) (Nonrivering posits (B3)	ne required; ine) nriverine)	Salt Cr Biotic C Aquatic Hydrog Oxidize	ust (B11) Crust (B12) c Invertebrates gen Sulfide Oc ed Rhizospher nce of Reduce	lor (C1) res along l d Iron (C4)	ots (C3)	Wate Sedir Drift I Drain Dry-S Thin I Crayf	r Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) tage Patterns (B10) Season Water Table (C2) Muck Surface (C7) fish Burrows (C8)	
Wetland Hy Primary Indi Surface High Water N Sedime Drift De X Surface	rdrology Indicators: icators (minimum of of the Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverint Deposits (B2) (Noriverint Deposits (B2) (B2) (B2) (B2) (B2) (B2) (B2) (B2)	ne required; ine) nriverine) rine)	Salt Cr Biotic C Aquatio Hydrog Oxidize Presen Recent	ust (B11) Crust (B12) c Invertebrates gen Sulfide Oc ed Rhizospher ace of Reduce t Iron Reduction	lor (C1) res along l d Iron (C4 on in Tilled)	ots (C3)	Wate Sedir Drift I Drain Dry-S Thin I Crayf	r Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) nage Patterns (B10) Season Water Table (C2) Muck Surface (C7) fish Burrows (C8) ration Visible on Aerial Imagery	
Wetland Hy Primary Indi Surface High Water N Sedime Drift De X Surface Inundat	rdrology Indicators: icators (minimum of of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriverint Deposits (B2) (Nonrivering Soil Cracks (B6)	ne required; ine) nriverine) rine)	Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent	ust (B11) Crust (B12) c Invertebrates gen Sulfide Oc ed Rhizospher nce of Reduce	dor (C1) res along I d Iron (C4 on in Tilled C7))	ots (C3)	Wate Sedir Drift I Drain Dry-S Thin Crayf Satur Shall	r Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) tage Patterns (B10) Season Water Table (C2) Muck Surface (C7) fish Burrows (C8)	
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Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	o Sampling Date: 4/12/2021
Applicant/Owner: Tri Point Homes				State: CA Sampling Point: 363
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.557578128	83	Long: -117.018587553 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl	opes			NWI classification: none
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No
Are Vegetation , Soil X, or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important features, etc.
	No			
	No		ne Sampled	YAS X NO
Wetland Hydrology Present? Yes X	No	— witr	nin a Wetlan	d? ———
meets the wetland criteria.		urbed due to p	past land use	es.This feature was sampled during the growing season and
VEGETATION – Use scientific names of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species
1. none				That Are OBL, FACW, or FAC:1(A)
2				Total Number of Dominant Species Across All Strata:
				Percent of Dominant Species 2 (B)
*		= Total Cove		That Are OBL, FACW, or FAC:(A/B)
Sapling/Shrub Stratum (Plot size:)		10101 0010	- 1	
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species15 x 1 =15
4.				FACW species 0 x 2 = 0
5.				FAC species1 x 3 =3
		= Total Cove	er	FACU species13 x 4 =52
Herb Stratum (Plot size:)				UPL species1 x 5 =5
Plagiobothrys acanthocarpus	15	Yes	OBL	Column Totals:30 (A)75(B)
2. Erodium botrys	10	Yes	FACU	Prevalence Index = B/A = 2.5
3. Hordeum murinum	3	No No	FACU	
4. Bromus madritensis	1	No	UPL	Hydrophytic Vegetation Indicators:
5. Festuca perennis	1	No	FAC	Dominance Test is >50%
6.				X Prevalence Index is ≤3.0¹
7. 8.	·			Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
0	30	= Total Cov	/or	·
Woody Vine Stratum (Plot size:)		- Total Cov	CI	Problematic Hydrophytic Vegetation¹ (Explain)
1 none				¹ Indicators of hydric soil and wetland hydrology must
				be present, unless disturbed or problematic.
Z		= Total Cove	er	Hydrophytic
	ver of Biotic			Vegetation Present? Yes X No No No No No No No No No No No No No
Remarks: Sample area is a vernal pool that receives ru				
predominately of hydrophytic vegetation, it also supports	one vernal	pool plant in	dicator speci	es (Plagiobothrys acanthocarpus).

(Inches)							
(inches)	Color (moist)	%	Color (moist)	%Type¹	Loc ²	Texture	Remarks
0-18	10YR 4/3					sandy clay	no redox
							-
					·		•
Type: C=Cor	centration, D=Depletion	on, RM=Reduc	ed Matrix, CS=Covere	ed or Coated Sand Gra	ins. ² Lo	cation: PL=Pore	Lining, RC=Root Channel, M=Matrix.
ydric Soil	Indicators: (Appli	cable to all L	RRs, unless othe	rwise noted.)		Indicators fo	or Problematic Hydric Soils ³ :
Histosol	` '			Redox (S5)			ck (A9) (LRR C)
_	oipedon (A2)			d Matrix (S6)			ck (A10) (LRR B)
	stic (A3)			Mucky Mineral (F1)			Vertic (F18)
_ , ,	en Sulfide (A4) d Layers (A5) (LRR	C \		Gleyed Matrix (F2)			ent Material (TF2)
	uck (A9) (LRR D)	C)		ed Matrix (F3) Dark Surface (F6)		Other (E	xplain in Remarks)
	d Below Dark Surfa	ce (A11)		ed Dark Surface (F7	١		
	ark Surface (A12)	00 (/ (/)		Depressions (F8)	,	3Indicators of	hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)			ydrology must be present,
Sandy G	Gleyed Matrix (S4)		<u>—</u>	` '			sturbed or problematic.
	aver (if present).						
estrictive I	aver or bresenn:						
_	_ayer (ii present):						
Type: Depth (includer) emarks: Notetland hydronic	nes): o redox features ob	is a vernal po	ool that is seasonall	ly ponded and may	problematic o		dicators of hydrophytic vegetation are to limited saturation depth, saline
Type: Depth (includer includer inc	nes): o redox features ob ology. This feature r other factors, which	is a vernal po	ool that is seasonall	ly ponded and may	problematic o	due to strong in	dicators of hydrophytic vegetation ar
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Type:	o redox features ob ology. This feature r other factors, which are research (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (Nonrive soil Cracks (B6) ion Visible on Aeria Stained Leaves (B9) vations: er Present? Present? porded Data (stream	is a vernal point in may includ in may includ in may includ in may includ in may includ in may includ in may includ in may include in may inc	col that is seasonalle human-caused de human-c	bly) st (B11) rust (B12) Invertebrates (B13) en Sulfide Odor (C1) d Rhizospheres alon ee of Reduced Iron (claron Reduction in Til ck Surface (C7) explain in Remarks) ches): ches): ches):	g Living Root C4) ed Soils (C6) Wetlan	Seco Seco Seco Seco Seco Seco Seco Seco	idicators of hydrophytic vegetation are to limited saturation depth, saline andary Indicators (2 or more required vater Marks (B1) (Riverine) and the discount of the discou

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	Sampling Date: 4/12	2/2021
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 364	
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	ange: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55748120	07	Long: -117.018594826	Datum: NA	4D83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl	lopes			NWI classificatio	n: none	
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstance		. No
Are Vegetation Soil X, or Hydrology				(If needed, explain any ans	wers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	features, etc.	
Hydrophytic Vegetation Present? Yes X	No	_ le t	he Sampled .	Aroa		
Hydric Soil Present? Yes X	No		hin a Wetlan	YAC X	No	
Wetland Hydrology Present? Yes X	No	_				
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sample	ed during the growing	season and
Control Cont	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Sp That Are OBL, FACW, o		(A)
2.				Total Number of Domina Species Across All Strate	ant	. ,
3				Percent of Dominant Spe		(B)
4		= Total Cov	or.	That Are OBL, FACW, o		(A/B)
Sapling/Shrub Stratum (Plot size:)		- Total Cov	CI			
1 none				Prevalence Index work	sheet:	
2.				Total % Cover of:	Multiply by	:
3.				OBL species	x 1 =	
4.				FACW species		
5.				FAC species	•	
		= Total Cov	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
Lythrum hyssopifolia	30	Yes	OBL	Column Totals:	(A)	(B)
2. Festuca perennis	5	No	FAC	Prevalence Index	x = B/A =	
3. Bromus madritensis	1	No	UPL			
4. Mesembryanthemum nodiflorum	1	No	FACU	Hydrophytic Vegetation		
5. Spergularia bocconi	1	No	FACW	X Dominance Test is		
6. Plagiobothrys acanthocarpus	1	No	OBL	Prevalence Index		
7. 8.					aptations¹ (Provide su ks or on a separate sh	
	39	= Total Co	ver	Problematic Hydro	ophytic Vegetation¹ (E	Explain)
Woody Vine Stratum (Plot size:)						
1. <u>none</u> 2.				¹ Indicators of hydric soi be present, unless dist		
		= Total Cov	er	Hydrophytic Vegetation		
% Bare Ground in Herb Stratum 61 % Cor Remarks: Sample area is a vernal pool that receives ru	ver of Biotic		all local micro	Present? Ye		
predominately of hydrophytic vegetation, it also supports						g

Depth (inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks
,									
				_					
	ncentration, D=Deplet	•				ıs. ² L			Root Channel, M=Matrix.
-	Indicators: (Appli	cable to all							natic Hydric Soils³:
_Histosol	` '			y Redox (S5				Muck (A9) (LF	·
_	pipedon (A2)			oed Matrix (S ry Mucky Mir	•			Muck (A10) (L ced Vertic (F1	
	istic (A3) en Sulfide (A4)			iy Mucky Mil iy Gleyed Ma	, ,			arent Materia	,
	d Layers (A5) (LRF	(C)		eted Matrix (F				(Explain in R	, ,
_	uck (A9) (LRR D)	. •)		x Dark Surfa			_X_Outer	(Explain in to	cinanaj
	d Below Dark Surfa	ce (A11)		eted Dark Su	` '				
	ark Surface (A12)	(,		x Depression			3Indicators	of hydrophyt	ic vegetation and
	Mucky Mineral (S1)			al Pools (F9)	. ,				nust be present,
Sandy (Gleyed Matrix (S4)			, ,				disturbed or p	
estrictive	Layer (if present):								
	-u, c. (p. ccc).								
Type:									
Type:	hes):						Hvdric Soil Pr	resent? '	Yes X No
Depth (inc		Per the 1987	delineation manu	al, hydric soi	ls can be a		Hydric Soil Pr hen a wetland		Yes X No No Start No Start No No No No No No No No No No No No No
Depth (inc emarks: N nly.	o soil pit was dug.	Per the 1987	delineation manu	al, hydric soi	ls can be a				
Depth (inc emarks: N nly.	o soil pit was dug.		delineation manu	al, hydric soi	ls can be a		hen a wetland	is dominated	d by OBL and FACW sp
Depth (inc emarks: N nly.	o soil pit was dug.	s:			ls can be a		hen a wetland	is dominated	d by OBL and FACW sp
Depth (inc emarks: N nly. DROLOG Wetland Hy Primary Ind	o soil pit was dug. SY /drology Indicator icators (minimum o	s:	d; check all that a	oply)	ls can be a		hen a wetland	is dominated condary Indi Water Marks	d by OBL and FACW space of the control of the contr
Depth (inc lemarks: N nly.	o soil pit was dug. SY /drology Indicator icators (minimum o	s:	d; check all that a	oply) rust (B11)	ls can be a		hen a wetland	is dominated condary Indi Water Marks Sediment De	cators (2 or more req s (B1) (Riverine) eposits (B2) (Riverine)
Depth (inc emarks: N nly. 'DROLOG Wetland Hy Primary Ind Surface High W	o soil pit was dug. SY vdrology Indicator icators (minimum o Water (A1) ater Table (A2)	s:	d; check all that al Salt Ci _X_ Biotic (oply) rust (B11) Crust (B12)			hen a wetland	condary Indi Water Marks Sediment Do	cators (2 or more req is (B1) (Riverine) eposits (B2) (Riverine) is (B3) (Riverine)
Depth (inc demarks: Nonly. DROLOG Vetland Hy Primary Ind Surface High W Saturati	o soil pit was dug. o soil pit was dug. odoronal pit was dug. odo	s: one require	d; check all that a Salt Co X Biotic o	oply) rust (B11) Crust (B12) c Invertebrat	es (B13)		hen a wetland	condary Indi Water Marks Sediment De Drift Deposit Drainage Pa	d by OBL and FACW space of the control of the contr
Depth (inc demarks: N nly. /DROLOG Wetland Hy Primary Ind Surface High W Saturati Water N	o soil pit was dug. O soil pit was dug. O soil pit was dug. O drology Indicator I drology Indicator O drology	s: one require	d; check all that al Salt C X Biotic o Aquati Hydroç	oply) rust (B11) Crust (B12) c Invertebrat gen Sulfide C	res (B13) Odor (C1)	assumed wi	hen a wetland	condary Indi Water Marks Sediment Do Drift Deposit Drainage Pa Dry-Season	d by OBL and FACW space of the control of the contr
Depth (inc demarks: N nly. DROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime	o soil pit was dug. O soil pit was dug. O soil pit was dug. O dorongy Indicator O dorongy	s: one require erine) onriverine)	d; check all that a Salt Ci Aquati Hydrot Oxidiz	oply) rust (B11) Crust (B12) c Invertebrat gen Sulfide C ed Rhizosph	es (B13) Odor (C1) eres along	assumed wi	hen a wetland	condary Indi Water Marks Sediment De Drift Deposit Drainage Pa Dry-Season Thin Muck S	cators (2 or more req s (B1) (Riverine) eposits (B2) (Riverine) its (B3) (Riverine) waterns (B10) Water Table (C2)
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Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	Sampling Date: 4/12/2	2021
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 365	
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	Range: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%):	0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55732550	51	Long: -117.018592841	Datum: NAD	83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classificatio	n: none	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstance		No
Are Vegetation Soil X, or Hydrology				(If needed, explain any ans	wers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	features, etc.	
Hydrophytic Vegetation Present? Yes X	_No	ls tl	he Sampled .	Aroa		
Hydric Soil Present? Yes X	_No		hin a Wetlan	Y PO X	(No	
Wetland Hydrology Present? Yes X	_No	_				
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sample	ed during the growing se	eason and
Control Cont	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Sp That Are OBL, FACW, o		(A)
2.				Total Number of Domina Species Across All Strate	ant	,
3				Percent of Dominant Spe		(B)
4				That Are OBL, FACW, o		(A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cove	ei ei			
1 none				Prevalence Index work	 sheet:	
				Total % Cover of:	Multiply by:	
3.				OBL species	x 1 =	_
4.				FACW species		
5.				FAC species	•	
		= Total Cove	er	FACU species	x 4 =	_
Herb Stratum (Plot size:)				UPL species	x 5 =	_
Plagiobothrys acanthocarpus	15	Yes	OBL	Column Totals:	(A)	(B)
2. Festuca perennis	3	No	FAC	Prevalence Index	x = B/A =	
3. Lythrum hyssopifolia	3	No	OBL			
4. Erodium botrys	3	No	FACU	Hydrophytic Vegetation		
5. Bromus hordeaceus	1	No	FACU	X _ Dominance Test is		
6.				Prevalence Index		
7. 8.					aptations¹ (Provide supp ks or on a separate shee	
	25	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Exp	olain)
Woody Vine Stratum (Plot size:				Troblemate riyare	physic vegetation (EX	Jiani)
1none				¹ Indicators of hydric soi be present, unless distu		/ must
2				· .		
% Bare Ground in Herb Stratum 75 % Co	ver of Biotic	= Total Cove	er	Hydrophytic Vegetation Present? Yes	es X No	
Remarks: Sample area is a vernal pool that receives ru			all local micro			<u> </u>
predominately of hydrophytic vegetation, it also support						9

Depth				edox Features			
(inches)	Color (moist)	%	Color (moist)	% Type ¹	Loc ²	Texture	Remarks
1Type: C=Con	 ncentration, D=Depletion	- DM-Poduco	d Matrix CS=Covere	d or Coated Sand Grain	s ² l ocatio	n: DI -Doro I	ining, RC=Root Channel, M=Matrix.
	Indicators: (Applic						Problematic Hydric Soils ³ :
-		able to all Er		•	""		•
— Histosol	` '			Redox (S5)	_		k (A9) (LRR C)
	oipedon (A2)			d Matrix (S6)	_	_	k (A10) (LRR B)
	stic (A3)			Mucky Mineral (F1)			Vertic (F18) nt Material (TF2)
	en Sulfide (A4)	31		Gleyed Matrix (F2)		_	\ /
	d Layers (A5) (LRR (•)		d Matrix (F3)		_ Other (Ex	plain in Remarks)
	uck (A9) (LRR D)	o (A11)		Dark Surface (F6)			
_	d Below Dark Surfac ark Surface (A12)	e (ATT)		d Dark Surface (F7) Depressions (F8)	31	diantara of l	audranhutia vagatatian and
	` ,			. ,	-11		nydrophytic vegetation and
	Mucky Mineral (S1) Gleyed Matrix (S4)		vernari	Pools (F9)		-	rdrology must be present, curbed or problematic.
Sandy G	bieyeu iviatrix (34)					uriless dist	urbed or problematic.
Dandwinding I	_ayer (if present):						
Restrictive L							
Type:							
Type: Depth (inch		er the 1987 de	— elineation manual,	hydric soils can be a		ic Soil Prese wetland is o	ent? Yes X No No OBL and FACW specie
Type: Depth (inch Remarks: No only.	o soil pit was dug. Pe	er the 1987 de	elineation manual,	hydric soils can be a			
Type:	o soil pit was dug. Pe		— elineation manual,	hydric soils can be a		wetland is o	dominated by OBL and FACW specie
Type: Depth (inch Remarks: No only. HYDROLOG Wetland Hy	o soil pit was dug. Pe	:				wetland is o	dominated by OBL and FACW specie
Type: Depth (inch Remarks: No only. HYDROLOG Wetland Hy Primary India	o soil pit was dug. Pe	:	check all that appl	y)		wetland is o	dominated by OBL and FACW species and FACW species and FACW species and FACW species are also and FACW species are more required atternal Marks (B1) (Riverine)
Type:	o soil pit was dug. Pe	:	check all that appl	y) st (B11)		wetland is o	dary Indicators (2 or more required ater Marks (B1) (Riverine) diment Deposits (B2) (Riverine)
Type:	o soil pit was dug. Pe	:	check all that appl Salt Crus Biotic Cru	y) st (B11) ust (B12)		Secon Wa Se Dri	dary Indicators (2 or more required ater Marks (B1) (Riverine) diment Deposits (B2) (Riverine) of the Deposits (B3) (Riverine)
Type:	o soil pit was dug. Pe	:	check all that appl Salt Crus Biotic Cru	y) st (B11)		Secon Wa Se Dri	dary Indicators (2 or more required ater Marks (B1) (Riverine) diment Deposits (B2) (Riverine)
Type:	o soil pit was dug. Pe	: one required;	check all that appl Salt Crus X Biotic Cru Aquatic I	y) st (B11) ust (B12)		Secon Was Secon Dri	dary Indicators (2 or more required ater Marks (B1) (Riverine) diment Deposits (B2) (Riverine) of the Deposits (B3) (Riverine)
Type:	o soil pit was dug. Per drology Indicators. cators (minimum of or Water (A1) ater Table (A2) on (A3)	: one required; ine)	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogei	y) st (B11) ust (B12) nvertebrates (B13)	issumed when a	Secon Wa Se Dri Dra Dra	dominated by OBL and FACW species and FACW species and Indicators (2 or more required ater Marks (B1) (Riverine) adiment Deposits (B2) (Riverine) alinage Patterns (B10)
Type:	o soil pit was dug. Per redrology Indicators cators (minimum of of Water (A1) ater Table (A2) on (A3)	one required; ine) nriverine)	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogei Oxidized	by) st (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1)	issumed when a	Secon Wa Se Dri Dri Dry 3) Th	dominated by OBL and FACW species and FA
Type:	o soil pit was dug. Per redrology Indicators cators (minimum of cators (Mater (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (No	one required; ine) nriverine)	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogei Oxidized Presence	y) st (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres along	issumed when a	Secon Wa Se Dri Dra Dra Cra 3)	dominated by OBL and FACW species and FA
Type:	o soil pit was dug. Per drology Indicators: cators (minimum of control water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (Nonriver Soil Cracks (B6)	ine) rine) rine)	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogei Oxidized Presence Recent Ir	y) st (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres along e of Reduced Iron (C	issumed when a	Secon Wa Se Dri Dra Dra So Sa	dary Indicators (2 or more required ater Marks (B1) (Riverine) (diment Deposits (B2) (Riverine) (diment Deposits (B3) (Riverine) (dimage Patterns (B10) (Patterns (B10) (Patte
Type:	o soil pit was dug. Per drology Indicators: cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (Nonriver Soil Cracks (B6) on Visible on Aerial	ine) rine) rine)	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogei Oxidized Presence Recent Iu Thin Muc	st (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres along e of Reduced Iron (C	issumed when a	Secon Wa Se Dri Dra Dra Cra Sa Sh	dary Indicators (2 or more required ater Marks (B1) (Riverine) (diment Deposits (B2) (Riverine) (B10) (Riverine) (Riverine) (B10) (Riverine) (Rive
Type:	o soil pit was dug. Per drology Indicators cators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (No posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9)	ine) rine) rine)	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogei Oxidized Presence Recent Iu Thin Muc	ly) st (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres along e of Reduced Iron (Con Reduction in Tille	issumed when a	Secon Wa Se Dri Dra Dra Cra Sa Sh	dary Indicators (2 or more required ater Marks (B1) (Riverine) diment Deposits (B2) (Riverine) dimage Patterns (B10) y-Season Water Table (C2) in Muck Surface (C7) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9 allow Aquitard (D3)
Type:	o soil pit was dug. Per drology Indicators. cators (minimum of o Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver on the Deposits (B2) (Nonriver Soil Cracks (B6) ion Visible on Aerial (Stained Leaves (B9)) vations:	ine) nriverine) rine) magery (B7)	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogei Oxidized Presence Recent Ii Thin Muc	st (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres along e of Reduced Iron (Coon Reduction in Tille ck Surface (C7) xplain in Remarks)	issumed when a	Secon Wa Se Dri Dra Dra Cra Sa Sh	dary Indicators (2 or more required ater Marks (B1) (Riverine) diment Deposits (B2) (Riverine) dimage Patterns (B10) y-Season Water Table (C2) in Muck Surface (C7) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9 allow Aquitard (D3)
Type:	rdrology Indicators: cators (minimum of of other Table (A2) on (A3) Marks (B1) (Nonriver of the Deposits (B2) (Nonriver Soil Cracks (B6) ion Visible on Aerial of Stained Leaves (B9) vations: er Present?	ine) nriverine) magery (B7)	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogei Oxidized Presence Recent Ii Thin Muc Other (E:	st (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres along of Reduced Iron (Coon Reduction in Tille ck Surface (C7) xplain in Remarks)	issumed when a	Secon Wa Se Dri Dra Dra Cra Sa Sh	dary Indicators (2 or more required ater Marks (B1) (Riverine) diment Deposits (B2) (Riverine) dimage Patterns (B10) y-Season Water Table (C2) in Muck Surface (C7) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9 allow Aquitard (D3)
Type:	o soil pit was dug. Por drology Indicators: cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (No posits (B3) (Nonriver Soil Cracks (B6) on Visible on Aerial (Stained Leaves (B9) vations: er Present?	ine) nriverine) magery (B7) es N es N	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogei Oxidized Presence Recent Ir Thin Muc Other (Ex	by) st (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres along e of Reduced Iron (Coon Reduction in Tille sk Surface (C7) xplain in Remarks) thes):	Living Roots (C 4) d Soils (C6)	Secon Wa Se Dri Dra Dra Cra Sa Sh FA	dary Indicators (2 or more required ater Marks (B1) (Riverine) diment Deposits (B2) (Riverine) dimage Patterns (B10) y-Season Water Table (C2) in Muck Surface (C7) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9 allow Aquitard (D3) (C-Neutral Test (D5)
Type:	o soil pit was dug. Per drology Indicators: cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (Nonriver Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present?	ine) nriverine) magery (B7) es N es N	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogei Oxidized Presence Recent Ii Thin Muc Other (E:	by) st (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres along e of Reduced Iron (Coon Reduction in Tille sk Surface (C7) xplain in Remarks) thes):	Living Roots (C 4) d Soils (C6)	Secon Wa Se Dri Dra Dra Cra Sa Sh	dary Indicators (2 or more required ater Marks (B1) (Riverine) diment Deposits (B2) (Riverine) dimage Patterns (B10) y-Season Water Table (C2) in Muck Surface (C7) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9 allow Aquitard (D3) (C-Neutral Test (D5)
Type:	o soil pit was dug. Por drology Indicators. cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver of the Deposits (B2) (Nonriver of the Deposits (B3) (Nonriver of the Deposits (B4) (Nonriver of	ine) nriverine) rine) magery (B7) es N es N	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogel Oxidized Presence Recent II Other (E:	by) st (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres along e of Reduced Iron (C ron Reduction in Tille sk Surface (C7) xplain in Remarks) shes):	Living Roots (C4) d Soils (C6)	Secon Wa Se Dri Dra Dra Sa Sh FA	dary Indicators (2 or more required ater Marks (B1) (Riverine) diment Deposits (B2) (Riverine) dimage Patterns (B10) y-Season Water Table (C2) in Muck Surface (C7) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9 allow Aquitard (D3) (C-Neutral Test (D5)
Type:	o soil pit was dug. Per drology Indicators: cators (minimum of of water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (Nonriver Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present?	ine) nriverine) rine) magery (B7) es N es N	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogel Oxidized Presence Recent II Other (E:	by) st (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres along e of Reduced Iron (C ron Reduction in Tille sk Surface (C7) xplain in Remarks) shes):	Living Roots (C4) d Soils (C6)	Secon Wa Se Dri Dra Dra Sa Sh FA	dary Indicators (2 or more required ater Marks (B1) (Riverine) diment Deposits (B2) (Riverine) dimage Patterns (B10) y-Season Water Table (C2) in Muck Surface (C7) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9 allow Aquitard (D3) (C-Neutral Test (D5)
Type:	o soil pit was dug. Por drology Indicators. cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver on Deposits (B2) (No posits (B3) (Nonriver Soil Cracks (B6) on Visible on Aerial of Stained Leaves (B9) vations: er Present? Present? Yesent? Yesent? Yesent? Yesent?	ine) nriverine) magery (B7) Yes N Yes N gauge, monito	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogel Oxidized Presence Recent II Thin Muc Other (Example) No X Depth (incomorphic well, aerial plane)	st (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres along e of Reduced Iron (C ron Reduction in Tille sk Surface (C7) xplain in Remarks) thes): thes):	Living Roots (C4) d Soils (C6) Wetland Hyctions), if availal	Secon Wa Se Dri Dra Dra Sa Sh FA	dary Indicators (2 or more required ater Marks (B1) (Riverine) diment Deposits (B2) (Riverine) dimage Patterns (B10) y-Season Water Table (C2) in Muck Surface (C7) ayfish Burrows (C8) turation Visible on Aerial Imagery (CS allow Aquitard (D3) (C-Neutral Test (D5)
Type:	o soil pit was dug. Por drology Indicators. cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver on Deposits (B2) (No posits (B3) (Nonriver Soil Cracks (B6) on Visible on Aerial of Stained Leaves (B9) vations: er Present? Present? Yesent? Yesent? Yesent? Yesent?	ine) nriverine) rine) magery (B7) Yes N Yes N gauge, monito	check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogel Oxidized Presence Recent II Thin Muc Other (Extended to the control of	st (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres alonge of Reduced Iron (Cron Reduction in Tillesk Surface (C7) explain in Remarks) whes): whes): hes):	Living Roots (C4) d Soils (C6) Wetland Hy	Secon Wa Se Dri Dra Dra Sa Sh FA	dary Indicators (2 or more required ater Marks (B1) (Riverine) diment Deposits (B2) (Riverine) dimage Patterns (B10) y-Season Water Table (C2) in Muck Surface (C7) ayfish Burrows (C8) turation Visible on Aerial Imagery (C9 allow Aquitard (D3) (C-Neutral Test (D5)

Project/Site: Southwest Village Specific Plan Project		City/Cour	ity: San Dieg	0	Sampling Date: 4/12/2021	
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 366	
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	ange: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slope (%): 0-2	
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55730427	29	Long: -117.018602397	Datum: NAD83	
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent si	lopes			NWI classificatio	n: none	
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology					s" present? Yes X No	
Are Vegetation Soil X, or Hydrology				(If needed, explain any ans	wers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	features, etc.	
Hydrophytic Vegetation Present? Yes X	No	le ti	ne Sampled .	Aroa		
Hydric Soil Present? Yes X	_No		nin a Wetlan	YAC X	K No	
Wetland Hydrology Present? Yes X	No	_				
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sample	ed during the growing season a	and
Section Control Contro	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Sp That Are OBL, FACW, o		١
2.				Total Number of Domina Species Across All Strat	ant	,
3				Percent of Dominant Sp	i(D))
4		= Total Cove		That Are OBL, FACW, o		/B)
Sapling/Shrub Stratum (Plot size:)		- Total Cove	5 1			
1 none				Prevalence Index work		
2.				Total % Cover of:	Multiply by:	
3.				OBL species	x 1 =	
4.				FACW species		
5.				FAC species	x 3 =	
		= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
Plagiobothrys acanthocarpus	30	Yes	OBL	Column Totals:	(A)(B)	
2. Festuca perennis	2	No	FAC	Prevalence Index	x = B/A =	
3. Bromus hordeaceus	1	No	FACU			
4. Lythrum hyssopifolia	3	No	OBL	Hydrophytic Vegetatio		
5				X Dominance Test is		
6.				Prevalence Index		
7. 8.					aptations¹ (Provide supporting ks or on a separate sheet)	i
0	36	= Total Cov			ophytic Vegetation¹ (Explain)	
Woody Vine Stratum (Plot size:		rotal oo		i iobiematic riyure	priyuc vegetation (Explain)	
1none				¹ Indicators of hydric soi be present, unless distu	il and wetland hydrology must	
2						
% Bare Ground in Herb Stratum 64 % Co	ver of Biotic	= Total Cove	er	Hydrophytic Vegetation Present? Ye	es X No	
Remarks: Sample area is a vernal pool that receives ru			all local micro			
predominately of hydrophytic vegetation, it also supports						

Depth (inches)	Color (moist)	%	Color (mois	st) %	Type ¹	Loc ²	Texture		Remarks	
,										
	ncentration, D=Depleti	-	-			ns. ² L			Root Channel, M=M	
-	Indicators: (Appli	cable to all							natic Hydric Soils	33:
_Histosol	` '			indy Redox (S5				Muck (A9) (LI		
_	pipedon (A2)			ripped Matrix (S	•			Muck (A10) (I		
	istic (A3)			amy Mucky Mi	, ,			ced Vertic (F1	,	
	en Sulfide (A4) d Layers (A5) (LRR	C \		amy Gleyed Ma pleted Matrix (arent Materia (Explain in R	, ,	
_	uck (A9) (LRR D)	C)		epieted iviatrix (edox Dark Surfa			_X_Other	(Explain in R	emarks)	
	d Below Dark Surfa	co (A11)		pleted Dark Sun	` '					
	ark Surface (A12)	CC (A11)		dox Depressio			3Indicators	of hydronhyl	tic vegetation and	
	Mucky Mineral (S1)			rnal Pools (F9)	` '				nust be present,	
_	Gleyed Matrix (S4)				,			disturbed or		
									<u> </u>	
	Layer (if present):									
Туре:								10	., ., .,	
Type: Depth (inc Remarks: N		Per the 1987	delineation ma	nual, hydric so	ils can be a		Hydric Soil Pi hen a wetland		Yes X No	
Type: Depth (inc Remarks: N only.	hes):lo soil pit was dug. F	Per the 1987	delineation ma	inual, hydric so	ils can be a		-		<u> </u>	
Type:	hes):lo soil pit was dug. F		delineation ma	nual, hydric so	ils can be a		hen a wetland	l is dominated	——— d by OBL and FA0	CW spec
Type:	hes): lo soil pit was dug. F SY ydrology Indicator	s:			ils can be a		hen a wetland	l is dominated	d by OBL and FAC	CW spec
Type: Depth (income semarks: Nonly. YDROLOG Wetland Hy Primary Ind	hes):lo soil pit was dug. Fisher side was dug. Fisher side was dug. Fisher side was dug. Fisher side was dug. Fisher side was dug. Fisher side was dug. Fisher side was dug. Fisher side was dug. Fisher side was dug. Fisher side was dug. Fisher was d	s:	d; check all tha	t apply)	ils can be a		hen a wetland	l is dominated condary Ind Water Mark	d by OBL and FAC	CW spec
Type: Depth (income semarks: Nonly. YDROLOG Wetland Hy Primary IndSurface	hes):	s:	d; check all tha Sal	t apply) t Crust (B11)	ils can be a		hen a wetland	l is dominated condary Ind Water Mark Sediment D	icators (2 or mor s (B1) (Riverine) eposits (B2) (Rive	e requir
Type: Depth (inc Remarks: N Inly. YDROLOG Wetland Hy Primary Ind Surface High W	hes):	s:	d; check all tha Sal Biot	t apply) t Crust (B11) ic Crust (B12)			hen a wetland	condary Ind Water Mark Sediment D Drift Deposi	icators (2 or mor s (B1) (Riverine) reposits (B2) (Riverine) ts (B3) (Riverine)	e requir
Type:	hes):	s: one require	d; check all tha Sal Biot Aqu	t apply) t Crust (B11) iic Crust (B12) uatic Invertebra	tes (B13)		hen a wetland	condary Ind Water Mark Sediment D Drift Deposi Drainage Pa	icators (2 or mor s (B1) (Riverine) leposits (B2) (Riverine) ts (B3) (Riverine) atterns (B10)	e requir
Type: Depth (income for the content of the co	hes): lo soil pit was dug. F ydrology Indicator icators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive	s: one require	d; check all tha Sal' Biot Aqu Hyo	t apply) t Crust (B11) cic Crust (B12) uatic Invertebra	tes (B13) Odor (C1)	assumed w	hen a wetland	condary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Season	icators (2 or mor s (B1) (Riverine) eposits (B2) (Riverine) atterns (B10)	e requir
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Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	Sampling Date: 4	/12/2021
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 3	67
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	ange: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slope	(%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55710459	11	Long: -117.018600426	Datum:	NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classificatio	n: none	
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstance		X No
Are Vegetation Soil X, or Hydrology				(If needed, explain any ans	wers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	features, etc.	
Hydrophytic Vegetation Present? Yes X	_No	lo.4	ha Samplad	Aroo		
Hydric Soil Present? Yes X	_No		he Sampled . hin a Wetland	YAC X	(No	_
Wetland Hydrology Present? Yes X	No	_	ini a rroman	u :		
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sample	ed during the growing	ng season and
Coo colonialio names of plants	Absolute	Dominant	Indicator	Dominance Test works	heet:	
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Sp		
1. none				That Are OBL, FACW, o		<u>2</u> (A)
3.				Total Number of Domina Species Across All Strate	0.	2 (B)
4.				Percent of Dominant Sp	ecies	
		= Total Cove	er	That Are OBL, FACW, o	or FAC: 10	00 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index work	sheet:	
2				Total % Cover of:	Multiply	
3				OBL species	x 1 =	
4				FACW species		
5				FAC species		
Hade Otratage (District		= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:)	40	V	ODI	UPL species Column Totals:	x 5 =	
1. Plagiobothrys acanthocarpus	2	Yes No	OBL UPL	Column rotals.	(A)	(B)
Glebionis coronaria Festuca perennis		Yes	FAC	Prevalence Index	x = B/A =	
4. Erodium botrys		No	FACU	Hydrophytic Vegetation	n Indicators:	
5. Bromus hordeaceus	<u>'</u>	No	FACU	X Dominance Test is		
6. Hordeum murinum	<u>·</u>	No	FACU	Prevalence Index		
7.					aptations¹ (Provide	supporting
8.					ks or on a separate	
	20	= Total Cov	/er	Problematic Hydro	ophytic Vegetation ¹	(Explain)
Woody Vine Stratum (Plot size:						
1. <u>none</u> 2.				¹ Indicators of hydric soi be present, unless distu		
Z		= Total Cove			<u> </u>	
% Bare Ground in Herb Stratum 80 % Co	ver of Biotic		0	Hydrophytic Vegetation Present? Ye	es X No	
Remarks: Sample area is a vernal pool that receives ru						
predominately of hydrophytic vegetation, it also supports						лэшү

Depth (inches)	Color (moist)	%	Color ((moist)	%	Type ¹	Loc ²	Texture	Remarks
)-18	10YR 4/3	100		,				sandy clay	no redox
		· ——						-	
									
								- 	
			-						- -
Type: C=Co	ncentration, D=Depletion	n. RM=Reduc	ed Matrix. (CS=Covere	d or Coated	Sand Grain	s. 2	Location: PL=Pore	e Lining, RC=Root Channel, M=Matrix.
•	I Indicators: (Applic	-							for Problematic Hydric Soils ³ :
Histoso	`				Redox (S5)	•			uck (A9) (LRR C)
	pipedon (A2)				d Matrix (S				uck (A10) (LRR B)
_	listic (A3)			_ Loamy	Mucky Min	eral (F1)			ed Vertic (F18)
Hydrog	en Sulfide (A4)		_	Loamy	Gleyed Ma	trix (F2)		Red Pa	rent Material (TF2)
	ed Layers (A5) (LRR	C)			ed Matrix (F	,		X Other (I	Explain in Remarks)
	uck (A9) (LRR D)			_	Dark Surfa	` '			
	ed Below Dark Surface	ce (A11)	_		d Dark Su			0	
	Park Surface (A12)				Depression	ıs (F8)			of hydrophytic vegetation and
′	Mucky Mineral (S1)		_	_vernal l	Pools (F9)				hydrology must be present, listurbed or problematic.
	Gleyed Matrix (S4)							uniess	ilsturbed or problematic.
estrictive	Layer (if present):								
_									
Type:									
Type: Depth (ind Remarks: s strong indica	and inclusions and c	egetation a	nd wetland	d hydrolog	y. This fea	ture is a ve	ernal pool	that is seasonal	are assumed here as problematic due ly ponded and may lack hydric soil
Type: Depth (inc Remarks: s strong indica ndicators du	and inclusions and c ators of hydrophytic v ue to limited saturatio	egetation a	nd wetland	d hydrolog	y. This fea	ture is a ve	ernal pool	er, hydric soils a that is seasonal	are assumed here as problematic due ly ponded and may lack hydric soil
Type:	and inclusions and c ators of hydrophytic v ue to limited saturatio	regetation a on depth, sal	nd wetland	d hydrolog	y. This fea	ture is a ve	ernal pool	er, hydric soils a that is seasonal human-caused	are assumed here as problematic due ly ponded and may lack hydric soil
Type:	and inclusions and cators of hydrophytic vue to limited saturation	regetation a on depth, sal	nd wetland line conditi	d hydrolog ions, or ot	y. This fea her factors	ture is a ve	ernal pool	er, hydric soils a that is seasonal human-caused	are assumed here as problematic due ly ponded and may lack hydric soil disturbance.
Type:	and inclusions and o ators of hydrophytic v ue to limited saturation	regetation a on depth, sal	nd wetland line conditi	d hydrolog ions, or ot	y. This fea her factors	ture is a ve	ernal pool	er, hydric soils a that is seasonal human-caused	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more requirements)
Type:	and inclusions and cators of hydrophytic value to limited saturation GY ydrology Indicators licators (minimum of	regetation a on depth, sal	nd wetland line conditi	d hydrologions, or ot	ly. This fea her factors	ture is a ve	ernal pool	er, hydric soils a that is seasonal human-caused	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more requirements) Water Marks (B1) (Riverine)
Type: Depth (incomplete incomplete inc	and inclusions and cators of hydrophytic value to limited saturation GY ydrology Indicators (minimum of the Water (A1)	regetation a on depth, sal	nd wetland line conditi d; check al	I hydrologions, or of	ly. This fea her factors	ture is a ve , which ma	ernal pool	er, hydric soils a that is seasonal human-caused	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more requirement Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Type:	and inclusions and cators of hydrophytic value to limited saturation GY ydrology Indicators licators (minimum of the Water (A1) //ater Table (A2)	regetation al on depth, sal	nd wetland line conditi d; check al	I that app Salt Crus Biotic Cr Aquatic I	ly. This fea her factors	ture is a ve , which ma	ernal pool	er, hydric soils a that is seasonal human-caused	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Type: Depth (incomplete incomplete inc	and inclusions and cators of hydrophytic value to limited saturation GY ydrology Indicators licators (minimum of the Water (A1) //ater Table (A2) //cion (A3)	regetation all on depth, sal	nd wetland line conditi d; check al	I that app Salt Crus Biotic Cr Aquatic I Hydroge	ly. This fea her factors ly) st (B11) ust (B12) nvertebrate	ture is a ve , which ma es (B13)	ernal pool ay include	er, hydric soils a that is seasonal human-caused	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Type:	and inclusions and of ators of hydrophytic value to limited saturations. GY ydrology Indicators licators (minimum of the Water (A1) //ater Table (A2) //dion (A3) Warks (B1) (Nonrive	rine)	nd wetland line conditi d; check al	I that app Salt Crus Biotic Cr Aquatic I Hydroge Oxidized	ly). This fea her factors ly) st (B11) ust (B12) nvertebraten Sulfide C	ture is a ve , which ma es (B13) odor (C1) eres along	ernal pool ay include	er, hydric soils at that is seasonal human-caused Sec ots (C3)	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
Type:	and inclusions and of ators of hydrophytic value to limited saturation. GY ydrology Indicators licators (minimum of a Water (A1) dater Table (A2) dion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No	rine)	nd wetland line conditi d; check al	I that app Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence	ly) ly) st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe	es (B13) dor (C1) eres along ed Iron (C.	ernal pool ay include Living Ro	er, hydric soils at that is seasonal human-caused Sec ots (C3)	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
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Type:	and inclusions and of ators of hydrophytic value to limited saturation. GY ydrology Indicators (minimum of a Water (A1) //ater Table (A2) //dion (A3) Marks (B1) (Nonrive and Deposits (B2) (Nonrive a Soil Cracks (B6)	rine) contriverine) Imagery (Ba	nd wetland line conditi	I that app Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I Thin Muc	ly) ly) st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct	es (B13) dor (C1) eres along ed Iron (C- ion in Tille (C7)	ernal pool ay include Living Ro	ser, hydric soils a that is seasonal human-caused Sec ots (C3) 6)	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C
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Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	Sampling Date: 4/12/202	21
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 368	
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	ange: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slope (%): 0-	-2
Subregion (LRR): C - Mediterranean California	Lat: 3	32.55695022	11	Long: -117.018673828	Datum: NAD83	3
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent si	lopes			NWI classification	on: none	
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstance		No
Are Vegetation Soil X, or Hydrology				(If needed, explain any ans	swers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	t features, etc.	
Hydrophytic Vegetation Present? Yes X	_No	lo.4	ha Camplad	Aron		
Hydric Soil Present? Yes X	_No		he Sampled . hin a Wetland	YAC)	X No	
Wetland Hydrology Present? Yes X	No	_	a rrottan	u .		
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sample	ed during the growing seas	son and
Table 1 and	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Sp That Are OBL, FACW, o		(A)
2.				Total Number of Domina Species Across All Strat	ant	_, ,
3				Percent of Dominant Sp		_(B)
4		= Total Cove		That Are OBL, FACW, o		(A/B)
Sapling/Shrub Stratum (Plot size:)		- Total Cove	el			
1 none				Prevalence Index work	 ksheet:	
				Total % Cover of:	Multiply by:	
3.				OBL species	x 1 =	
4.				FACW species		
5.				FAC species	•	
		= Total Cove	er	FACU species	x 4 =	-
Herb Stratum (Plot size:)				UPL species	x 5 =	
Plagiobothrys acanthocarpus	10	Yes	OBL	Column Totals:	(A)	_(B)
2. Psilocarphus brevissimus	1	No	FACW	Prevalence Index	x = B/A =	
3. Matricaria discoidea	1	No	FACU			
4. Hordeum murinum	1	No	FACU_	Hydrophytic Vegetatio	n Indicators:	
5. Festuca perennis	5	Yes	FAC	X Dominance Test i		
6. Lythrum hyssopifolia	1	No	OBL	Prevalence Index		
7. Plantago elongata 8.	1	No	FACW_		aptations¹ (Provide suppor ks or on a separate sheet)	
	20	= Total Cov	ver	Problematic Hydro	ophytic Vegetation¹ (Expla	ıin)
Woody Vine Stratum (Plot size:)						
1. <u>none</u> 2.				¹ Indicators of hydric soi be present, unless dist	il and wetland hydrology m urbed or problematic.	nust
2		= Total Cove		Hydrophytic		_
% Bare Ground in Herb Stratum 80 % Co	ver of Biotic		0	Vegetation Present?	es X No	
Remarks: Sample area is a vernal pool that receives ru						_
predominately of hydrophytic vegetation, it does support acanthocarpus, and Plantago elongata).						

Depth (inches)	Color (moist)	%	Color ((moist)	%	Type ¹	Loc ²	Texture	Remarks
)-18	10YR 4/3	100		,				sandy clay	no redox
		· ——						-	
									
								- 	
			-						- -
Type: C=Co	ncentration, D=Depletion	n. RM=Reduc	ed Matrix. (CS=Covere	d or Coated	Sand Grain	s. 2	Location: PL=Pore	e Lining, RC=Root Channel, M=Matrix.
•	I Indicators: (Applic	-							for Problematic Hydric Soils ³ :
Histoso	`				Redox (S5)	•			uck (A9) (LRR C)
	pipedon (A2)				d Matrix (S				uck (A10) (LRR B)
_	listic (A3)			_ Loamy	Mucky Min	eral (F1)			ed Vertic (F18)
Hydrog	en Sulfide (A4)		_	Loamy	Gleyed Ma	trix (F2)		Red Pa	rent Material (TF2)
	ed Layers (A5) (LRR	C)			ed Matrix (F	,		X Other (I	Explain in Remarks)
	uck (A9) (LRR D)			_	Dark Surfa	` '			
	ed Below Dark Surface	ce (A11)	_		d Dark Su			0	
	Park Surface (A12)				Depression	ıs (F8)			of hydrophytic vegetation and
′	Mucky Mineral (S1)		_	_vernal l	Pools (F9)				hydrology must be present, listurbed or problematic.
	Gleyed Matrix (S4)							uniess	ilsturbed or problematic.
estrictive	Layer (if present):								
_									
Type:									
Type: Depth (ind Remarks: s strong indica	and inclusions and c	egetation a	nd wetland	d hydrolog	y. This fea	ture is a ve	ernal pool	that is seasonal	are assumed here as problematic due ly ponded and may lack hydric soil
Type: Depth (inc Remarks: s strong indica ndicators du	and inclusions and c ators of hydrophytic v ue to limited saturatio	egetation a	nd wetland	d hydrolog	y. This fea	ture is a ve	ernal pool	er, hydric soils a that is seasonal	are assumed here as problematic due ly ponded and may lack hydric soil
Type:	and inclusions and c ators of hydrophytic v ue to limited saturatio	regetation a on depth, sal	nd wetland	d hydrolog	y. This fea	ture is a ve	ernal pool	er, hydric soils a that is seasonal human-caused	are assumed here as problematic due ly ponded and may lack hydric soil
Type:	and inclusions and cators of hydrophytic vue to limited saturation	regetation a on depth, sal	nd wetland line conditi	d hydrolog ions, or ot	y. This fea her factors	ture is a ve	ernal pool	er, hydric soils a that is seasonal human-caused	are assumed here as problematic due ly ponded and may lack hydric soil disturbance.
Type:	and inclusions and o ators of hydrophytic v ue to limited saturation	regetation a on depth, sal	nd wetland line conditi	d hydrolog ions, or ot	y. This fea her factors	ture is a ve	ernal pool	er, hydric soils a that is seasonal human-caused	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more requirements)
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Type: Depth (incomplete incomplete inc	and inclusions and cators of hydrophytic value to limited saturation GY ydrology Indicators (minimum of the Water (A1)	regetation a on depth, sal	nd wetland line conditi d; check al	I hydrologions, or of	ly. This fea her factors	ture is a ve , which ma	ernal pool	er, hydric soils a that is seasonal human-caused	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more requirement Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Type:	and inclusions and cators of hydrophytic value to limited saturation GY ydrology Indicators licators (minimum of the Water (A1) //ater Table (A2)	regetation al on depth, sal	nd wetland line conditi d; check al	I that app Salt Crus Biotic Cr Aquatic I	ly. This fea her factors	ture is a ve , which ma	ernal pool	er, hydric soils a that is seasonal human-caused	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
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Type:	and inclusions and of ators of hydrophytic value to limited saturation. GY ydrology Indicators (minimum of a Water (A1) //ater Table (A2) ction (A3) Marks (B1) (Nonrive ent Deposits (B2) (Nonrive apposits (B3) (Nonrive apposit	rine) crine) crine)	nd wetland line conditi	I that app Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I	ly) ly) st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduce	es (B13) dor (C1) eres along ed Iron (C- ion in Tille	ernal pool ay include Living Ro	ser, hydric soils at that is seasonal human-caused Sec ots (C3) ots (C3)	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Type:	and inclusions and of ators of hydrophytic value to limited saturation. GY ydrology Indicators (minimum of a Water (A1) //ater Table (A2) //dion (A3) Marks (B1) (Nonrive and Deposits (B2) (Nonrive a Soil Cracks (B6)	rine) contriverine) Imagery (Ba	nd wetland line conditi	I that app Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I Thin Muc	ly) ly) st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct	es (B13) dor (C1) eres along ed Iron (C- ion in Tille (C7)	ernal pool ay include Living Ro	ser, hydric soils a that is seasonal human-caused Sec ots (C3) 6)	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C
Type:	and inclusions and contors of hydrophytic value to limited saturations. GY ydrology Indicators (minimum of the Water (A1) //ater Table (A2) //dion (A3) Marks (B1) (Nonrive the Proposits (B2) (Nonrive the Proposits (B3) (Non	rine) contriverine) Imagery (Ba	nd wetland line conditi	I that app Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I Thin Muc	ly) st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface	es (B13) dor (C1) eres along ed Iron (C- ion in Tille (C7)	ernal pool ay include Living Ro	ser, hydric soils a that is seasonal human-caused Sec ots (C3) 6)	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3)
Type:	and inclusions and cators of hydrophytic value to limited saturations. GY ydrology Indicators (minimum of each water (A1) /ater Table (A2) /ater Table (A2) /ater Table (A2) /ater Deposits (B1) (Nonrive each Deposits (B3) (Nonrive each Cracks (B6) /ation Visible on Aerial Stained Leaves (B9) rvations:	rine) contriverine) Imagery (Ba	nd wetland line conditi	I that app Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I Thin Muc	ly) Ity) Ity) Ity) Ity) Ity(B11) Ity(B12) Ity(B12) Ity(B12) Ity(B12) Ity(B12) Ity(B12) Ity(B12) Ity(B12) Ity(B13) Ity(B14) Ity(B14	es (B13) dor (C1) eres along ed Iron (C- ion in Tille (C7)	ernal pool ay include Living Ro	ser, hydric soils a that is seasonal human-caused Sec ots (C3) 6)	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3)
Type:	and inclusions and of ators of hydrophytic value to limited saturation. GY ydrology Indicators (minimum of a Water (A1) /ater Table (A2) rion (A3) Marks (B1) (Nonrive and Deposits (B2) (Nonrive a Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) rvations: ter Present?	rine) Imagery (B7	nd wetland line condition	I that app Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I Thin Muc	ly) Ity) Ity) Ity) Ity) Ity(B11) Ity(B12) Ity(B12) Ity(B12) Ity(B12) Ity(B12) Ity(B12) Ity(B12) Ity(B12) Ity(B13) Ity(B14) Ity(B14	es (B13) dor (C1) eres along ed Iron (C- ion in Tille (C7) emarks)	Living Rod 4) d Soils (Co	ser, hydric soils a that is seasonal human-caused Sec ots (C3) 6)	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3)
Type:	and inclusions and cators of hydrophytic value to limited saturations. GY ydrology Indicators (minimum of each of the water (A1) //ater Table (A2) //ater	rine) prine) Imagery (B7	nd wetland line condition	I that app Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I Thin Muc Other (E	ly) st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in Re	es (B13) dor (C1) eres along ed Iron (C- ion in Tille (C7) emarks)	Living Rod 4) d Soils (Cd	ser, hydric soils a that is seasonal human-caused Sec ots (C3) 6)	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Type:	and inclusions and cators of hydrophytic value to limited saturations. GY ydrology Indicators licators (minimum of the Water (A1) /ater Table (A2) /ater Table (A2) /ater Table (A2) /ater Table (B2) (Nonrive the Deposits (B3) (Nonrive the Soil Cracks (B6) /ater Table (B2) (Nonrive the Soil Cracks (B6) /ater Table (B2) (Nonrive the Soil Cracks (B6) /ater Deposits (B3) (Nonrive the Soil Cracks (B6) /ater Present? /ater Present? /ater Present? /ater Present? /ater Present?	rine) priverine) lmagery (Bayes Yes	nd wetland line condition	I that app Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presenc Recent I Thin Muc Other (E	ly) st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in Re ches): ches):	es (B13) bdor (C1) eres along ed Iron (C- ion in Tille (C7) emarks)	Living Rod 4) d Soils (Co	ser, hydric soils at that is seasonal human-caused Sec ots (C3) ots (C3) and Hydrology	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Type:	and inclusions and coators of hydrophytic value to limited saturations. GY ydrology Indicators licators (minimum of ewater (A1) /ater Table (A2) /ater Table (A2) /ater Table (A2) /ater Table (A2) /ater Table (B2) (Nonrive ent Deposits (B3) (Nonrive exposits (B3) (Nonrive e	rine) priverine) lmagery (Bayes Yes	nd wetland line condition	I that app Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presenc Recent I Thin Muc Other (E	ly) st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in Re ches): ches):	es (B13) bdor (C1) eres along ed Iron (C- ion in Tille (C7) emarks)	Living Rod 4) d Soils (Co	ser, hydric soils at that is seasonal human-caused Sec ots (C3) ots (C3) and Hydrology	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Type:	and inclusions and cators of hydrophytic value to limited saturations. GY ydrology Indicators licators (minimum of the Water (A1) /ater Table (A2) /ater Table (A2) /ater Table (A2) /ater Table (B2) (Nonrive the Deposits (B3) (Nonrive the Soil Cracks (B6) /ater Table (B2) (Nonrive the Soil Cracks (B6) /ater Table (B2) (Nonrive the Soil Cracks (B6) /ater Deposits (B3) (Nonrive the Soil Cracks (B6) /ater Present? /ater Present? /ater Present? /ater Present? /ater Present?	rine) priverine) lmagery (Bayes Yes	nd wetland line condition	I that app Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presenc Recent I Thin Muc Other (E	ly) st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in Re ches): ches):	es (B13) bdor (C1) eres along ed Iron (C- ion in Tille (C7) emarks)	Living Rod 4) d Soils (Co	ser, hydric soils at that is seasonal human-caused Sec ots (C3) ots (C3) and Hydrology	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Type:	and inclusions and cators of hydrophytic value to limited saturations. GY ydrology Indicators dicators (minimum of the Water (A1) dater Table (A2) dion (A3) Marks (B1) (Nonrive the Basilian (Nonr	rine) priverine) lmagery (Bayes Yes gauge, mon	nd wetland line condition	I that app Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I Thin Muc Other (E	ly) st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ck Surface xplain in Re ches): ches):	es (B13) Podor (C1) Peres along ed Iron (C7) Perenarks)	Living Rod 4) d Soils (Co	ser, hydric soils at that is seasonal human-caused Sec ots (C3) ots (C3) and Hydrology available:	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5) Present? Yes X No
Type:	and inclusions and cators of hydrophytic value to limited saturations. GY ydrology Indicators dicators (minimum of the Water (A1) dater Table (A2) dion (A3) Marks (B1) (Nonrive the Basilian (Nonr	rine) priverine) lmagery (Bayes Yes gauge, mon	nd wetland line condition	I that app Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I Thin Muc Other (E	ly) st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ck Surface xplain in Re ches): ches):	es (B13) Podor (C1) Peres along ed Iron (C7) Perenarks)	Living Rod 4) d Soils (Co	ser, hydric soils at that is seasonal human-caused Sec ots (C3) ots (C3) and Hydrology available:	are assumed here as problematic due ly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	0	Sampling Date: 4/12/202	.1
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 369	
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	ange: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave	Slope (%): 0-2	2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.556609483	38	Long: -117.01868002	Datum: NAD83	
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent si				NWI classification		
Are climatic / hydrologic conditions on the site typical for		vear? Yes	X No			
Are Vegetation X, Soil , or Hydrology					es" present? Yes X N	0
Are Vegetation, Soil, or Hydrology				(If needed, explain any ans		
					•	
SUMMARY OF FINDINGS – Attach site map sh	owing sar	mpling poir	nt locations	s, transects, important	t features, etc.	
Hydrophytic Vegetation Present? Yes X	_No					
Hydric Soil Present? Yes X	No		ne Sampled	YAC X	X No	
Wetland Hydrology Present? Yes X	No	— witr	nin a Wetlan	d? —		
Remarks: The majority of the vegetation on the site ha	s heen disti	irbed due to i	nast land use	S This feature was sample	ed during the growing seas	on and
meets the wetland criteria.	3 DCCIT GIST	urbed dde to j	past larid usc	3. This leature was sample	sa during the growing seas	on and
VEGETATION – Use scientific names of plants						
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works		
1. none	70 COVEI	_species?	Status	Number of Dominant Sp That Are OBL, FACW, or		(Λ)
				Total Number of Domina		(A)
3				Species Across All Strat	to.	(B)
				Percent of Dominant Sp		<u>(</u> U)
* .		= Total Cove	er	That Are OBL, FACW, o	or FAC: 100	(A/B)
Sapling/Shrub Stratum (Plot size:)						
1. Baccharis salicifolia	5	Yes	FAC	Prevalence Index work	sheet:	
2.				Total % Cover of:	Multiply by:	
3.				OBL species	x 1 =	
4.				FACW species		
5.				FAC species	x 3 =	
	5	= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
Typha domingensis	1	No	OBL	Column Totals:	(A)((B)
2. Eleocharis macrostachya	10	Yes	FACW	Prevalence Inde	x = B/A =	
3. Lythrum hyssopifolia	1	No	OBL			
4. Festuca perennis	5	No	FAC	Hydrophytic Vegetatio	n Indicators:	
5. Psilocarphus brevissimus	1	No	FACW	X Dominance Test i	s >50%	
6. Triglochin scilloides	10	Yes	OBL	Prevalence Index	is ≤3.0 ¹	
7. Distichlis spicata	1	No	FAC		aptations¹ (Provide support	ting
8. Rumex crispus	1	No	FAC	data in Remari	ks or on a separate sheet)	
W 1 1 1 2 2 4 4 7 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	30	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explai	n)
Woody Vine Stratum (Plot size:)				4		
1. none				'Indicators of hydric so be present, unless dist	il and wetland hydrology mi	ust
2					——————————————————————————————————————	_
		= Total Cove	er	Hydrophytic		
% Bare Ground in Herb Stratum 70 % Co	ver of Biotic	Crust		Vegetation Present?	es X No	
Remarks: Sample area is a vernal pool that receives ru			all local micro			•
predominately of hydrophytic vegetation, it does support).
		-	•	•	-	

SOIL Sampling Point: 369_____

Profile Desc	ription: (Describe to	the depth ne	eded to docun	nent the inc	dicator or o	onfirm t	he absend	e of ind	licators.)		
Depth	Matrix			ledox Featu		- 0					
(inches)	Color (moist)		Color (moist)	%	_Type ¹ _	Loc ²	Text	ure		Remark	KS
0-4	10YR 5/1	955YF	R 4/6	5		M	clay		redox		
								 -			
1Type: C=Cor	 ncentration, D=Depletion	- RM=Reduced N	Matrix CS=Cover	ed or Coated	Sand Grains	2	l ocation: PI	=Pore Lir	ning BC=B	oot Channel,	M=Matrix
	Indicators: (Applica					-				atic Hydric	
Histosol		abic to all Little		Redox (S5)					(A9) (LR	-	
	pipedon (A2)			d Matrix (S					(A10) (L I		
	istic (A3)			Mucky Min	•				ertic (F18		
· —	en Sulfide (A4)			Gleyed Ma	. ,				t Material	•	
Stratifie	d Layers (A5) (LRR C	;)	X Deplete	ed Matrix (F	3)		Ot	her (Exp	lain in Re	marks)	
	uck (A9) (LRR D)			Dark Surface	` '						
	d Below Dark Surface	e (A11)		ed Dark Sur	. ,						
	ark Surface (A12)			Depression	ıs (F8)					cvegetation	
	Mucky Mineral (S1)		Vernal	Pools (F9)				-		ust be prese	ent,
	Gleyed Matrix (S4)						uni	ess alsit	irbea or p	roblematic.	
	Layer (if present):										
I	ound water										
Depth (inc	hes): <u>4</u>						Hydric So	il Preser	nt? Y	es X	No
Remarks: de	epleted matrix observ	red									
HYDROLOG	SY.										
	drology Indicators:							Second	dary Indic	ators (2 or	more required)
_	icators (minimum of o		eck all that app	olv)						(B1) (Riveri	
	Water (A1)		Salt Cru	<i></i>						posits (B2) (•
	ater Table (A2)		X Biotic Ci	,						(B3) (Rive i	•
Saturati	` '			Invertebrate	e (B13)					terns (B10)	iiie)
	Marks (B1) (Nonriver i	ine)		en Sulfide O	, ,				•	Nater Table	(C2)
	ent Deposits (B2) (No	-		d Rhizosphe	, ,	ivina Ro	ots (C3)			urface (C7)	(02)
I —	posits (B3) (Nonrive	-		e of Reduc	U	U	0.0 (00)		yfish Burr		
l —	Soil Cracks (B6)			Iron Reduct	-		6)	_	•	. ,	ial Imagery (C9)
	ion Visible on Aerial I	magery (B7)		ck Surface		000 (0	O)	_	allow Aqui		ar magery (00)
	Stained Leaves (B9)	magory (B1)		Explain in Re						Test (D5)	
	. , ,			эфинти	orriarrio)					1001 (20)	
Field Obser		N.	D 41- /:	-1 \	4						
Surface Wat		es <u>x</u> No	· `		4	_					
Water Table		es <u>x</u> No	<u> </u>		4	_				V V	NI-
Saturation P (includes car		es <u>x</u> No	Depth (in	ches):	4	_ wetia	and Hydro	logy Pre	esent?	Yes X	No
	orded Data (stream g	auge. monitorii	ng well, aerial p	hotos, prev	ious inspec	tions), if	available:				
	(> (, , , , , , , , , , , , , , , , , , , ,	J, P	· -, p. 3*	2530	,,					
Remarks: Su	ırface water present										

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	Sampling Date: 4/12/20)21
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 370	
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	ange: Section 31, T18S R	01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slope (%): (0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	32.55660171	91	Long: -117.01857963	Datum: NAD8	33
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent si	lopes			NWI classification	n: none	
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in F	Remarks.)	
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances		No
Are Vegetation, Soil, or Hydrology				(If needed, explain any ansv	wers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	features, etc.	
Hydrophytic Vegetation Present? Yes X	No		h - Camanda d	A		
Hydric Soil Present? Yes X	No		he Sampled . hin a Wetland	Y 2QV	No	
Wetland Hydrology Present? Yes X	No	_ ****	iiii a vvotiaii	u.		
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sample	d during the growing sea	ason and
VEGETATION – Use scientific frames of plants	Absolute	Dominant	Indicator	Dominance Test works	heet:	
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Spe		
1. none				That Are OBL, FACW, or		_(A)
2				Total Number of Dominal Species Across All Strata	··	(D)
				Percent of Dominant Spe		(B)
T		= Total Cove		That Are OBL, FACW, or		(A/B)
Sapling/Shrub Stratum (Plot size:)		10101 001	0 1			
1. none				Prevalence Index works	sheet:	
2.				Total % Cover of:	Multiply by:	_
3.				OBL species	x 1 =	_
4.				FACW species	x 2 =	_
5.				FAC species		
		= Total Cove	er	FACU species	x 4 =	_
Herb Stratum (Plot size:)				UPL species	x 5 =	_
1. Festuca perennis	20	Yes	FAC	Column Totals:	(A)	_(B)
2. Lythrum hyssopifolia	10	Yes	OBL	Prevalence Index	= B/A =	
3. Plagiobothrys acanthocarpus	1	No	OBL			
4. Spergularia bocconi	1	No	FACW	Hydrophytic Vegetation		
5. Hordeum depressum	1	No	FACW	X Dominance Test is		
6				Prevalence Index is		
7					iptations¹ (Provide suppo s or on a separate sheet	
8		- Total Cay			·	•
Woody Vine Stratum (Plot size:)	33	= Total Cov	/er	Problematic Hydro	phytic Vegetation¹ (Expl	aın)
1 1 1000				¹ Indicators of hydric soil	and watland hydrology	muet
2				be present, unless distu		must
2		= Total Cove		Hydrophytic		
% Bare Ground in Herb Stratum 67 % Co	ver of Biotic		0	Vegetation Present? Yes	s X No	
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro	 -watershed In addition to th	ne vernal pool consisting	 I
predominately of hydrophytic vegetation, it also supports						•

Profile Desc	ription: (Describe to	o the depth	needed to docum	ent the ind	dicator or	confirm t	the absence	of in	dicators.)
Depth	Matrix			edox Featu			_		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textur	<u>e</u>	Remarks
0-4	10YR 4/1	90	7.5YR 4/6	10	C	RC/M	clay		redox
5-6	10YR 4/2	95	10YR 5/4	5	C	M	clay		redox
6-18	10YR 4/3	100					sandy cla	у	no redox
							_		
1 _{Typo: C=Cor}	 ncentration, D=Depletion		and Matrix CS-Covere	d or Coated	Sand Grain	2	l ocation: PL =	Poro Li	ining, RC=Root Channel, M=Matrix.
	Indicators: (Applic		·			5.			Problematic Hydric Soils ³ :
Histosol		ubio to un i		Redox (S5)					k (A9) (LRR C)
	pipedon (A2)			d Matrix (S					k (A10) (LRR B)
	istic (A3)			Mucky Min	-				Vertic (F18)
	en Sulfide (A4)			Gleyed Ma	. ,				nt Material (TF2)
	d Layers (A5) (LRR (C)	X Deplete	-					plain in Remarks)
	uck (A9) (LRR D)	,		Dark Surfa	,			` '	,
	d Below Dark Surfac	e (A11)	— Deplete	d Dark Sur	face (F7)				
	ark Surface (A12)	, ,		Depression			3Indicato	ors of h	nydrophytic vegetation and
Sandy N	Mucky Mineral (S1)			Pools (F9)	, ,		wetla	and hy	drology must be present,
Sandy C	Gleyed Matrix (S4)			, ,			unles	ss dist	urbed or problematic.
Restrictive I	Layer (if present):								
Type:	, ,								
Depth (inc	hes):						Hydric Soil	Prese	nt? Yes X No
Remarks. de	epleted matrix observ	veu							
HYDROLOG	SY								
Wetland Hy	drology Indicators	:					<u> </u>	Secon	dary Indicators (2 or more required)
Primary Indi	cators (minimum of o	one required	d; check all that appl	y)				Wa	ater Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	st (B11)			_	Se	diment Deposits (B2) (Riverine)
High Wa	ater Table (A2)		Biotic Cri	ust (B12)			_	Dri	ft Deposits (B3) (Riverine)
Saturati	on (A3)		Aquatic I	nvertebrate	es (B13)		_	Dra	ainage Patterns (B10)
Water N	Marks (B1) (Nonriver	rine)	Hydroge	n Sulfide O	dor (C1)			Dry	y-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	— Thi	in Muck Surface (C7)
Drift De	posits (B3) (Nonrive	rine)	Presence	e of Reduc	ed Iron (C	4)	_	 Cra	ayfish Burrows (C8)
X Surface	Soil Cracks (B6)		Recent In	on Reduct	ion in Tille	d Soils (C	6)	— Sa	turation Visible on Aerial Imagery (C9)
	ion Visible on Aerial	Imagery (B		k Surface		•	_	— Sh	allow Aquitard (D3)
	Stained Leaves (B9)	3 , (· —	xplain in Re					C-Neutral Test (D5)
Field Obser	vations:		<u> </u>						
Surface Wat		es.	No X Depth (inc	hes)					
Water Table			No X Depth (inc			-			
Saturation P			No X Depth (inc				and Hydrolo	av Dr	esent? Yes X No
(includes cap		<u></u>	No X Deptil (inc			_ wella	and Hydroid	yy Fi	esent: les X NO
-	orded Data (stream o	gauge, mon	itoring well, aerial pl	notos, prev	ious inspe	ctions). if	available:		
	()	J J ,	, p .	, [,,			
	hough no surface wa	ater was pre	sent at the time of the	ne delineat	ion, evider	nce of surf	face soil crac	ks ind	icate that the area supports wetland
hydrology.									

Project/Site: Southwest Village Specific Plan Project		City/Cou	nty: San Dieg	0	Sampling Date: 4/12/	/2021
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point: 371	
Investigator(s): Beth Procsal, Andy Smisek		Section	, Township, R	Range: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	elief (concave,	, convex, none): concave	Slope (%)	: 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55647993	364	Long: -117.018597149	Datum: NAI	D83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classificatio	on: none	
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	s X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology	signifi	cantly distur	bed?	Are "Normal Circumstance	es" present? Yes X	No
Are Vegetation, Soil, or Hydrology				(If needed, explain any ans	wers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	t features, etc.	
Hydrophytic Vegetation Present? Yes X	_No	_	the Commission	Avaa		
Hydric Soil Present? Yes X	_No		the Sampled thin a Wetlan	Y 20 Y	X No	
Wetland Hydrology Present? Yes X	_No	_		- ·		
Remarks: The majority of the vegetation on the site had meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sample	ed during the growing s	season and
VEGETATION – Ose scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Sp		
1. none				That Are OBL, FACW, o		(A)
2. 3.				Total Number of Domina Species Across All Strat		(B)
4.				Percent of Dominant Sp	pecies	
		= Total Cov	ver	That Are OBL, FACW, o	or FAC: 100	(A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index work	(sheet:	
2				Total % Cover of:	Multiply by:	
3				OBL species	x 1 =	
4				FACW species		
5				FAC species		
Have Christians (Distrains)		= Total Cov	er er	FACU species	x 4 =	
Herb Stratum (Plot size:) 1. Plagiobothrys acanthocarpus	1	No	OBL	UPL species Column Totals:	x 5 = (A)	(B)
Friagrobothly's acanthocarpus Festuca perennis	5	Yes	FAC	Column rotals.	(^)	(D)
3. Lythrum hyssopifolia	3	Yes	OBL	Prevalence Index	x = B/A =	
4. Hordeum depressum	1	No	FACW	Hydrophytic Vegetatio	n Indicators	
				X Dominance Test is		
6				Prevalence Index		
7.				Morphological Ada	aptations¹ (Provide sup	
8				data in Remark	ks or on a separate she	eet)
	10	= Total Co	ver	Problematic Hydro	ophytic Vegetation¹ (Ex	kplain)
Woody Vine Stratum (Plot size:)						
1. <u>none</u> 2.				¹ Indicators of hydric soi be present, unless dist		y must
<u></u>		= Total Cov	/er	Hydrophytic Vegetation		
	over of Biotic		0	Present? Ye		
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it also support						ng

Depth	Matrix	0/		edox Featu		1 - 2		Б
(inches)	Color (moist)	<u>%</u>	Color (moist)		Type ¹	Loc ²	Texture	
0-3	10YR 4/2						clay	no redox
3-18	10YR 5/2	90 7.	5YR 4/4	10	<u> </u>	M	clay	redox
	ncentration, D=Depletion I Indicators: (Application					s. ² l		ore Lining, RC=Root Channel, M=Matrix. s for Problematic Hydric Soils³:
Histoso		able to all LN		Redox (S5)	•			Muck (A9) (LRR C)
	Epipedon (A2)			d Matrix (S6				Muck (A10) (LRR B)
_	listic (A3)			Mucky Mine				ced Vertic (F18)
	en Sulfide (A4)			Gleyed Mat	. ,			Parent Material (TF2)
	ed Layers (A5) (LRR C	2)	X Deplete	-	. ,			r (Explain in Remarks)
	luck (A9) (LRR D)	,		Dark Surfac	-			(=
	ed Below Dark Surface	e (A11)		d Dark Sur	` '			
	ark Surface (A12)	,		Depression	. ,		3Indicator	s of hydrophytic vegetation and
Sandy l	Mucky Mineral (S1)			Pools (F9)	` ,			nd hydrology must be present,
	Gleyed Matrix (S4)			, ,				s disturbed or problematic.
estrictive	Layer (if present):							
Type:			_					
Depth (inc	ches):		_				Hydric Soil F	Present? Yes X No
VDBOL OO	2V							
							Se	econdary Indicators (2 or more require
Wetland H	GY ydrology Indicators: licators (minimum of o		check all that app	ly)			Se	econdary Indicators (2 or more require Water Marks (B1) (Riverine)
Wetland Hy Primary Ind	ydrology Indicators:			-			<u>Se</u>	_Water Marks (B1) (Riverine)
Wetland Hy Primary Ind Surface	ydrology Indicators: licators (minimum of o		Salt Crus	st (B11)			<u>Se</u>	_ Water Marks (B1) (Riverine) _ Sediment Deposits (B2) (Riverine)
Wetland Hy Primary Ind Surface High W	ydrology Indicators: licators (minimum of o		Salt Crus	st (B11) ust (B12)	es (B13)		<u>Se</u>	_Water Marks (B1) (Riverine)
Wetland Hy Primary Ind Surface High W Saturat	ydrology Indicators: licators (minimum of o e Water (A1) /ater Table (A2)	one required;	Salt Crus X Biotic Cru Aquatic I	st (B11)			<u>Se</u>	_ Water Marks (B1) (Riverine) _ Sediment Deposits (B2) (Riverine) _ Drift Deposits (B3) (Riverine)
Wetland Hy Primary Ind Surface High W Saturat Water I	ydrology Indicators: dicators (minimum of o e Water (A1) /ater Table (A2) tion (A3)	ne required; o	Salt Crus X Biotic Cru Aquatic I Hydroge	st (B11) ust (B12) nvertebrate	dor (C1)	Living Roo		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Wetland Hy Primary Ind Surface High W Saturat Water I Sedime	ydrology Indicators: licators (minimum of o e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonriver	ine) nriverine)	Salt Crus X Biotic Cru Aquatic I Hydroge Oxidized	st (B11) ust (B12) nvertebrate n Sulfide O	dor (C1) eres along	-		_ Water Marks (B1) (Riverine) _ Sediment Deposits (B2) (Riverine) _ Drift Deposits (B3) (Riverine) _ Drainage Patterns (B10) _ Dry-Season Water Table (C2)
Wetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De	ydrology Indicators: dicators (minimum of of ea Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonriverient Deposits (B2) (No	ine) nriverine)	Salt Crus X Biotic Cru Aquatic I Hydroge Oxidized Presence	st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe	dor (C1) eres along ed Iron (C4	1)		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Wetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface	ydrology Indicators: licators (minimum of o e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonriveri ent Deposits (B2) (Non eposits (B3) (Nonriveri e Soil Cracks (B6)	ine) nriverine) rine)	Salt Crus X Biotic Cri Aquatic I Hydroge Oxidized Presence Recent I	st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduce	dor (C1) eres along ed Iron (C4 on in Tille	1)		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C
Wetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inundat	ydrology Indicators: dicators (minimum of of the Water (A1) /ater Table (A2) dition (A3) Marks (B1) (Nonriverial Deposits (B2) (Nonriverial Deposits (B3) (N	ine) nriverine) rine)	Salt Crus X Biotic Cri Aquatic I Hydroge Oxidized Presence Recent II Thin Muc	st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduce	dor (C1) eres along ed Iron (C ² on in Tilled (C7)	1)		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Wetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inundat Water-S	ydrology Indicators: licators (minimum of of the Water (A1) /ater Table (A2) lition (A3) Marks (B1) (Nonriverient Deposits (B2) (Nonriveries Soil Cracks (B6) lition Visible on Aerial II Stained Leaves (B9) rvations:	ine) nriverine) rine) magery (B7)	Salt Crus X Biotic Cri Aquatic I Hydroge Oxidized Presence Recent II Thin Muc	st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduce ron Reducti ck Surface (xplain in Re	dor (C1) eres along ed Iron (C ² on in Tilled (C7)	1)		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Can Shallow Aquitard (D3)
Wetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inundat Water-5 Field Obser Surface Wat	ydrology Indicators: licators (minimum of o e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonriveri ent Deposits (B2) (Non eposits (B3) (Nonriveri e Soil Cracks (B6) tion Visible on Aerial II Stained Leaves (B9) rvations: ter Present?	ine) nriverine) rine) magery (B7)	Salt Crus X Biotic Cri Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E:	st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduce ron Reducti ck Surface (xplain in Re	dor (C1) eres along ed Iron (C ² on in Tilled (C7)	1)		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Can Shallow Aquitard (D3)
Wetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inundat Water-5 Field Obser Surface Wat	ydrology Indicators: licators (minimum of of the Water (A1) /ater Table (A2) ltion (A3) Marks (B1) (Nonriverient Deposits (B2) (Nonriverient Soil Cracks (B6) ltion Visible on Aerial II Stained Leaves (B9) rvations: ter Present? Y	ine) nriverine) magery (B7) es N es N	Salt Crus X Biotic Crus Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (Extending to X) Depth (inco	st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduce ron Reducti ck Surface e xplain in Re	dor (C1) eres along ed Iron (C ² on in Tilled (C7)	4) d Soils (Ce	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P	ydrology Indicators: licators (minimum of of the Water (A1) /ater Table (A2) ltion (A3) Marks (B1) (Nonriverient Deposits (B2) (Nonriverient Soil Cracks (B6) ltion Visible on Aerial II Stained Leaves (B9) rvations: ter Present? Y	ine) nriverine) magery (B7) es N es N	Salt Crus X Biotic Cri Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E:	st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduce ron Reducti ck Surface e xplain in Re	dor (C1) eres along ed Iron (C ² on in Tilled (C7)	4) d Soils (Ce		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes ca	ydrology Indicators: dicators (minimum of or e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonriveri ent Deposits (B2) (Nonriveri es Soil Cracks (B6) tion Visible on Aerial II Stained Leaves (B9) rvations: ter Present? Present? Y	ine) nriverine) magery (B7) es N es N	Salt Crus X Biotic Crus Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (Extended to X) Depth (inco X Depth (inco X Depth (inco	st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduce ron Reducti ck Surface e xplain in Re ches): ches):	dor (C1) eres along ed Iron (C4 on in Tiller (C7) emarks)	4) d Soils (C6	ots (C3) int (C3) int (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inundar Water-S Field Obser Surface Wat Water Table Saturation P (includes ca	ydrology Indicators: licators (minimum of o e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonriveri ent Deposits (B2) (Nori eposits (B3) (Nonriveri e Soil Cracks (B6) tion Visible on Aerial II Stained Leaves (B9) rvations: ter Present? Present? Y Present? Y pilllary fringe)	ine) nriverine) magery (B7) es N es N	Salt Crus X Biotic Crus Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (Extended to X) Depth (inco X Depth (inco X Depth (inco	st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduce ron Reducti ck Surface e xplain in Re ches): ches):	dor (C1) eres along ed Iron (C4 on in Tiller (C7) emarks)	4) d Soils (C6	ots (C3) int (C3) int (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P includes ca escribe Rec	ydrology Indicators: dicators (minimum of of the Water (A1) /ater Table (A2) dition (A3) Marks (B1) (Nonriver) ent Deposits (B2) (Nonriver) ent Deposits (B3) (Nonriver) ent Soil Cracks (B6) dition Visible on Aerial II Stained Leaves (B9) rvations: ter Present? Present? Y Present? Y Present? Y Present? Y Present? Y Present? Y Stained Leaves (B9) Corded Data (stream getthough no surface wa	ine) nriverine) rine) magery (B7) es N es N gauge, monito	Salt Crus X Biotic Crus Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E: O X Depth (inc	st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduct ck Surface (xplain in Re ches): ches):	dor (C1) Pres along Pr	Wetla	ots (C3) S) and Hydrolog available:	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inundat Water-S Gurface Water Vater Table Saturation P Includes ca escribe Rec	ydrology Indicators: dicators (minimum of of the Water (A1) /ater Table (A2) dition (A3) Marks (B1) (Nonrivering the Deposits (B2) (Nonrivering the Soil Cracks (B6) dition Visible on Aerial In Stained Leaves (B9) rvations: ter Present? Present? Present? Yelliary fringe) corded Data (stream general minimum to the property of the present of the pr	ine) nriverine) rine) magery (B7) es N es N gauge, monito	Salt Crus X Biotic Crus Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E: O X Depth (inc	st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduct ck Surface (xplain in Re ches): ches):	dor (C1) Pres along Pr	Wetla	ots (C3) S) and Hydrolog available:	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3) FAC-Neutral Test (D5)

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	oS	Sampling Date: 4/12/2021
Applicant/Owner: Tri Point Homes				State: CA S	Sampling Point: 372
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	ange: Section 31, T18S R0	11W
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave	Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.556407690	09	Long: -117.018586512	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl	lopes			NWI classification	: none
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in R	demarks.)
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances"	
Are Vegetation Soil , or Hydrology				(If needed, explain any answ	vers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important f	eatures, etc.
Hydrophytic Vegetation Present? Yes X	No		0	A	
Hydric Soil Present? Yes X	No		ne Sampled nin a Wetlan	Y 2QV	No
Wetland Hydrology Present? Yes X	No	_	iiii a vvotiaii	u.	
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to p	past land use	es. This feature was sampled	during the growing season and
VEGETATION – Use scientific fiames of plants	Absolute	Dominant	Indicator	Dominance Test worksh	eet:
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Spe	
1. none				That Are OBL, FACW, or	
2				Total Number of Dominan Species Across All Strata:	
				Percent of Dominant Spec	
4		= Total Cove	er	That Are OBL, FACW, or	
Sapling/Shrub Stratum (Plot size:)		. 510 557.			
1. none				Prevalence Index works	heet:
2.				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4.				FACW species	x 2 =
5				FAC species	
		= Total Cove	er	FACU species	x 4 =
Herb Stratum (Plot size:)				UPL species	x 5 =
Lythrum hyssopifolia	7	Yes	OBL	Column Totals:	(A)(B)
2. Festuca perennis	10	Yes	FAC	Prevalence Index :	= B/A =
3. Plagiobothrys acanthocarpus		No No	OBL		
4. Spergularia bocconi		No No	FACW	Hydrophytic Vegetation	
5. Triglochin scilloides		No No	OBL	X Dominance Test is	
6. Hordeum depressum 7.	1	No	FACW_	Prevalence Index is	
8.					otations¹ (Provide supporting s or on a separate sheet)
	21	= Total Cov	/er	Problematic Hydron	ohytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				, '	, 5 (1 /
1none				¹ Indicators of hydric soil a be present, unless distur	and wetland hydrology must
2				be present, unless distur	
% Bare Ground in Herb Stratum 79 % Co	ver of Biotic	= Total Cove	er	Hydrophytic Vegetation Present? Yes	X No
			الامما بيناء		
Remarks: Sample area is a vernal pool that receives ru predominately of hydrophytic vegetation, it does support					

Profile Desc	ription: (Describe to	the depth	needed to docum	ent the in	dicator or	confirm	the absend	ce of indic	cators.)
Depth	Matrix			edox Featu					
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	_ Text		Remarks
0-8	10YR 5/2	98	10YR 5/6	2		RC	_ (missing	<u> </u>	
3-18	7.5YR 5/3	100					(missing	<u>) </u>	
							_		
					· ·		_		
							_		
¹ Type: C=Cor	ncentration, D=Depletion	RM=Reduce	ed Matrix CS=Covere	d or Coated	Sand Grain	s :	2l ocation: PI	=Pore I inir	ng, RC=Root Channel, M=Matrix.
	Indicators: (Applic		·			<u>. </u>			roblematic Hydric Soils ³ :
Histoso		to u <u>-</u>		Redox (S5					A9) (LRR C)
_	pipedon (A2)			d Matrix (S					A10) (LRR B)
_	istic (A3)			Mucky Min				educed Ve	
_	en Sulfide (A4)			Gleyed Ma					Material (TF2)
Stratifie	d Layers (A5) (LRR (C)	Deplete	d Matrix (F	- 3)		Ot	her (Expla	in in Remarks)
	uck (A9) (LRR D)			Dark Surfa	` '				
	d Below Dark Surfac	e (A11)		d Dark Su	, ,				
	ark Surface (A12)		X Redox I		ns (F8)				drophytic vegetation and
	Mucky Mineral (S1)		Vernal I	Pools (F9)				-	ology must be present,
Sandy 0	Gleyed Matrix (S4)						uni	ess disturi	bed or problematic.
Restrictive	Layer (if present):								
Type:									
Depth (inc	hes):						Hydric Sc	il Present	? Yes X No
Remarks: S	oil meets redox depr	essions indic	cator.				1		
	•								
HYDROLOG	sv.								
								Cd-	In dianta wa (2 au maana manuina d)
1	drology Indicators		, abaak all that ann	h.A					ry Indicators (2 or more required)
	icators (minimum of o	one required	•	• /					r Marks (B1) (Riverine)
	Water (A1)		Salt Crus						ment Deposits (B2) (Riverine)
_ ·	ater Table (A2)		X Biotic Cr	, ,					Deposits (B3) (Riverine)
l ——	ion (A3)			nvertebrat					age Patterns (B10)
	Marks (B1) (Nonriver		<u> </u>	n Sulfide C	, ,			_	Season Water Table (C2)
	ent Deposits (B2) (No	,		•	eres along		oots (C3)		Muck Surface (C7)
	posits (B3) (Nonrive	rine)			ed Iron (C4	,	١٥)		fish Burrows (C8)
l —	Soil Cracks (B6)	(5-			tion in Tille	d Soils (C	(6)		ration Visible on Aerial Imagery (C9)
l —	ion Visible on Aerial	magery (B7		k Surface	-				ow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (E	xplain in R	emarks)			FAC-	Neutral Test (D5)
Field Obser	vations:								
Surface Wat	er Present? Y	'es	No X Depth (inc	:hes):					
Water Table			No X Depth (inc	hes):					
Saturation P	resent? Y	'es	No X Depth (inc	:hes):		Wetl	and Hydro	logy Pres	ent? Yes X No
	pillary fringe)								
Describe Rec	orded Data (stream o	gauge, moni	toring well, aerial pl	notos, prev	ious inspe	ctions), if	available:		
Remarks: Alt	hough no surface wa	iter was pro-	sent at the time of the	ne delineed	tion evider	nce of our	face soil or	acke and h	piotic crust indicate that the area
	and hydrology.	itei was pies	ocht at the tille OF t	ie ueilileai	uori, evider	ice oi sul	iace soli Ci	auno anu l	none crust indicate that the area
	, 5,								

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	Sampling Date: 4/12/2021	
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 373	
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	Range: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%): 0-2	
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55640188	96	Long: -117.018548017	Datum: NAD83	
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification	on: none	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology _					es" present? Yes X No	
Are Vegetation, Soil, or Hydrology				(If needed, explain any ans	swers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	t features, etc.	
Hydrophytic Vegetation Present? Yes X	_No	_ le t	he Sampled	Aroa		
Hydric Soil Present? Yes X	_No		hin a Wetlan	YAC)	X No	
Wetland Hydrology Present? Yes X	No	_				
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sample	ed during the growing season a	and
VEGETATION — 636 Scientific fluines of plants	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:) 1. none	% Cover		Status	Number of Dominant Sp		
2.				That Are OBL, FACW, of Total Number of Domina	ant	
3				Species Across All Strat	(D)	
4				Percent of Dominant Sp That Are OBL, FACW, o		В)
Sapling/Shrub Stratum (Plot size:)		= Total Cov	er			-
1. none				Prevalence Index work	 csheet:	
				Total % Cover of:	Multiply by:	
3.				OBL species	x 1 =	
4.				FACW species		
5.				FAC species	•	
		= Total Cov	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
Plagiobothrys acanthocarpus	1	No	OBL	Column Totals:	(B)	
2. Festuca perennis	20	Yes	FAC	Prevalence Inde	x = B/A =	
3. Hordeum depressum	5	No	FACW			
4				Hydrophytic Vegetatio		
5				X_ Dominance Test is		
6.				Prevalence Index		
7. 8.					aptations ¹ (Provide supporting ks or on a separate sheet)	
0		= Total Co	· · · · · · · · · · · · · · · · · · ·		,	
Woody Vine Stratum (Plot size:)		- Total Co	vei	Problematic Hydro	ophytic Vegetation¹ (Explain)	
1 none				¹ Indicators of hydric so	il and wetland hydrology must	
2				be present, unless dist		
2.		= Total Cov	er	Hydrophytic Vegetation		
	ver of Biotic			Present? Ye		
Remarks: Sample area is a vernal pool that receives ru predominately of hydrophytic vegetation, it also support						

Depth	Matrix			dox Featu			_			_	
(inches)	Color (moist)	%	Color (moist)	%	_Type ¹	Loc ²	Texture			Remarks	
0-3	10YR 4/1	98	7.5YR 5/8	1	C	RC	sandy clay				
4-18	7.5YR 5/3	100					sandy clay				
							_				
							_				
					. ——						
Type: C=Co	 ncentration, D=Depletion	, RM=Reduc	ed Matrix, CS=Covere	d or Coated	Sand Grain	s. 2	 Location: PL=P	ore Lining, R	C=Root C	hannel, M=	Matrix.
lydric Soil	Indicators: (Applica	ble to all L	RRs, unless other	wise note	ed.)		Indicator	s for Prob	lematic I	lydric So	ils³:
Histoso	I (A1)		Sandy F	Redox (S5)		1 cm	Muck (A9)	(LRR C)		
Histic E	pipedon (A2)		Stripped	l Matrix (S	66)		2 cm	Muck (A10) (LRR B	3)	
Black H	istic (A3)		Loamy I	Mucky Mir	neral (F1)		Redu	ced Vertic	(F18)		
Hydroge	en Sulfide (A4)		Loamy (Gleyed Ma	atrix (F2)		Red F	Parent Mate	erial (TF2	2)	
Stratifie	d Layers (A5) (LRR C	;)	Deplete	d Matrix (F	=3)		Other	r (Explain ir	n Remark	s)	
1 cm M	uck (A9) (LRR D)		Redox [Dark Surfa	ce (F6)						
	d Below Dark Surface	e (A11)			rface (F7)						
	ark Surface (A12)		X Redox [•	. ,			s of hydrop			d
	Mucky Mineral (S1)		Vernal F	Pools (F9)				nd hydrolog	-		
Sandy (Gleyed Matrix (S4)						unless	s disturbed	or proble	matic.	
estrictive	l aver (if present):										
	Layer (if present):										
Туре:			<u> </u>								
Type:							Hydric Soil F	Present?	Yes _	<u>X</u>	No
Type: Depth (inc Remarks: s	hes):oil meets redox depre						Hydric Soil F	Present?	Yes _	X	No
Type: Depth (incomments: so	hes):oil meets redox depre	ssions indid					1	Present?	_		
Type:	hes):oil meets redox depre	ssions indic	cator	у)			1	econdary I	ndicator		ore require
Type: Depth (income semarks: sema	hes): poil meets redox depre SY ydrology Indicators: icators (minimum of o	ssions indic	cator				1	econdary I _ Water Ma	ndicator	s (2 or mo	ore require
Type: Depth (income semarks: semar	oil meets redox depre	ssions indic	cator d; check all that appl Salt Crus	st (B11)			1	econdary I Water Ma Sedimen	ndicator arks (B1) t Deposit	s (2 or mo (Riverine s (B2) (Riv	ore require) verine)
Type:	hes):	ssions indic	cator d; check all that appl Salt Crus Biotic Cru	st (B11) ust (B12)	es (B13)		1	econdary I Water Ma Sedimen Drift Dep	ndicator arks (B1) t Deposit osits (B3)	s (2 or mo (Riverine s (B2) (Riv	ore require) verine)
Type: Depth (inc Remarks: so YDROLOG Wetland Hy Primary Ind Surface High W Saturat	coil meets redox depression of the second se	ssions indid	cator d; check all that appl Salt Crus X Biotic Cru Aquatic I	st (B11) ust (B12) nvertebrat	, ,		1	econdary I Water Ma Sedimen Drift Dep Drainage	ndicator arks (B1) t Deposit osits (B3	s (2 or mo (Riverine s (B2) (Riverine s (B10)	ore require) /erine)
Type: Depth (incomplete incomplete inc	ches):	ne required	cator d; check all that appl Salt Crus X Biotic Cru Aquatic I	st (B11) ust (B12) nvertebrat n Sulfide (Odor (C1)	Livina Ro	<u>Se</u>	econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas	ndicator arks (B1) t Deposit osits (B3 Patterns son Wate	s (2 or mo (Riverine s (B2) (Riverine s (B10) r Table (C	ore require) /erine)
Type:	ches):	ne required	d; check all that appl Salt Crus X Biotic Cru Aquatic II Hydrogei Oxidized	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph	Odor (C1) eres along	•	<u>Se</u>	econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc	ndicator arks (B1) t Deposit osits (B3 Patterns son Wate	s (2 or mo (Riverine s (B2) (Riverine s (B10) r Table (C e (C7)	ore require) /erine)
Type:	ches):	ne required	d; check all that appl Salt Crus X Biotic Cru Aquatic I Hydroger Oxidized Presence	et (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduce	Odor (C1) eres along ced Iron (C	4)	Se	econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc	ndicator arks (B1) t Deposit osits (B3 Patterns son Wate sk Surface Burrows	s (2 or mo (Riverine s (B2) (Riverine s (B10) r Table (C e (C7) (C8)	ore require) verine) e)
Type:	ches): poil meets redox depre	ne required ine) nriverine)	cator d; check all that appl Salt Crus X Biotic Cru Aquatic I Hydrogel Oxidized Presence Recent Ir	st (B11) ust (B12) nvertebrat n Sulfide C Rhizosph e of Reduc	Odor (C1) eres along ed Iron (Cition in Tille	4)	Se	econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio	ndicator arks (B1) t Deposit osits (B3 Patterns son Wate sk Surface Burrows n Visible	s (2 or mo (Riverine s (B2) (Riverine s (B10) r Table (C e (C7) (C8) on Aerial	ore require) verine) e)
Type:	ches): coil meets redox depres cydrology Indicators: icators (minimum of of of of of of of of of of of of of	ne required ine) nriverine)	cator d; check all that appl Salt Crus X Biotic Cru Aquatic II Hydroget Oxidized Presence Recent Ir Thin Muc	st (B11) ust (B12) nvertebrat n Sulfide C Rhizosph e of Reduc on Reduc	Odor (C1) eres along ed Iron (Cition in Tille (C7)	4)	Se	econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow	ndicator arks (B1) t Deposit osits (B3 Patterns son Wate ck Surface Burrows n Visible	s (2 or mo (Riverine s (B2) (Riv) (Riverine s (B10) r Table (C e (C7) (C8) on Aerial (D3)	ore require) verine) e)
Type:	ches):	ne required ine) nriverine)	cator d; check all that appl Salt Crus X Biotic Cru Aquatic II Hydroget Oxidized Presence Recent Ir Thin Muc	st (B11) ust (B12) nvertebrat n Sulfide C Rhizosph e of Reduc	Odor (C1) eres along ed Iron (Cition in Tille (C7)	4)	Se	econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio	ndicator arks (B1) t Deposit osits (B3 Patterns son Wate ck Surface Burrows n Visible	s (2 or mo (Riverine s (B2) (Riv) (Riverine s (B10) r Table (C e (C7) (C8) on Aerial (D3)	ore require) verine) e)
Type:	ches):	ne required ine) nriverine) rine) magery (B7	d; check all that appl Salt Crus X Biotic Cru Aquatic II Hydrogei Oxidized Presence Recent Ir Thin Muc	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc ron Reduc sk Surface kplain in R	Odor (C1) eres along ed Iron (Cition in Tille (C7)	4)	Se	econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow	ndicator arks (B1) t Deposit osits (B3 Patterns son Wate ck Surface Burrows n Visible	s (2 or mo (Riverine s (B2) (Riv) (Riverine s (B10) r Table (C e (C7) (C8) on Aerial (D3)	ore require) verine) e)
Type:	ches):	ne required ine) nriverine) rine) magery (B7	d; check all that appl Salt Crus X Biotic Cru Aquatic II Hydrogel Oxidized Presence Recent Ir Thin Muc Other (Ex	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduct on Reduct k Surface kplain in R	Odor (C1) eres along ed Iron (C tion in Tille (C7) emarks)	4) d Soils (C	Se	econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow	ndicator arks (B1) t Deposit osits (B3 Patterns son Wate ck Surface Burrows n Visible	s (2 or mo (Riverine s (B2) (Riv) (Riverine s (B10) r Table (C e (C7) (C8) on Aerial (D3)	ore require) /erine)
Type:	ches): coil meets redox depression of the position (A3) Marks (B1) (Nonriversion (No	ine) magery (B7	cator d; check all that appl Salt Crus X Biotic Cru Aquatic II Hydroget Oxidized Presence Recent Ir Thin Muc Other (Ex	st (B11) ust (B12) nvertebrat n Sulfide C Rhizosph e of Reduc con Reduc k Surface k plain in R hes): hes):	Odor (C1) eres along ed Iron (C tion in Tille (C7) emarks)	4) d Soils (C	oots (C3)	econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow A	ndicator arks (B1) t Deposit osits (B3) Patterns son Wate ck Surface Burrows n Visible Aquitard utral Test	s (2 or mo (Riverine s (B2) (Riv) (Riverine s (B10) r Table (C e (C7) (C8) on Aerial (D3) (D5)	ore require) verine) e) 2) magery (C
Type:	ches): coil meets redox depres coil minimum of ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil	ine) magery (B7	d; check all that appl Salt Crus X Biotic Cru Aquatic II Hydrogel Oxidized Presence Recent Ir Thin Muc Other (Ex	st (B11) ust (B12) nvertebrat n Sulfide C Rhizosph e of Reduc con Reduc k Surface k plain in R hes): hes):	Odor (C1) eres along ed Iron (C tion in Tille (C7) emarks)	4) d Soils (C	Se	econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow A	ndicator arks (B1) t Deposit osits (B3) Patterns son Wate ck Surface Burrows n Visible Aquitard utral Test	s (2 or mo (Riverine s (B2) (Riv) (Riverine s (B10) r Table (C e (C7) (C8) on Aerial (D3)	ore require) verine) e) 2) magery (C
Type:	ches): coil meets redox depres coil minimum of ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil	ine) ineriverine) inagery (B7	cator d; check all that appl Salt Crus X Biotic Cru Aquatic II Hydrogel Oxidized Presence Recent Ir Thin Muc Other (Ex	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduction	Odor (C1) eres along ced Iron (C tion in Tille (C7) emarks)	4) d Soils (C	oots (C3)	econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow A	ndicator arks (B1) t Deposit osits (B3) Patterns son Wate ck Surface Burrows n Visible Aquitard utral Test	s (2 or mo (Riverine s (B2) (Riv) (Riverine s (B10) r Table (C e (C7) (C8) on Aerial (D3) (D5)	ore require) verine) e) 2) magery (Cs
Type:	ches): coil meets redox depres coil minimum of ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil coil minimum ocil	ine) ineriverine) inagery (B7	cator d; check all that appl Salt Crus X Biotic Cru Aquatic II Hydrogel Oxidized Presence Recent Ir Thin Muc Other (Ex	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduction	Odor (C1) eres along ced Iron (C tion in Tille (C7) emarks)	4) d Soils (C	oots (C3)	econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow A	ndicator arks (B1) t Deposit osits (B3) Patterns son Wate ck Surface Burrows n Visible Aquitard utral Test	s (2 or mo (Riverine s (B2) (Riv) (Riverine s (B10) r Table (C e (C7) (C8) on Aerial (D3) (D5)	ore require) verine) e) 2) magery (C
Type:	coil meets redox depression of the service of the s	ine) magery (B7 eseseseseauge, mon	cator d; check all that appl Salt Crus X Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (E) No X Depth (inc No X Depth (inc No X Depth (incitoring well, aerial ph	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc on Reduc ck Surface kplain in R hes): hes): hes):	Odor (C1) eres along ced Iron (C- tion in Tille (C7) emarks)	4) d Soils (C	oots (C3)	econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow / FAC-Neu	ndicator arks (B1) t Deposit osits (B3) Patterns son Wate ck Surface Burrows n Visible Aquitard utral Test	s (2 or mo (Riverine s (B2) (Riverine s (B10) r Table (C e (C7) (C8) on Aerial (D3) (D5)	ore require) /erine) 2) magery (C
Type:	ches):	ine) magery (B7 eseseseseauge, mon	cator d; check all that appl Salt Crus X Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (E) No X Depth (inc No X Depth (inc No X Depth (incitoring well, aerial ph	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc on Reduc ck Surface kplain in R hes): hes): hes):	Odor (C1) eres along ced Iron (C- tion in Tille (C7) emarks)	4) d Soils (C	oots (C3)	econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow / FAC-Neu	ndicator arks (B1) t Deposit osits (B3) Patterns son Wate ck Surface Burrows n Visible Aquitard utral Test	s (2 or mo (Riverine s (B2) (Riverine s (B10) r Table (C e (C7) (C8) on Aerial (D3) (D5)	ore require) /erine) 2) magery (C
Type:	coil meets redox depression of the service of the s	ine) magery (B7 eseseseseauge, mon	cator d; check all that appl Salt Crus X Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (E) No X Depth (inc No X Depth (inc No X Depth (incitoring well, aerial ph	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc on Reduc ck Surface kplain in R hes): hes): hes):	Odor (C1) eres along ced Iron (C- tion in Tille (C7) emarks)	4) d Soils (C	oots (C3)	econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow / FAC-Neu	ndicator arks (B1) t Deposit osits (B3) Patterns son Wate ck Surface Burrows n Visible Aquitard utral Test	s (2 or mo (Riverine s (B2) (Riverine s (B10) r Table (C e (C7) (C8) on Aerial (D3) (D5)	ore require) /erine) 2) magery (C

Project/Site: Southwest Village Specific Plan	n Project		City/Cou	unty: San Dieg	10	Sampling Date	e: 4/12/2021
Applicant/Owner: Tri Point Homes					State: CA	— Sampling Poir	nt: 374
Investigator(s): Beth Procsal, Andy Smisek			Section	n, Township, F	Range: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa top					, convex, none): concave		ope (%): 0-2
Subregion (LRR): C - Mediterranean Califor		Lat:		•	Long: -117.018500877		um: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to					NWI classificati		
Are climatic / hydrologic conditions on the sit		-	f vear? Ye	s X No			
Are Vegetation X, Soil , or H					Are "Normal Circumstance		es X No
Are Vegetation, SoilX, or Hy					(If needed, explain any an	•	
SUMMARY OF FINDINGS – Attach si							,
Hydrophytic Vegetation Present?	es X	_No		Ale a Communicati	A		
Hydric Soil Present? You	es X	_No		the Sampled thin a Wetlan	VΔC	X No	
Wetland Hydrology Present?	es X	No	_ "				
Remarks: The majority of the vegetation of meets the wetland criteria. VEGETATION – Use scientific names			urbed due k	o pastianu use	es. This leature was samp	led duffing the gr	owing season an
		Absolute	Dominant		Dominance Test work	sheet:	
Tree Stratum (Plot size:)	% Cover	Species?	_ Status	Number of Dominant S		
1. <u>none</u> 2.					That Are OBL, FACW, Total Number of Domin		(A)
3.					Species Across All Stra		5 (B)
4.					Percent of Dominant Sp		
			= Total Co	ver	That Are OBL, FACW,	or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none					Prevalence Index wor	ksheet:	
2					Total % Cover of:		tiply by:
3					OBL species		
4					FACW species		
5					FAC species	x 3 =	
Lloub Chrotium (Districts	,		= Total Co	ver	FACU species		
Herb Stratum (Plot size:)	1	Voc		UPL species Column Totals:		(B)
Spergularia bocconi Festuca perennis		1	Yes Yes	FACW FAC	Column rotals.	(A)	(В)
3. Plagiobothrys acanthocarpus			Yes	OBL	Prevalence Inde	ex = B/A =	
4. Hordeum depressum		1	Yes	FACW	Hydrophytic Vegetation	on Indicators:	
5. Polypogon monspeliensis		1	Yes	FACW	X Dominance Test		
6.		·			Prevalence Index		
7.					Morphological Ac		vide supportina
8.						rks or on a sepa	
		5	= Total Co	over	Problematic Hydi	rophytic Vegetat	tion¹ (Explain)
Woody Vine Stratum (Plot size:)						,
1. none					¹ Indicators of hydric so		
2.					be present, unless dis	turbed or proble	matic.
			= Total Co	ver	Hydrophytic		
% Bare Ground in Herb Stratum95	% Co	over of Biotic	Crust		Vegetation Present?	′es	No
Remarks: Sample area is a vernal pool that							consisting
predominately of hydrophytic vegetation, it a	iso suppor	is one verna	ii pooi piant	iridicator speci	es (Piagiobothrys acantho	icarpus).	

	Matrix			edox Featu			_		
(inches)	Color (moist)	%	Color (moist)		Type ¹	Loc ²	Texture	<u> </u>	Remarks
0-1	10YR 4/2	100					clay	no redox	
1-4	10YR 4/3	99	7.5YR 4/4	1		М	sandy clay	redox	
4-18	10YR 4/3	100					sandy clay	no redox	
							-		
				·					
·							_		
	•		ed Matrix, CS=Covere			i. 2			Root Channel, M=Matrix.
•	`	cable to all L	RRs, unless other.		•				atic Hydric Soils ³ :
Histosol	` '			Redox (S5	•			Muck (A9) (LR	•
	pipedon (A2)			d Matrix (S				Muck (A10) (L	
Black His	` '			Mucky Min				uced Vertic (F18	•
	n Sulfide (A4) I Layers (A5) (LRR	R C)		Gleyed Ma ed Matrix (F				Parent Material r (Explain in Re	` '
	ck (A9) (LRR D)	/		Dark Surfa	,			(,
Depleted	l Below Dark Surfa	ace (A11)	Deplete	ed Dark Su	rface (F7)				
	ark Surface (A12)			Depressior	` '			, , ,	c vegetation and
	lucky Mineral (S1)		Vernal I	Pools (F9)				nd hydrology m s disturbed or p	•
Sandy G	sleyed Matrix (S4)						unies	s disturbed or p	orobiematic.
Poetrictivo I	avor (it procont)								
Restrictive L									
Type: Depth (inch Remarks: red hydrophytic v	nes):dox observed, but egetation and wetl	no hydric soil and hydrology	indicators met. How	vernal pool	I that is sea	sonally po	onded and m	blematic due to	es X No strong indicators of oil indicators due to lim
Type: Depth (inch Remarks: red hydrophytic v saturation de	dox observed, but egetation and wetl pth, saline condition	no hydric soil and hydrology	indicators met. How y. This feature is a	vernal pool	I that is sea	sonally po	here as prolonded and m	blematic due to	strong indicators of
Type: Depth (inch Remarks: red nydrophytic vi saturation dep	nes):dox observed, but regetation and wetlepth, saline condition	no hydric soil land hydrology ns, or other fa	indicators met. How y. This feature is a	vernal pool	I that is sea	sonally po	d here as prolonded and mace.	blematic due to ay lack hydric s	strong indicators of oil indicators due to lim
Type: Depth (inch Remarks: rec hydrophytic v saturation dep	nes):dox observed, but regetation and wetlepth, saline condition	no hydric soil land hydrology ns, or other fa	indicators met. How y. This feature is a	vernal pool nclude hum	I that is sea	sonally po	d here as prolonded and mace.	blematic due to ay lack hydric s econdary Indic	strong indicators of oil indicators due to lim
Type: Depth (inch Remarks: rec hydrophytic v saturation dep YDROLOG Wetland Hyd Primary Indic	nes):dox observed, but regetation and wetlepth, saline condition	no hydric soil land hydrology ns, or other fa	indicators met. How y. This feature is a vactors, which may in	vernal pool nclude hun	I that is sea	sonally po	d here as prolonded and mace.	blematic due to ay lack hydric s econdary Indic Water Marks	strong indicators of oil indicators due to lim
Type: Depth (inch Remarks: rec hydrophytic v saturation dep YDROLOG Wetland Hyd Primary Indic	nes):dox observed, but egetation and wetlepth, saline condition	no hydric soil land hydrology ns, or other fa	indicators met. How y. This feature is a vactors, which may in	vernal pool nclude hum ly) st (B11)	I that is sea	sonally po	d here as prolonded and mace.	blematic due to ay lack hydric s econdary Indic Water Marks Sediment De	strong indicators of oil indicators due to lim
Type: Depth (inch Remarks: rec hydrophytic v saturation dep YDROLOG Wetland Hyd Primary Indic	dox observed, but regetation and wetlepth, saline condition Y drology Indicator cators (minimum of Water (A1) ater Table (A2)	no hydric soil land hydrology ns, or other fa	indicators met. Howay. This feature is a vactors, which may in the control of the	vernal pool nclude hum ly) st (B11)	I that is sea: nan-caused	sonally po	d here as prolonded and mace.	econdary Indic Water Marks Sediment De	strong indicators of oil indicators due to lim cators (2 or more requ (B1) (Riverine) sposits (B2) (Riverine) s (B3) (Riverine)
Type: Depth (inch Remarks: red hydrophytic visaturation dep YDROLOG Wetland Hyd Primary Indic Surface to High Wa Saturation	dox observed, but regetation and wetlepth, saline condition Y drology Indicator cators (minimum of Water (A1) ater Table (A2)	no hydric soil land hydrology ns, or other fa s: f one required	indicators met. How y. This feature is a vactors, which may in the check all that app Salt Crustan Aquatic I	vernal pool nclude hun ly) st (B11) ust (B12)	I that is seaman-caused	sonally po	d here as prolonded and mace.	econdary Indic Water Marks Sediment De Drift Deposits Drainage Pat	strong indicators of oil indicators due to lim cators (2 or more requ (B1) (Riverine) sposits (B2) (Riverine) s (B3) (Riverine)
Type: Depth (inch Remarks: rec hydrophytic v saturation dep YDROLOG Wetland Hyd Primary Indic Surface High Wa Saturatic Water M	dox observed, but regetation and wetlepth, saline condition Y drology Indicator cators (minimum of Water (A1) ater Table (A2) on (A3)	no hydric soil land hydrology ons, or other fa s: f one required	indicators met. How y. This feature is a vactors, which may in l; check all that app Salt Crus X Biotic Cru Aquatic I Hydroge	ly) st (B11) ust (B12) nvertebrat n Sulfide C	I that is seaman-caused	sonally pr	d here as prolonded and mance.	econdary Indic Water Marks Sediment De Drift Deposits Drainage Pat	strong indicators of oil indicators due to lim cators (2 or more requ (B1) (Riverine) eposits (B2) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2)
Type: Depth (inch Remarks: rec hydrophytic v saturation dep YDROLOG Wetland Hyd Primary Indic Surface High Wa Saturatio Water M Sedimer	dox observed, but regetation and wetlepth, saline condition Y drology Indicator cators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) (Nonrive	no hydric soil land hydrology ns, or other fa s: f one required erine)	indicators met. Howay. This feature is a vactors, which may in actors, which may in a compared by the compared	ly) st (B11) ust (B12) invertebrat n Sulfide C	I that is seamen-caused ees (B13) Odor (C1)	sonally pr disturbar	d here as prolonded and mance.	econdary India Water Marks Sediment De Drift Deposits Drainage Pat Dry-Season	strong indicators of oil indicators due to lim cators (2 or more required (B1) (Riverine) eposits (B2) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2) urface (C7)
Type: Depth (inch Remarks: rec hydrophytic v saturation dep YDROLOG Wetland Hyd Primary Indic Surface High Wa Saturatic Water M Sedimer Drift Dep	dox observed, but regetation and wetlepth, saline condition Y drology Indicator cators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) (Nonrivent Deposits (B2)	no hydric soil land hydrology ns, or other fa s: f one required erine)	indicators met. Howay. This feature is a vactors, which may in actors, which may in a constant and a constant a	ly) st (B11) ust (B12) nvertebrat n Sulfide C l Rhizosphe	l that is sea nan-caused les (B13) Odor (C1) eres along I	sonally pr disturbar	d here as prolonded and mance. Solution S	econdary Indic Water Marks Sediment De Drift Deposits Drainage Pat Dry-Season V Thin Muck Su	strong indicators of oil indicators due to lim cators (2 or more required (B1) (Riverine) eposits (B2) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2) urface (C7)
Type: Depth (inch Remarks: rec hydrophytic v saturation dep YDROLOG Wetland Hyd Primary Indic Surface High Wa Saturatic Water M Sedimer Drift Dep X Surface Inundation	dox observed, but regetation and wetle pth, saline conditions of the conditions of t	no hydric soil land hydrology ins, or other fa s: f one required erine) lonriverine) verine)	indicators met. Howay. This feature is a vactors, which may in actors, nd actors and actors actors and actors acto	ly) st (B11) ust (B12) invertebrate in Sulfide Cl Rhizosphe e of Reduct ron Reduct ck Surface	es (B13) Ddor (C1) eres along I ced Iron (C4 tion in Tilled	sonally pr disturbar	d here as prolonded and mance. Solution S	econdary India Water Marks Sediment De Drift Deposits Drainage Pat Dry-Season Thin Muck St Crayfish Burr Saturation Vi	strong indicators of oil indicators due to lim cators (2 or more requ (B1) (Riverine) sposits (B2) (Riverine) sterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery itard (D3)
Type: Depth (inch Remarks: rec hydrophytic v saturation dep YDROLOG Wetland Hyd Primary Indic Surface High Wa Saturatic Water M Sedimer Drift Dep X Surface Inundation	dox observed, but regetation and wetle pth, saline conditions of the conditions of t	no hydric soil land hydrology ins, or other fa s: f one required erine) lonriverine) verine)	indicators met. Howay. This feature is a vactors, which may in actors, nd actors and actors actors and actors acto	ly) st (B11) ust (B12) invertebrat n Sulfide C I Rhizosphe e of Reduc	es (B13) Ddor (C1) eres along I ced Iron (C4 tion in Tilled	sonally pr disturbar	d here as prolonded and mance. Solution S	econdary Indic Water Marks Sediment De Drift Deposits Drainage Pat Dry-Season Thin Muck St Crayfish Burr Saturation Vi	strong indicators of oil indicators due to lim cators (2 or more requ (B1) (Riverine) sposits (B2) (Riverine) sterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery itard (D3)
Type: Depth (inch Remarks: rec hydrophytic v saturation dep YDROLOG Wetland Hyd Primary Indic Surface High Wa Saturatic Water M Sedimer Drift Dep X Surface Inundatic Water-Si	dox observed, but regetation and wetlepth, saline condition of the property of	no hydric soil land hydrology ins, or other fa s: f one required erine) lonriverine) rerine)	indicators met. Howay. This feature is a vactors, which may in actors, subject to act and actors actors and actors actor	ly) st (B11) ust (B12) nvertebrate n Sulfide C l Rhizosphe e of Reduct ron Reduct ck Surface xplain in R	es (B13) Ddor (C1) eres along I ced Iron (C4 tion in Tilled	sonally pr disturbar	d here as prolonded and mance. Solution S	econdary India Water Marks Sediment De Drift Deposits Drainage Pat Dry-Season Thin Muck St Crayfish Burr Saturation Vi	strong indicators of oil indicators due to lim cators (2 or more requ (B1) (Riverine) sposits (B2) (Riverine) sterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery itard (D3)
Type: Depth (inch Remarks: rec hydrophytic v saturation dep YDROLOG Wetland Hyd Primary Indic Surface High Wa Saturatic Water M Sedimer Drift Dep X Surface Inundatic Water-Si Field Observ Surface Water	dox observed, but regetation and wetle pth, saline condition of the pth pth pth pth pth pth pth pth pth pth	no hydric soil land hydrology ins, or other fa s: f one required lonriverine) verine) l Imagery (B7) Yes	indicators met. Howay. This feature is a vactors, which may in actors, subject of the actors and actors actors and actors actor	ly) st (B11) ust (B12) nvertebrat n Sulfide C l Rhizosphe e of Reduct ron Reduct ck Surface xplain in R	es (B13) Ddor (C1) eres along I ced Iron (C4 tion in Tilled	sonally pr disturbar	d here as prolonded and mance. Solution S	econdary India Water Marks Sediment De Drift Deposits Drainage Pat Dry-Season Thin Muck St Crayfish Burr Saturation Vi	strong indicators of oil indicators due to lim cators (2 or more requ (B1) (Riverine) sposits (B2) (Riverine) sterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery itard (D3)
Type: Depth (inch Remarks: rec hydrophytic versaturation dep YDROLOG Wetland Hydro Primary Indice Surface High Wa Saturatice Water M Sedimer Drift Dep X Surface Inundatice Water-Si Field Observ Surface Water Water Table 6	dox observed, but regetation and wetle pth, saline condition of the pth pth pth pth pth pth pth pth pth pth	no hydric soil land hydrology ins, or other fa s: f one required lonriverine) verine) ll Imagery (B7) Yes Yes	indicators met. Howay. This feature is a vactors, which may in actors, construct a constr	ly) st (B11) ust (B12) invertebration Sulfide Coll Rhizosphoe of Reductor R	es (B13) Ddor (C1) eres along I ced Iron (C4 tion in Tilled	Living Ro) I Soils (C	d here as prolonded and mance. Solution S	econdary India Water Marks Sediment De Drift Deposits Drainage Pat Dry-Season Thin Muck St Crayfish Burr Saturation Vi Shallow Aqui	strong indicators of oil indicators due to lim cators (2 or more requ (B1) (Riverine) eposits (B2) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery itard (D3) Test (D5)
Type: Depth (inch Remarks: rec hydrophytic vi saturation dep YDROLOG Wetland Hydro Primary Indic Surface High Wa Saturatic Water M Sedimer Drift Dep X Surface Inundatic Water-Si Field Observ Surface Water Water Table I Saturation Pro-	dox observed, but regetation and wetle pth, saline condition of the pth pth pth pth pth pth pth pth pth pth	no hydric soil land hydrology ins, or other fa s: f one required lonriverine) verine) ll Imagery (B7) Yes Yes	indicators met. Howay. This feature is a vactors, which may in actors, subject of the actors and actors actors and actors actor	ly) st (B11) ust (B12) invertebration Sulfide Coll Rhizosphoe of Reductor R	es (B13) Ddor (C1) eres along I ced Iron (C4 tion in Tilled	Living Ro) I Soils (C	d here as prolonded and mance. Solution S	econdary India Water Marks Sediment De Drift Deposits Drainage Pat Dry-Season Thin Muck St Crayfish Burr Saturation Vi Shallow Aqui	strong indicators of oil indicators due to lim cators (2 or more requ (B1) (Riverine) sposits (B2) (Riverine) sterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery itard (D3)
Depth (inch Remarks: rec hydrophytic v saturation dep IYDROLOG Wetland Hyd Primary Indic Surface High Wa Saturatic Water M Sedimer Drift Dep X Surface Inundatic Water-Si Field Observ Surface Water Saturation Pro (includes cap	dox observed, but regetation and wetle pth, saline conditions. Y drology Indicator cators (minimum of the trable (A2) on (A3) larks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonri	no hydric soil land hydrology ins, or other fa s: f one required lonriverine) verine) ll Imagery (B7) Yes Yes Yes Yes Yes	indicators met. Howay. This feature is a vactors, which may in actors, construct a constr	ly) st (B11) ust (B12) Invertebration Sulfide Collection Reduction	ees (B13) Ddor (C1) eres along l eed Iron (C4 tion in Tillec (C7)	Living Ro) I Soils (C	d here as prolonded and mance. Solution S	econdary India Water Marks Sediment De Drift Deposits Drainage Pat Dry-Season Thin Muck St Crayfish Burr Saturation Vi Shallow Aqui	strong indicators of oil indicators due to lim cators (2 or more requ (B1) (Riverine) eposits (B2) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery itard (D3) Test (D5)
Type: Depth (inch Remarks: rec hydrophytic v saturation dep IYDROLOG Wetland Hyd Primary Indic Surface High Wa Saturatic Water M Sedimer Drift Dep X Surface Inundatic Water-Si Field Observ Surface Water Saturation Pro (includes cap	dox observed, but regetation and wetle pth, saline conditions. Y drology Indicator cators (minimum of the trable (A2) on (A3) larks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonri	no hydric soil land hydrology ins, or other fa s: f one required lonriverine) verine) ll Imagery (B7) Yes Yes Yes Yes Yes	indicators met. Howay. This feature is a vactors, which may in actors, construct a constr	ly) st (B11) ust (B12) Invertebration Sulfide Collection Reduction	ees (B13) Ddor (C1) eres along l eed Iron (C4 tion in Tillec (C7)	Living Ro) I Soils (C	d here as prolonded and mance. Solution S	econdary India Water Marks Sediment De Drift Deposits Drainage Pat Dry-Season Thin Muck St Crayfish Burr Saturation Vi Shallow Aqui	strong indicators of oil indicators due to lim cators (2 or more requ (B1) (Riverine) eposits (B2) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery itard (D3) Test (D5)
Type: Depth (inch Remarks: rec hydrophytic v saturation dep IYDROLOG Wetland Hyd Primary Indic Surface High Wa Saturatic Water M Sedimer Drift Dep X Surface Inundatic Water-Si Field Observ Surface Water Water Table I Saturation Pro (includes cap Describe Reco	dox observed, but regetation and wetlegetation and wetlegetation and wetlegeth, saline conditional descriptions and saline conditional descriptions and saline conditional descriptions are resent? Present? esent? esent? esent? esent? esent? esent? esent? esent? erded Data (stream	no hydric soil land hydrology ins, or other fa s: f one required lonriverine) verine) Yes Yes Yes Yes n gauge, monit	indicators met. How y. This feature is a vactors, which may in actors, constant application and actors are actors. A quatic I had a presence actors and actors actors and actors actors and actors ac	ly) st (B11) ust (B12) invertebrat in Sulfide C I Rhizosphe e of Reduct ron Reduct ck Surface xplain in R ches): ches): hotos, prev	les (B13) Ddor (C1) eres along led Iron (C4 tion in Tilled (C7) demarks)	Living Ro) I Soils (C	d here as prolonded and mace. Solution (C3) and Hydrologavailable:	econdary India Water Marks Sediment De Drift Deposits Drainage Pat Dry-Season Thin Muck St Crayfish Burr Saturation Vi Shallow Aqui FAC-Neutral	strong indicators of oil indicators due to lim cators (2 or more requ (B1) (Riverine) eposits (B2) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery itard (D3) Test (D5)

Project/Site: Southwest Village Specific Plan Project		City/Cou	nty: San Dieg	0	Sampling Date: 4/12/2	2021
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point: 375	
Investigator(s): Beth Procsal, Andy Smisek		Section	, Township, R	Range: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	elief (concave,	, convex, none): concave	Slope (%):	0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55602989	918	Long: -117.018509507	Datum: NAD)83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification	on: none	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstance		No
Are Vegetation, Soil, or Hydrology				(If needed, explain any ans	swers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	t features, etc.	
Hydrophytic Vegetation Present? Yes X	_No	_	ba Cammlad	Area		
Hydric Soil Present? Yes X	_No		he Sampled hin a Wetland	YAC)	X No	
Wetland Hydrology Present? Yes X	No	_				
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sample	ed during the growing se	eason and
VEGETATION — 636 Scientific fluines of plants	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Sp		44.5
1. <u>none</u> 2				That Are OBL, FACW, of Total Number of Domina	ant	(A)
3				Species Across All Strat		(B)
4		= Total Cov	er	Percent of Dominant Sp That Are OBL, FACW, o		(A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index work		
2.				Total % Cover of:	Multiply by:	_
3				OBL species	x 1 =	
4				FACW species		
5				FAC species FACU species		
Herb Stratum (Plot size:)		= Total Cov	er	UPL species	x 4 = x 5 =	_
1. Hordeum depressum	25	Yes	FACW	Column Totals:		— (B)
Festuca perennis	20	Yes	FAC			`
3. Spergularia bocconi	2	No	FACW	Prevalence Index	x = B/A =	_
4. Plagiobothrys acanthocarpus	1	No	OBL	Hydrophytic Vegetatio	on Indicators:	
5.				X Dominance Test is		
6.			-	Prevalence Index		
7					aptations¹ (Provide supples or on a separate sheet	
<u> </u>	48	= Total Co	ver		ophytic Vegetation¹ (Exp	,
Woody Vine Stratum (Plot size:		10141 00	•••	I Toblematic Hydro	opinytic vegetation (Exp	Jiaii i)
1. none				¹ Indicators of hydric soil be present, unless distri	il and wetland hydrology	/ must
2						
% Bare Ground in Herb Stratum 52 % Co	ver of Biotic	= Total Cov Crust	er	Hydrophytic Vegetation Present? Yes	es X No	
Remarks: Sample area is a vernal pool that receives ru			all local micro			<u> </u>
predominately of hydrophytic vegetation, it also support						' '

Depth (inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-2	10YR 3/2	100					clay	no redox
2-5	10YR 5/2	99	7.5YR 4/4	- <u> </u>		M	sandy clay	redox
5-18	10YR 4/2	100					sandy clay	no redox
, 10	1011(4/2				<u> </u>		- Janay Glay	TIO TOGOX
					·			_
								-
				-	· ——			_
								_
	oncentration, D=Depletion I Indicators: (Application)					S. ź		e Lining, RC=Root Channel, M=Matrix. for Problematic Hydric Soils ³ :
Histoso		able to all L		Redox (S5)	•			uck (A9) (LRR C)
	Epipedon (A2)			d Matrix (S				uck (A10) (LRR B)
	Histic (A3)			Mucky Min	•			ed Vertic (F18)
	en Sulfide (A4)			Gleyed Ma	, ,			rent Material (TF2)
	ed Layers (A5) (LRR 0	S)		ed Matrix (F				Explain in Remarks)
_	luck (A9) (LRR D)	,		Dark Surfa	-		`	,
Deplete	ed Below Dark Surface	e (A11)	Deplete	ed Dark Sui	rface (F7)			
Thick D	Oark Surface (A12)		Redox	Depression	ns (F8)		3Indicators	of hydrophytic vegetation and
Sandy	Mucky Mineral (S1)		Vernal	Pools (F9)			wetland	hydrology must be present,
Sandy	Gleyed Matrix (S4)						unless d	listurbed or problematic.
estrictive	Layer (if present):							
Type:								
Type:	ches):depleted matrix observ	ved in secor	nd soil layer (2-5")				Hydric Soil Pre	esent? Yes X No
Type: Depth (inc Remarks: c	depleted matrix observ	ved in secor	nd soil layer (2-5")				Hydric Soil Pre	esent? Yes X No
Type: Depth (inc Remarks: c	depleted matrix observ		nd soil layer (2-5")				,	
Type: Depth (inc Remarks: c	depleted matrix observ GY ydrology Indicators:			olv)			Sec	ondary Indicators (2 or more requir
Type: Depth (ind Remarks: c /DROLOG Wetland H Primary Inc	depleted matrix observing a construction of co		d; check all that app	<i></i>			Sec	ondary Indicators (2 or more requir Water Marks (B1) (Riverine)
Type: Depth (income semarks: come semar	GY ydrology Indicators: dicators (minimum of co		d; check all that app	st (B11)			Sec	ondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Type: Depth (inc Remarks: c /DROLOG Wetland H Primary IncSurfaceHigh W	depleted matrix observations: GY ydrology Indicators: dicators (minimum of company) e Water (A1) //ater Table (A2)		d; check all that app Salt Crue Biotic Cr	st (B11) rust (B12)	es (B13)		<u>Sec</u>	ondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Type: Depth (income semarks: come semar	depleted matrix observations: dicators (minimum of complete water (A1) //ater Table (A2) tion (A3)	one required	d; check all that app Salt Cru Biotic Cr Aquatic	st (B11) rust (B12) Invertebrate			Sec	ondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
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Type: Depth (ind Remarks: c YDROLOG Wetland H Primary IncSurface High W Satura:WaterSedimeDrift De	depleted matrix observations and the place of the place o	one required ine) nriverine)	d; check all that app Salt Crue Biotic Cr Aquatic Hydroge Oxidized Presenc	st (B11) rust (B12) Invertebrate n Sulfide C I Rhizosphe e of Reduc	Odor (C1) eres along ed Iron (C4	4)	Sec	ondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
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Project/Site: Southwest Village Specific Plan Project		City/Cou	nty: San Dieg	0	Sampling Date: 4/12/2021	
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 376	
Investigator(s): Beth Procsal, Andy Smisek		Section	, Township, R	Range: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	elief (concave,	, convex, none): concave	Slope (%): 0-2	
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55596346	577	Long: -117.018557677	Datum: NAD83	
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classificatio	on: none	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology	signifi	cantly distur	ped?	Are "Normal Circumstance	es" present? Yes X No	
Are Vegetation, Soil, or Hydrology				(If needed, explain any ans	wers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	t features, etc.	
Hydrophytic Vegetation Present? Yes X	_No	_	ha Camanlad	A		
Hydric Soil Present? Yes X	_No		he Sampled hin a Wetlan	Y 20 Y	KNo	
Wetland Hydrology Present? Yes X	No	_		- ·		
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sample	ed during the growing season a	and
VEGETATION — 636 Scientific fluines of plants	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Sp That Are OBL, FACW, o		
2.				Total Number of Domina Species Across All Strat	ant	
3				Percent of Dominant Sp	(D)	
4		= Total Cov		That Are OBL, FACW, o		B)
Sapling/Shrub Stratum (Plot size:)		- Total Cov	еі			
1. none				Prevalence Index work	 sheet:	
2				Total % Cover of:	Multiply by:	
3.				OBL species	x 1 =	
4.				FACW species		
5.				FAC species	•	
		= Total Cov	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Festuca perennis	50	Yes	FAC	Column Totals:	(A)(B)	
2. Lythrum hyssopifolia	1	No	OBL	Prevalence Index	x = B/A =	
3. Hordeum depressum	2	No	FACW			
4. Plagiobothrys acanthocarpus	1	No	OBL	Hydrophytic Vegetatio		
5.		-		X _ Dominance Test is		
6.				Prevalence Index		
7. 8.					aptations ¹ (Provide supporting ks or on a separate sheet)	
0		= Total Co	ver		ophytic Vegetation¹ (Explain)	
Woody Vine Stratum (Plot size:)		10101 00	VOI	Floblematic Hydro	opinytic vegetation (Explain)	
1. none				¹ Indicators of hydric soi be present, unless distu	il and wetland hydrology must	
2				be present, unless dist	arbed or problematic.	
% Bare Ground in Herb Stratum 46 % Co	ver of Biotic	= Total Cov	er	Hydrophytic Vegetation Present? Yes	es X No	
Remarks: Sample area is a vernal pool that receives ru			all local micro			
predominately of hydrophytic vegetation, it also support						

Depth	Matrix			edox Featı			_				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture			Remarks	
0-5	10YR 4/2	99	7.5YR 5/6	1	C	RC					
 3-15	7.5YR 5/3	100					sandy clay				
							_				
							_				
Type: C=Co	ncentration, D=Depletion	, RM=Reduc	ed Matrix, CS=Covere	d or Coated	Sand Grair	S.	 ² Location: PL=Po	ore Lining, R	C=Root C	hannel, M=	Matrix.
lydric Soil	Indicators: (Applica	able to all L	RRs, unless other	wise note	ed.)		Indicators	s for Probl	ematic I	Hydric So	ils³:
Histoso	I (A1)		Sandy I	Redox (S5)		1 cm l	Muck (A9)	(LRR C)	•	
	pipedon (A2)			d Matrix (S				Muck (A10			
	istic (A3)			Nucky Mir	-			ced Vertic (,	
	en Sulfide (A4)			Gleyed Ma	. ,			Parent Mate	. ,	2)	
	d Layers (A5) (LRR 0	2)	X Deplete					(Explain in	,	,	
_	uck (A9) (LRR D)	,		Dark Surfa	,			, , ,		,	
	d Below Dark Surface	e (A11)			rface (F7)						
	ark Surface (A12)	,		Depression			³ Indicators	of hydrop	hytic veg	etation an	d
— Sandy I	Mucky Mineral (S1)			Pools (F9)	. ,			d hydrolog			
	Gleyed Matrix (S4)			, ,				disturbed	-		
	l aver (if present).										
ZACTRICTIVA											
	Layer (if present):										
Туре:							Lhadwia Cail D		V	V	NI-
Type:							Hydric Soil P	resent?	Yes _	<u>X</u>	No
Type: Depth (inc	hes):oil meets depleted ma						Hydric Soil P	resent?	Yes _	X	No
Type: Depth (incommerced) Remarks: so	hes): oil meets depleted ma	atrix indicato					<u> </u>		_		
Type:	hes): oil meets depleted ma	atrix indicate	or	h/)			<u> </u>	econdary l	ndicator	s (2 or mo	ore require
Type:	hes):	atrix indicate	or d; check all that app				<u> </u>	econdary lı _ Water Ma	ndicator	s (2 or mo	ore require
Type: Depth (incomplete incomplete inco	coil meets depleted management of the second m	atrix indicate	or d; check all that app Salt Crus	st (B11)			<u> </u>	econdary II Water Ma Sediment	ndicator arks (B1) t Deposit	s (2 or mo (Riverine s (B2) (Ri	ore require) verine)
Type:	hes):	atrix indicate	or d; check all that app Salt Crus X Biotic Cr	st (B11) ust (B12)			<u> </u>	econdary II Water Ma Sediment Drift Depo	ndicator arks (B1) t Deposit osits (B3	s (2 or mo (Riverine s (B2) (Riverine	ore require) verine)
Type:	coil meets depleted management of colors (minimum of colors (Mater (A1) ater Table (A2) ion (A3)	atrix indicato	or d; check all that app Salt Crus X Biotic Cru	st (B11) ust (B12) nvertebrat	, ,		<u> </u>	condary I Water Ma Sediment Drift Depo	ndicator arks (B1) t Deposit osits (B3) Patterns	S (2 or mo (Riverine S (B2) (Riverine 6 (B10)	ore require) verine)
Type:	ches):	atrix indicate	or d; check all that app Salt Crus X Biotic Cr Aquatic I Hydroge	st (B11) ust (B12) nvertebrat n Sulfide (Odor (C1)		<u>Se</u>	econdary I Water Ma Sediment Drift Depo Drainage Dry-Seas	ndicator arks (B1) t Deposit osits (B3 Patterns son Wate	(Riverine (S (B2) (Riverine (S (B10)) (B (B10)) (T Table (C	ore require) verine)
Type:	ches):	entrix indicate one requirect ine) nriverine)	d; check all that app Salt Crus X Biotic Cru Aquatic I Hydroge Oxidized	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph	Odor (C1) eres along	•	<u>Se</u>	econdary II Water Ma Sediment Drift Depr Drainage Dry-Seas Thin Muc	ndicator arks (B1) t Deposit osits (B3 Patterns con Wate k Surface	s (2 or mo (Riverine s (B2) (Riv) (Riverine s (B10) r Table (C e (C7)	ore require) verine)
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Type:	ches):	ene required ine) nriverine)	d; check all that app Salt Crus X Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph	Odor (C1) eres along ced Iron (C tion in Tille	4)	Se — — — — — — — — — — — — — — — — — — —	water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc	ndicator arks (B1) t Deposit osits (B3 Patterns on Wate k Surface Burrows n Visible	s (2 or mo (Riverine s (B2) (Riverine s (B10) or Table (C e (C7) (C8) on Aerial	ore require) verine) e)
Type:	ches):	ene required ine) nriverine)	d; check all that app Salt Crus X Biotic Cru Aquatic I Hydroge Oxidized Presence Recent II	st (B11) ust (B12) nvertebrat n Sulfide C Rhizosph e of Reduc	Odor (C1) eres along ced Iron (C tion in Tille (C7)	4)	Se — — — — — — — — — — — — — — — — — — —	water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I	ndicator arks (B1) t Deposit osits (B3 Patterns on Wate k Surface Burrows n Visible	s (2 or mo (Riverine ss (B2) (Riverine s (B10) r Table (Ce e (C7) (C8) on Aerial (D3)	ore require) verine) e)
Type:	ches):	ene required ine) nriverine)	d; check all that app Salt Crus X Biotic Cru Aquatic I Hydroge Oxidized Presence Recent II	st (B11) ust (B12) nvertebrat n Sulfide C Rhizosph e of Reduc ron Reduc ck Surface	Odor (C1) eres along ced Iron (C tion in Tille (C7)	4)	Se — — — — — — — — — — — — — — — — — — —	Condary II Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I Saturation Shallow A	ndicator arks (B1) t Deposit osits (B3 Patterns on Wate k Surface Burrows n Visible	s (2 or mo (Riverine ss (B2) (Riverine s (B10) r Table (Ce e (C7) (C8) on Aerial (D3)	ore require) verine) e)
Type:	ches):	ine) nriverine) magery (B7	d; check all that app Salt Crus X Biotic Cru Aquatic I Hydroge Oxidized Presence Recent II Thin Muc	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc ron Reduc ck Surface xplain in R	Odor (C1) eres along ced Iron (C tion in Tille (C7)	4)	Se — — — — — — — — — — — — — — — — — — —	Condary II Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I Saturation Shallow A	ndicator arks (B1) t Deposit osits (B3 Patterns on Wate k Surface Burrows n Visible	s (2 or mo (Riverine ss (B2) (Riverine s (B10) r Table (Ce e (C7) (C8) on Aerial (D3)	ore require) verine) e)
Type:	ches):	ine) nriverine) magery (B7	d; check all that app Salt Crus X Biotic Cru Aquatic I Hydroge Oxidized Presence Recent II Thin Muc	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc ron Reduc ck Surface xplain in R	Odor (C1) eres along ed Iron (C tion in Tille (C7) emarks)	4) d Soils (C	Se — — — — — — — — — — — — — — — — — — —	Condary II Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I Saturation Shallow A	ndicator arks (B1) t Deposit osits (B3 Patterns on Wate k Surface Burrows n Visible	s (2 or mo (Riverine ss (B2) (Riverine s (B10) r Table (Ce e (C7) (C8) on Aerial (D3)	ore require) verine) e)
Type:	ches):	ine) nriverine) magery (B7	d; check all that app Salt Crus X Biotic Cru Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc ron Reduc ck Surface xplain in R	Odor (C1) eres along ed Iron (C tion in Tille (C7) emarks)	4) d Soils (C	Se	Condary II Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I Saturation Shallow A FAC-Neu	ndicator arks (B1) t Deposits osits (B3) Patterns on Wate k Surface Burrows n Visible Aquitard (s (2 or mo (Riverine ss (B2) (Riverine s (B10) r Table (C e (C7) (C8) on Aerial (D3) (D5)	ore require) verine) e) 2) Imagery (C
Type:	ches):	ine) nriverine) magery (B7	d; check all that app Salt Crus X Biotic Cru Aquatic I Hydroge Oxidized Presence Recent II Thin Muc	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc ron Reduc ck Surface xplain in R	Odor (C1) eres along ed Iron (C tion in Tille (C7) emarks)	4) d Soils (C	Se — — — — — — — — — — — — — — — — — — —	Condary II Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I Saturation Shallow A FAC-Neu	ndicator arks (B1) t Deposits osits (B3) Patterns on Wate k Surface Burrows n Visible Aquitard (s (2 or mo (Riverine ss (B2) (Riverine s (B10) r Table (Ce e (C7) (C8) on Aerial (D3)	ore require) verine) e) 2) Imagery (C
Type:	ches):	ine) nriverine) magery (B7	d; check all that app Salt Crus X Biotic Cr Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduct ron Reduct ck Surface explain in R ches): ches):	Odor (C1) eres along ced Iron (C tion in Tille (C7) eemarks)	4) d Soils (C	oots (C3)	Condary II Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I Saturation Shallow A FAC-Neu	ndicator arks (B1) t Deposits osits (B3) Patterns on Wate k Surface Burrows n Visible Aquitard (s (2 or mo (Riverine ss (B2) (Riverine s (B10) r Table (C e (C7) (C8) on Aerial (D3) (D5)	ore require) verine) e) 2) Imagery (C
Type:	ches):	ine) nriverine) magery (B7	d; check all that app Salt Crus X Biotic Cr Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduct ron Reduct ck Surface explain in R ches): ches):	Odor (C1) eres along ced Iron (C tion in Tille (C7) eemarks)	4) d Soils (C	oots (C3)	Condary II Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I Saturation Shallow A FAC-Neu	ndicator arks (B1) t Deposits osits (B3) Patterns on Wate k Surface Burrows n Visible Aquitard (s (2 or mo (Riverine ss (B2) (Riverine s (B10) r Table (C e (C7) (C8) on Aerial (D3) (D5)	ore require) verine) e) 2) Imagery (C
Type:	ches):	ine) nriverine) magery (B7	d; check all that app Salt Crus X Biotic Cr Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduct ron Reduct ck Surface explain in R ches): ches):	Odor (C1) eres along ced Iron (C tion in Tille (C7) eemarks)	4) d Soils (C	oots (C3)	Condary II Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I Saturation Shallow A FAC-Neu	ndicator arks (B1) t Deposits osits (B3) Patterns on Wate k Surface Burrows n Visible Aquitard (s (2 or mo (Riverine ss (B2) (Riverine s (B10) r Table (C e (C7) (C8) on Aerial (D3) (D5)	ore require) verine) e) 2) Imagery (C
Type:	ches):	ine) nriverine) magery (B7 es gauge, mon	d; check all that app Salt Crus X Biotic Cru Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc con Reduc ck Surface explain in R ches): ches):	Odor (C1) eres along ced Iron (C tion in Tille (C7) temarks)	4) d Soils (C	oots (C3)	econdary In Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I Saturation Shallow A FAC-Neur	ndicator arks (B1) t Deposit osits (B3) Patterns on Wate k Surface Burrows n Visible Aquitard atral Test	s (2 or mo (Riverine ss (B2) (Riverine s (B10) or Table (C e (C7) (C8) on Aerial (D3) (D5)	ore require) verine) 2) Imagery (C
Type:	coil meets depleted management of the coil meets depleted management of the coil meets depleted management of the coil meets depleted management of the coil meets (Monriver and Deposits (Monriver and Coil meets (Monriver and Coil mee	ine) nriverine) magery (B7 es gauge, mon	d; check all that app Salt Crus X Biotic Cru Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E	st (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc con Reduc ck Surface explain in R ches): ches):	Odor (C1) eres along ced Iron (C tion in Tille (C7) temarks)	4) d Soils (C	oots (C3)	econdary In Water Ma Sediment Drift Depo Drainage Dry-Seas Thin Muc Crayfish I Saturation Shallow A FAC-Neur	ndicator arks (B1) t Deposit osits (B3) Patterns on Wate k Surface Burrows n Visible Aquitard atral Test	s (2 or mo (Riverine ss (B2) (Riverine s (B10) or Table (C e (C7) (C8) on Aerial (D3) (D5)	ore require) verine) 2) Imagery (C

Project/Site: Southwest Village Specific Plan Project		City/Cou	ınty: San Dieg	0	Sampling Date:	4/12/2021
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point:	377
Investigator(s): Beth Procsal, Andy Smisek		Section	n, Township, R	Range: Section 31, T18S R	:01W	
Landform (hillslope, terrace, etc.): mesa top				, convex, none): concave		e (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.5558303	553	Long: -117.018535117	Datun	n: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification	n: none	
Are climatic / hydrologic conditions on the site typical for		year? Yes	s X No	o (If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances		X No
Are Vegetation , Soil , or Hydrology				(If needed, explain any ans		
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	features, etc.	<i>,</i>
Hydrophytic Vegetation Present? Yes X		_ le	the Sampled	Aroa		
	_No		thin a Wetlan	Y 2QV	No	
Wetland Hydrology Present? Yes X	_No	_				
Remarks: The majority of the vegetation on the site had meets the wetland criteria. VEGETATION – Use scientific names of plants			paoriana doc	on the local of the sample		g coacon and
Tree Charters (Diet sine)	Absolute	Dominant		Dominance Test works	heet:	
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Spo		2 (4)
2.				That Are OBL, FACW, or Total Number of Domina	ınt	2 (A)
3.				Species Across All Strata		2(B)
4				Percent of Dominant Spe That Are OBL, FACW, or		100 (A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cov	ver	, ,		, ,
1. none				Prevalence Index work	shoot:	
2				Total % Cover of:	Multip	olv bv:
				OBL species	x 1 =	
				FACW species		
5.				FAC species	x 3 =	
		= Total Cov	ver	FACU species	x 4 =	
Herb Stratum (Plot size:				UPL species	x 5 =	
Spergularia bocconi	1	No	FACW	Column Totals:	(A)	(B)
2. Festuca perennis	15	Yes	FAC	Prevalence Index	c = B/A =	
3. Psilocarphus brevissimus	1	No	FACW			
4. Plagiobothrys acanthocarpus	1	No	OBL	Hydrophytic Vegetation	n Indicators:	
5. Hordeum murinum	1	No	FACU	X Dominance Test is	s >50%	
6. Hordeum depressum	5	Yes	_ FACW	Prevalence Index		
7. Lythrum hyssopifolia 8.	1	No	OBL	Morphological Ada data in Remark	aptations¹ (Provid s or on a separa	
	25	= Total Co	over	Problematic Hydro	phytic Vegetatio	n¹ (Explain)
Woody Vine Stratum (Plot size:)						
1. <u>none</u> 2.				¹ Indicators of hydric soil be present, unless distu		
		= Total Cov	ver	Hydrophytic		<u> </u>
% Bare Ground in Herb Stratum 75 % Co	ver of Biotic			Vegetation Present? Ye	es X No)
Remarks: Sample area is a vernal pool that receives ru	noff from a	relativelv sm	nall local micro		he vernal pool cc	onsisting
predominately of hydrophytic vegetation, it does suppor acanthocarpus).						

	Color (moist) 10YR 5/2 10YR 5/4		Color (moist) /r 5/6		Type ¹ _	Loc ² RC	Texture clay	<u>e</u>	Remarks	
		>99 10\	/r 5/6	<1	C	RC	clay			
<u>5-18</u> .	10YR 5/4									
 							sandy clay	<u>y</u>		
·							-			
										
							_			
	centration, D=Depletion					. ² l			=Root Channel, M=Matrix	·-
Hydric Soil I	ndicators: (Applica	ble to all LRR			d.)				matic Hydric Soils ³ :	
Histosol (` '			Redox (S5)				n Muck (A9) (L	,	
	ipedon (A2)			ed Matrix (S6				n Muck (A10) (
Black His	, ,			y Mucky Mine	. ,			uced Vertic (F	·	
, ,	n Sulfide (A4) Layers (A5) (LRR C	•\		y Gleyed Mat ted Matrix (F:	. ,			Parent Materi er (Explain in F	,	
	ck (A9) (LRR D)	•)		x Dark Surfac	,			ei (Expiaiii iii i	(Citial K3)	
	Below Dark Surface	e (A11)		ted Dark Surf	` '					
	rk Surface (A12)	,		x Depressions	. ,		3Indicato	ors of hydrophy	tic vegetation and	
Sandy M	ucky Mineral (S1)			l Pools (F9)	,				must be present,	
Sandy G	leyed Matrix (S4)						unles	ss disturbed or	problematic.	
estrictive L	ayer (if present):									
Type:	. , (p									
Depth (inch	es):		•				Hydric Soil	Present?	Yes X No	
	pleted matrix observ		<u> </u>							
YDROLOG	Y									
Wetland Hyd	drology Indicators:						9	Secondary Inc	dicators (2 or more re	quire
Primary Indic	ators (minimum of o	ne required; ch	neck all that ap	pply)				Water Marl	ks (B1) (Riverine)	
Surface \	Water (A1)		Salt Cr	rust (B11)			_	Sediment [Deposits (B2) (Riverin	e)
High Wa	ter Table (A2)			Crust (B12)			_	Drift Depos	sits (B3) (Riverine)	
Saturatio	on (A3)		Aquatio	c Invertebrate	s (B13)		_	Drainage F	atterns (B10)	
Water M	arks (B1) (Nonriveri	ne)	Hydrog	gen Sulfide O	dor (C1)		_	Dry-Seaso	n Water Table (C2)	
Sedimen	t Deposits (B2) (Nor	nriverine)	Oxidize	ed Rhizosphe	res along L	iving Ro	ots (C3)	Thin Muck	Surface (C7)	
Drift Dep	osits (B3) (Nonriver	rine)	Presen	ice of Reduce	ed Iron (C4))	_	Crayfish Bu	urrows (C8)	
X Surface	Soil Cracks (B6)		Recent	t Iron Reducti	on in Tilled	Soils (C6	6) _	Saturation	Visible on Aerial Image	ery (C
Inundatio	on Visible on Aerial II	magery (B7)	Thin M	uck Surface (C7)		_	Shallow Ac		
Water-St	tained Leaves (B9)		Other (Explain in Re	marks)		_	FAC-Neutr	al Test (D5)	
ield Observ	ations:									
Surface Wate			X Depth (i			_				
Nater Table F		es No	X Depth (in	nches):		_				
		es No	_X_Depth (i	nches):		_ Wetla	and Hydrolo	gy Present?	Yes X No	
Saturation Pre	uan/ mnaa)		ng woll gorial	nhotos provi	oue inches	tions) if	availablo:			
includes capi		auge monitori			しゅっ ロコンピじ	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	avaliabic.			
includes capi	rded Data (stream g	auge, monitori	ng well, aerial	priotos, provi		•				
includes capi escribe Reco	rded Data (stream g							to book at a	Alba ana	-41- '
includes capi escribe Reco	rded Data (stream g						ace soil crac	ks indicate tha	at the area supports we	etland

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	0	Sampling Date: 4	/12/2021
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 3	78
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	ange: Section 31, T18S R	₹01W	
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave	Slope	(%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.555724164	43	Long: -117.018518117	Datum:	NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent si	lopes			NWI classificatio	n: none	
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances		X No
Are Vegetation Soil X, or Hydrology				(If needed, explain any ans	wers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	features, etc.	
Hydrophytic Vegetation Present? Yes X	No					
Hydric Soil Present? Yes X	No		he Sampled . hin a Wetland	Y 2QV	< No	
Wetland Hydrology Present? Yes X	No	Witi	iiii a vvetiaiii	u:		
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sample	ed during the growing	ng season and
VEGETATION – Use scientific fiames of plants	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Sp		
1none				That Are OBL, FACW, o		<u>2</u> (A)
3.				Total Number of Domina Species Across All Strata	· O:	2 (B)
Δ				Percent of Dominant Spe	ecies	
T-		= Total Cove	er	That Are OBL, FACW, o	r FAC:10	00 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index work	sheet:	
2				Total % Cover of:	Multiply	
3				OBL species	x 1 =	
4				FACW species		
5				FAC species		
		= Total Cove	er	FACU species		
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Spergularia bocconi	1	No	FACW	Column Totals:	(A)	(B)
2. Plagiobothrys acanthocarpus		No No	OBL	Prevalence Index	x = B/A =	
3. Plantago elongata		No Yes	FACW	Hydrophytic Vegetation	n Indicatoro	
Hordeum depressum Festuca perennis	<u>25</u> 10	Yes Yes	FACW FAC			
6. Lepidium latipes	1	No	FACW	X Dominance Test is Prevalence Index		
7					aptations¹ (Provide	cupporting
8.					ks or on a separate	
·	44	= Total Cov	/er		ophytic Vegetation¹	,
Woody Vine Stratum (Plot size:				Troblematic riyare	spriyae vegetation	(Explair)
1. none				¹ Indicators of hydric soi	l and wetland hvdr	ology must
2.				be present, unless distu		
		= Total Cove	er	Hydrophytic Vegetation		
	ver of Biotic			Present? Ye		
Remarks: Sample area is a vernal pool that receives ru predominately of hydrophytic vegetation, it does support						

· · ·	0 1 / 1 /		0 1 / 1 1 2 2 2 2			
(inches)	Color (moist)	%	Color (moist) % Type ¹		xture	Remarks
0-4	10YR 3/4	100		sandy	clay	
4018	10YR 4/4	100		clay		
			d Matrix, CS=Covered or Coated Sand Grain			C=Root Channel, M=Matrix.
-		able to all Li	RRs, unless otherwise noted.)			ematic Hydric Soils ³ :
Histoso	` '		Sandy Redox (S5)		1 cm Muck (A9) (· '
	pipedon (A2)		Stripped Matrix (S6)		2 cm Muck (A10)	
	istic (A3)		Loamy Mucky Mineral (F1) Loamy Gleyed Matrix (F2)		Reduced Vertic (,
, ,	en Sulfide (A4) d Layers (A5) (LRR (-)	Depleted Matrix (F3)		Red Parent Mate Other (Explain in	,
	uck (A9) (LRR D)	•)	Redox Dark Surface (F6)		Other (Explain in	i (ciliai ks)
	d Below Dark Surfac	e (A11)	Depleted Dark Surface (F7)			
	ark Surface (A12)	,	Redox Depressions (F8)	³ Indi	cators of hydroph	nytic vegetation and
Sandy I	Mucky Mineral (S1)		Vernal Pools (F9)			/ must be present,
Sandy (Gleyed Matrix (S4)			u	nless disturbed o	or problematic.
	Layer (if present):					
Restrictive						
Restrictive Type:	, (p					
Type: Depth (inc Remarks: L to strong ind	hes): arge ceramic tiles (micators of hydrophytic	vegetation a	ent in soil profile. No redox features obs and wetland hydrology. This feature is a ne conditions, or other factors, which ma	erved. However, h vernal pool that is	seasonally pond	led and may lack hydric soil
Type: Depth (inc Remarks: L o strong ind ndicators du	hes):arge ceramic tiles (m icators of hydrophytic ie to limited saturation	vegetation a	and wetland hydrology. This feature is a	erved. However, h vernal pool that is	ydric soils are as seasonally pond	sumed here as problematic d led and may lack hydric soil
Type:	hes):arge ceramic tiles (m icators of hydrophytic ie to limited saturation	c vegetation a n depth, salin	and wetland hydrology. This feature is a	erved. However, h vernal pool that is	ydric soils are as seasonally pond aused disturban	isumed here as problematic d led and may lack hydric soil ce.
Type:	hes):arge ceramic tiles (m icators of hydrophytic ie to limited saturation	c vegetation and depth, salin	and wetland hydrology. This feature is a ne conditions, or other factors, which ma	erved. However, h vernal pool that is	ydric soils are as seasonally pond aused disturban Secondary Ir	sumed here as problematic d led and may lack hydric soil
Type:	hes):arge ceramic tiles (micators of hydrophytic le to limited saturations) SY ydrology Indicators:	c vegetation and depth, salin	and wetland hydrology. This feature is a ne conditions, or other factors, which ma	erved. However, h vernal pool that is	ydric soils are as seasonally pond caused disturbandance Secondary Ir	issumed here as problematic ded and may lack hydric soil ce. Indicators (2 or more require rks (B1) (Riverine)
Type:	hes): arge ceramic tiles (micators of hydrophytic le to limited saturation by drology Indicators: licators (minimum of certains)	c vegetation and depth, salin	and wetland hydrology. This feature is a ne conditions, or other factors, which ma check all that apply)	erved. However, h vernal pool that is	ydric soils are as seasonally pond caused disturbants Secondary Ir Water Ma Sediment	isumed here as problematic d led and may lack hydric soil ce.
Type: Depth (incomplete incomplete inc	hes): arge ceramic tiles (micators of hydrophytic le to limited saturations) by drology Indicators: icators (minimum of cereators (A1))	c vegetation and depth, salin	check all that apply) Salt Crust (B11) X Biotic Crust (B12)	erved. However, h vernal pool that is	ydric soils are as seasonally pond caused disturbandal seasonally pond caused disturbandal seasonal year. Secondary Ir Water Ma Sediment Drift Depo	issumed here as problematic ded and may lack hydric soil ce. Indicators (2 or more require rks (B1) (Riverine) Deposits (B2) (Riverine)
Type:	hes):arge ceramic tiles (m icators of hydrophytic te to limited saturations) BY ydrology Indicators: icators (minimum of certains) Water (A1) ater Table (A2)	c vegetation and depth, salin	and wetland hydrology. This feature is a ne conditions, or other factors, which material check all that apply) Salt Crust (B11)	erved. However, h vernal pool that is	ydric soils are as seasonally pond caused disturbant Secondary Ir Water Ma Sediment Drift Depo	ssumed here as problematic ded and may lack hydric soil ce. Indicators (2 or more require rks (B1) (Riverine) Deposits (B2) (Riverine) Usits (B3) (Riverine)
Type: Depth (incomplete in the content of the	hes):arge ceramic tiles (m icators of hydrophytic le to limited saturation and the saturation are the saturation and the saturation are water (A1) ater Table (A2) ion (A3)	c vegetation and depth, saling the saling th	check all that apply) Salt Crust (B11) X Biotic Crust (B12) Aquatic Invertebrates (B13)	erved. However, h vernal pool that is y include human-c	ydric soils are as seasonally pond caused disturbant seasonally pond seasonaly	dicators (2 or more require rks (B1) (Riverine) Deposits (B2) (Riverine) Patterns (B10)
Type:	hes):arge ceramic tiles (micators of hydrophytic le to limited saturation and the	c vegetation and depth, saling the saling th	check all that apply) Salt Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1)	erved. However, h vernal pool that is y include human-c	ydric soils are as seasonally pond caused disturbantal seasonally pond caused disturbantal seasonally pond sea	risumed here as problematic deled and may lack hydric soil ce. Indicators (2 or more require rks (B1) (Riverine) Deposits (B2) (Riverine) Desits (B3) (Riverine) Patterns (B10) On Water Table (C2)
Type: Depth (incomplete in the content of the conte	arge ceramic tiles (micators of hydrophytic le to limited saturation and control of the least of	c vegetation and depth, saling the saling th	check all that apply) Salt Crust (B11) X Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along	erved. However, h vernal pool that is y include human-c	ydric soils are as seasonally pond caused disturbantal seasonally pond caused disturbantal seasonally pond caused disturbantal seasonally pond	risumed here as problematic ded and may lack hydric soil ce. Indicators (2 or more require rks (B1) (Riverine) Deposits (B2) (Riverine) Desits (B3) (Riverine) Patterns (B10) On Water Table (C2) S Surface (C7)
Type:	arge ceramic tiles (micators of hydrophytical to limited saturation and control of the limited saturation and control of the limited saturation and control of the limited saturation and control of the limited saturation (minimum of control of the limit	c vegetation and depth, saling the content of the c	check all that apply) Salt Crust (B11) X Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4 Recent Iron Reduction in Tille	erved. However, h vernal pool that is y include human-c	ydric soils are as seasonally pond caused disturbantal seasonally pond caused disturbantal seasonally pond caused disturbantal seasonally pond caused disturbantal seasonal se	risumed here as problematic ded and may lack hydric soil ce. Indicators (2 or more require rks (B1) (Riverine) Deposits (B2) (Riverine) Desits (B3) (Riverine) Patterns (B10) Den Water Table (C2) C Surface (C7) Burrows (C8)
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Type:	arge ceramic tiles (micators of hydrophytic le to limited saturation and control of the letter of the letter of the letter of limited saturation and letter of limited saturation and letter of limited saturation and letter of limited saturation (minimum of control of letter of letter of limited saturation (minimum of letter o	c vegetation and depth, saling the conerequired; ine) ine) rine) magery (B7)	check all that apply) Salt Crust (B11) X Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4 Recent Iron Reduction in Tiller Thin Muck Surface (C7)	erved. However, h vernal pool that is y include human-c	ydric soils are as seasonally pond caused disturbanda with a secondary Ir Water Ma Sediment Drift Depo Drainage Dry-Seaso Thin Muck Crayfish E Saturatior Shallow A	issumed here as problematic ded and may lack hydric soil ce. Indicators (2 or more require rks (B1) (Riverine) Deposits (B2) (Riverine) Patterns (B10) On Water Table (C2) Is Surrows (C8) In Visible on Aerial Imagery (Cs. equitard (D3)
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Type: Depth (inc Remarks: L to strong ind indicators du YDROLOC Wetland Hy Primary Ind Surface High W Saturat Water N Sedime Drift De X Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes ca	ches): arge ceramic tiles (micators of hydrophytic le to limited saturation le to limited saturation le to limited saturation le water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriverent Deposits (B2) (Noriverent Deposits (B3) (Nonriverent Deposits (B3) (Nonriverent Deposits (B4) (Noriverent Deposits (B6) lion Visible on Aerial Instance Leaves (B9) vations: ler Present? Present? Yeresent? Yeresent? Yeresent?	ine) nriverine) rine) magery (B7) es N es N es N	check all that apply) Salt Crust (B11) X Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4 Recent Iron Reduction in Tille Thin Muck Surface (C7) Other (Explain in Remarks) No X Depth (inches): No X Depth (inches):	erved. However, h vernal pool that is y include human-c Living Roots (C3) 1) d Soils (C6) Wetland Hydi	ydric soils are as seasonally pond caused disturbanda with a secondary Ir Water Ma Sediment Drift Deporation Drift Deporation Drainage Dry-Season Thin Muck Crayfish E Saturation Shallow A FAC-Neutrology Present?	issumed here as problematic ded and may lack hydric soil ce. Indicators (2 or more require rks (B1) (Riverine) Deposits (B2) (Riverine) Patterns (B10) On Water Table (C2) Is Surrows (C8) In Visible on Aerial Imagery (Cs. quitard (D3) Itral Test (D5)
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Project/Site: Southwest Village Specific Plan Project	t	City/Coun	nty: San Dieg	0	_Sampling Date: 4/	12/2021
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point: 37	9
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	Range: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat:	32.55432052	89	Long: -117.018128776	Datum: N	NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percel	nt slopes			NWI classificati	on: depression	
Are climatic / hydrologic conditions on the site typica	I for this time o	f year? Yes	X No	o (If no, explain ir	n Remarks.)	
Are Vegetation X, Soil , or Hydrology	signif	icantly disturb	ped?	Are "Normal Circumstance	es" present? Yes	X No
Are Vegetation, Soil, or Hydrology				(If needed, explain any an	swers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map				s, transects, importan	it features, etc.	
Hydrophytic Vegetation Present? Yes X	(No	le ti	he Sampled	Aroa		
Hydric Soil Present? Yes X			hin a Wetlan	VΔC	X No	-
Wetland Hydrology Present? Yes X	No	_				
Remarks: The majority of the vegetation on the site is considered to meet the wetland criteria. VEGETATION – Use scientific names of pla						3
T 01 1 (D) 1 :	Absolute	Dominant	Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant S That Are OBL, FACW,		(A)
2				Total Number of Domin Species Across All Stra	nto:	(D)
Α				Percent of Dominant Sp		(B)
T		= Total Cove	er	That Are OBL, FACW,	or FAC: 100	(A/B)
Sapling/Shrub Stratum (Plot size:)					
1. none	-			Prevalence Index wor	ksheet:	
2.				Total % Cover of:	Multiply b	oy:
3.				OBL species	x 1 =	
4				FACW species	x 2 =	
5				FAC species		
		= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Rumex crispus		No No	FAC	Column Totals:	(A)	(B)
2. Festuca perennis		Yes	FAC	Prevalence Inde	ex = B/A =	
3. Hordeum depressum		No No	FACW	I hadaa ahada Maaadad	!!!4	
Phalaris minor Bromus diandrus	1	No No	UPL UPL	Hydrophytic Vegetation		
6	— — ·			X Dominance Test Prevalence Index		
				·	x is ≤3.0 daptations¹ (Provide s	cupporting
8.					rks or on a separate s	
	64	= Total Cov	ver	Problematic Hvd	rophytic Vegetation ¹ ((Explain)
Woody Vine Stratum (Plot size:)			rrobioinatio rryal	rophysio vogosasion ((Explair)
1. none				¹ Indicators of hydric so be present, unless dis		
2						
% Bare Ground in Herb Stratum 36 %	Cover of Biotic	= Total Cove	U I	Hydrophytic Vegetation Present? Y	'es X No	
Remarks: No ACOE vernal pool plant indicator spec			hasin			
To real vernal poor plant indicator spec	5.55 HOIO PIESE	wiu iii 1 u i e 1	Saoni.			

Type:	Type: C-Concontration: D-Depletion, RM=Reduzed Matrix: CS=Covered or Coated Sand Grains. *Location: PL=Pere Lining, RC=Root Channel, MeMateix. *Hydric Soil indicators: (Applicable to all LRRs, unless otherwise noted.) Histoc Eppedon (A2) Stardy Redox (S5) Black Histic (A3) Black Histic (A3) Loarny Mukry Mineral (F1) Hydrogen Stillidie (A4) Loarny Mukry Mineral (F1) Reduced Vertic (F8) Reduced V	Depth	Matrix		Redox Features			
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoscol (A1) Sandy Redox (S5) Histoscol (A2) Sitripped Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyded Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Loamy Gleyded Matrix (F2) Stratified Layers (A5) (LRR D) Redox Dark Surface (F6) Depleted Bellow Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (F1) Sandy Micky Mineral (F1) Sandy Micky Mineral (F1) Sandy Micky Mineral (F1) Sandy Micky Mineral (F1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes X No Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. YDROLOGY Wetland Hydrology Indicators: Primary Indicators (iminimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) High Water Table (A2) X Biotic Crust (B12) Drift Deposits (B3) (Riverine) Sediment Deposits (B2) (Nonriverine) Hydrogen Sulfide Codor (C1) Drift Deposits (B3) (Nonriverine) Sediment Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Water Marks (B1) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Water Table (A2) Sulface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C7) Inimudues capillarly finge) secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: wetland Hydrology Present? Yes No Depth (inches): Includes capillarly finge) secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoscol (A1) Sandy Redox (S5) Histoscol (A2) Black Histic (A3) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) 1 cm Muck (A9) (LRR D) Redox Dark Surface (A6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (F1) Sandy Micky Mineral (F1) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (F1) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (F1) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Micky Mineral (F1) Thick Dark Surface (F1) Thick Dark Surface (A12) Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes X No Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. **PROLOGY** Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Water Marks (B1) (Riverine) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) Primary Indicators (Inhimum of one required; check all that apply) Water Marks (B1) (Nonriverine) Sediment Deposits (B3) (Nonriverine) Sediment Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Water Marks (B1) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Water Sained Leaves (B9) Other (Explain in Remarks) **Inh Muck Surface (C7) Shallow Aquitard (D3) Water Sained Leaves (B9) Other (Explain in Remarks) **Inhimum Surface Water (A1) Shallow Aquitard (D3) FACNeutral Test (D5) **Inhimum Surface Water (A1) Shallow Aquitard (D3) FACNeutral Test (D5) **Inhimum Surface Water (A1) Shallow Aquita	(inches)	Color (moist)	%	Color (moist) % Ty	ype ¹ Loc ²	Texture	Remarks
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosci (A1) Sandy Redox (S5) Histosci (A1) Sandy Redox (S5) Black Histic (A3) Loamy Mukcky Mineral (F1) Hydrogen Sulfde (A4) Loamy Gleyed Matrix (F2) Straffied Layers (A5) (LRR C) Depleted Matrix (F3) 1 cm Mukc (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mukcy Mineral (S1) Sandy Mukcy Mineral (S1) Sandy Mukcy Mineral (S1) Sandy Gleyed Matrix (S2) Redox Depressions (F8) Sandy Mukcy Mineral (S1) Sandy Gleyed Matrix (S4) Westerictive Layer (if present): Type: Depth (inches): Popth (inches): Petmarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. **Wetland Hydrology Indicators: **Wetland Hydrology Indicators: **Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B1) Surface Water (A1) Salt Crust (B1) Drift Deposits (B2) (Riverine) Drift Deposits (B2) (Riverine) Drift Deposits (B2) (Riverine) Drift Deposits (B3) (Morriverine) Sediment Deposits (B2) (Nonriverine) Primary Indicators (B1) Salt Morriverine) Primary Indicators (B1) Salt Morriverine) Drift Deposits (B3) (Nonriverine) Primary Indicators (B1) Salt Matrix (B1) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Drift Deposits (B3) (Nonriverine) Drift Deposits (B3) (No	Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosci (A1) Histosci (A1) Histosci (A2) Black Histic (A3) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyded Matrix (F2) Stripfed Matrix (F3) 1 cm Muck (A9) (LRR C) Depleted Matrix (F3) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Black Nurface (F6) Depleted Black Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (F1) Sandy Mucky Mineral (F1) Sandy Mucky Mineral (F1) Sandy Gleyded Matrix (S4) Restrictive Layer (if present): Type: Depleted Black Surface (F9) Depleted Dark Surface (F9) Sandy Mucky Mineral (F1) Sandy Gleyded Matrix (S4) Restrictive Layer (if present): Type: Depleted Inches): Hydric Soil Present? Yes X No Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. **CIRCLOGY** Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saltorus (B1) Saturation (A3) Water Marks (B1) (Norriverine) Sediment Deposits (B2) (Norriverine) Sediment Deposits (B2) (Norriverine) Primary Indicators (Inimum of one required; check all that apply) Water Marks (B1) (Norriverine) Sediment Deposits (B2) (Norriverine) Sediment Deposits (B2) (Norriverine) Primary Indicators (Inimum of one required; check all that apply) Water Marks (B1) (Norriverine) Primary Indicators (Inimum of one required; check all that apply) Water Marks (B1) (Norriverine) Sediment Deposits (B2) (Riverine) Sediment Deposits (B2) (Riverine) Primary Indicators (Inimum of one required; check all that apply) Water Marks (B1) (Norriverine) Primary Indicators (Inimum of one required; check all that apply) Water Marks (B1) (Norriverine) Primary Indicators (Inimum of one required; check all that apply) Water Ma							
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosci (A1) Sandy Redox (S5) Histosci (A1) Sandy Redox (S5) Black Histic (A3) Loamy Mukcky Mineral (F1) Hydrogen Sulfde (A4) Loamy Gleyed Matrix (F2) Straffied Layers (A5) (LRR C) Depleted Matrix (F3) 1 cm Mukc (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mukcy Mineral (S1) Sandy Mukcy Mineral (S1) Sandy Mukcy Mineral (S1) Sandy Gleyed Matrix (S2) Redox Depressions (F8) Sandy Mukcy Mineral (S1) Sandy Gleyed Matrix (S4) Westerictive Layer (if present): Type: Depth (inches): Popth (inches): Petmarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. **Wetland Hydrology Indicators: **Wetland Hydrology Indicators: **Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B1) Surface Water (A1) Salt Crust (B1) Drift Deposits (B2) (Riverine) Drift Deposits (B2) (Riverine) Drift Deposits (B2) (Riverine) Drift Deposits (B3) (Morriverine) Sediment Deposits (B2) (Nonriverine) Primary Indicators (B1) Salt Morriverine) Primary Indicators (B1) Salt Morriverine) Drift Deposits (B3) (Nonriverine) Primary Indicators (B1) Salt Matrix (B1) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Drift Deposits (B3) (Nonriverine) Drift Deposits (B3) (No	Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosci (A1) Histosci (A1) Histosci (A2) Black Histic (A3) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyded Matrix (F2) Stripfed Matrix (F3) 1 cm Muck (A9) (LRR C) Depleted Matrix (F3) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Black Nurface (F6) Depleted Black Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (F1) Sandy Mucky Mineral (F1) Sandy Mucky Mineral (F1) Sandy Gleyded Matrix (S4) Restrictive Layer (if present): Type: Depleted Black Surface (F9) Depleted Dark Surface (F9) Sandy Mucky Mineral (F1) Sandy Gleyded Matrix (S4) Restrictive Layer (if present): Type: Depleted Inches): Hydric Soil Present? Yes X No Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. **CIRCLOGY** Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saltorus (B1) Saturation (A3) Water Marks (B1) (Norriverine) Sediment Deposits (B2) (Norriverine) Sediment Deposits (B2) (Norriverine) Primary Indicators (Inimum of one required; check all that apply) Water Marks (B1) (Norriverine) Sediment Deposits (B2) (Norriverine) Sediment Deposits (B2) (Norriverine) Primary Indicators (Inimum of one required; check all that apply) Water Marks (B1) (Norriverine) Primary Indicators (Inimum of one required; check all that apply) Water Marks (B1) (Norriverine) Sediment Deposits (B2) (Riverine) Sediment Deposits (B2) (Riverine) Primary Indicators (Inimum of one required; check all that apply) Water Marks (B1) (Norriverine) Primary Indicators (Inimum of one required; check all that apply) Water Marks (B1) (Norriverine) Primary Indicators (Inimum of one required; check all that apply) Water Ma							-
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Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoscol (A1) Sandy Redox (S5) Histoscol (A2) Sitripped Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyded Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Loamy Gleyded Matrix (F2) Stratified Layers (A5) (LRR D) Redox Dark Surface (F6) Depleted Bellow Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (F1) Sandy Micky Mineral (F1) Sandy Micky Mineral (F1) Sandy Micky Mineral (F1) Sandy Micky Mineral (F1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes X No Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. YDROLOGY Wetland Hydrology Indicators: Primary Indicators (iminimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) High Water Table (A2) X Biotic Crust (B12) Drift Deposits (B3) (Riverine) Sediment Deposits (B2) (Nonriverine) Hydrogen Sulfide Codor (C1) Drift Deposits (B3) (Nonriverine) Sediment Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Water Marks (B1) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Water Table (A2) Sulface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C7) Inimudues capillarly finge) secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: wetland Hydrology Present? Yes No Depth (inches): Includes capillarly finge) secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoscol (A1) Sandy Redox (S5) Histoscol (A2) Black Histic (A3) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) 1 cm Muck (A9) (LRR D) Redox Dark Surface (A6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (F1) Sandy Micky Mineral (F1) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (F1) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (F1) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Micky Mineral (F1) Thick Dark Surface (F1) Thick Dark Surface (A12) Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes X No Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. **PROLOGY** Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Water Marks (B1) (Riverine) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) Primary Indicators (Inhimum of one required; check all that apply) Water Marks (B1) (Nonriverine) Sediment Deposits (B3) (Nonriverine) Sediment Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Water Marks (B1) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Water Sained Leaves (B9) Other (Explain in Remarks) **Inh Muck Surface (C7) Shallow Aquitard (D3) Water Sained Leaves (B9) Other (Explain in Remarks) **Inhimum Surface Water (A1) Shallow Aquitard (D3) FACNeutral Test (D5) **Inhimum Surface Water (A1) Shallow Aquitard (D3) FACNeutral Test (D5) **Inhimum Surface Water (A1) Shallow Aquita							
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Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histos (A1) Sandy Redox (S5) Histos (A2) Black Histic (A3) Loamy Mucky Mineral (F1) Spripped Matrix (S6) Pepled Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Redox Dark Surface (F7) Thick Dark Surface (A12) Redox Dark Surface (F7) Thick Dark Surface (A12) Sandy Mucky Mineral (F1) Sandy Mucky Mineral (F1) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Surface (A12) Redox Depressions (F8) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Pepth (inches): Pepth (inches): Primary Indicators (minimum of one required; check all that apply) Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) High Water Table (A2) Saltic Crust (B12) Drift Deposits (B3) (Riverine) Primary Indicators (Monriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Drift Deposits (B3) (Nonriverine) Primary Indicators (B6) Recent Iron Reduction in Tilled Soils (C6) Salturation (Visible on Aerial Imagery (C7) Thin Muck Surface (C7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water Testine Present? Yes No X Depth (inches): Water Testine Present? Yes No X Depth (inches): Surface Water Present? Yes No X Depth (inches): Surface Water Present? Yes No X Depth (inches): Surface Water Present? Yes No X Depth (inches): Wetland Hydrology Present? Yes X No [includes capillarly fringe) escribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histos (A1) Sandy Redox (S5) Histos (A2) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Redox Dark Surface (F7) Thick Dark Surface (A12) Redox Dark Surface (F7) Thick Dark Surface (A12) Redox Dark Surface (F7) Thick Dark Surface (A12) Sandy Mucky Mineral (F1) Thick Dark Surface (A12) Redox Dark Surface (F7) Thick Dark Surface (A12) Redox Dark Surface (F7) Thick Dark Surface (A12) Sandy Mucky Mineral (S11) Sandy Mucky Mineral (S11) Sandy Mucky Mineral (S11) Sandy Mucky Mineral (S11) Sepheted Below Dark Surface (A12) Redox Dapressions (F8) "andicators of hydrophytic vegetation and welland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes X No Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Self Crust (B12) Primary Indicators (minimum of one required; check all that apply) Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Primary Indicators (minimum of one required; check all that apply) Water Marks (B1) (Norriverine) Primary Indicators (B2) Primary Indicators (B2) For the present (B2) Primary Indicators (B2) Water Marks (B1) (Norriverine) Primary Indicators (B2) Primary Indicators (B2) Water Marks (B1) (Norriverine) Primary Indicators (B2) Primary Indicators (B2) Primary Indicators (B2) Water Marks (B1) (Norriverine) Primary Indicators (B2) Primary Indicators (B2) Primary Indicators							
Histosof (A1) Sandy Redox (S5) 1 cm Muck (A9) (LRR C) Histo Epipedon (A2) Stripped Matrix (S6) 2 cm Muck (A10) (LRR B) Black Histo (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parent Material (TF2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) X Other (Explain in Remarks) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) "Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type: Hydric Soil Present? Yes X No Pepth (inches): Hydric Soil Present? Yes X No Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. YDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Section (A3) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) Surface Water (A2) X Biotic Crust (B12) Drift Deposits (B3) (Riverine) Saturation (A3) Aquatic Invertebrates (B13) Drift Deposits (B3) (Riverine) Drift Deposits (B3) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B3) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquatic Inverse (C8) X Surface Soil Cracks (B6) Recent Iron Reduction in Titled Soils (C6) Saturation Visible on Aerial Imagery (C3) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquatic (D3) Field Observations: Surface Water Present? Yes No X Depth (inches): Surface Water Present? Yes No X Depth (inches): Surface Water Fresent? Yes No X Depth (inches): Surface Water Fresent? Yes No X Depth (inches): Surface	Histosof (A1) Sandy Redox (\$5) 1 cm Muck (A9) (LRR C) Histo Epipedon (A2) Stripped Matrix (\$6) 2 cm Muck (A10) (LRR B) Black Histo (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parent Material (TF2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) X Other (Explain in Remarks) 1 cm Muck (A9) (LRR D) Red Abarts (F3) X Other (Explain in Remarks) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) "Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes X No Peth (inches): Primary Indicators (Maintum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Surface Water (A1) Salt Crust (B12) Surface Water (A1) Surface Water (A1) High Water Table (A2) Subject or Surface (A2) Subject or Subject or Surface (A2) Subject or Surface (A2) Subject or Surface (A2) Subject or Surface (A2) Subject or Subject or Surface (A2) Subject or Subject or Surface (A2) Subject or Subject or Surface (A2) Subject or Subject or Surface (A2) Subject or	¹ Type: C=Co	ncentration, D=Depletion	on, RM=Reduced l	Matrix, CS=Covered or Coated San	d Grains. ² L	ocation: PL=Pore L	ining, RC=Root Channel, M=Matrix.
Histic Epipedon (A2) Stripped Matrix (S6)	Histic Epipedon (A2) Stripped Matrix (S6)	Hydric Soil	Indicators: (Appli	cable to all LRF	Rs, unless otherwise noted.)		Indicators fo	r Problematic Hydric Soils ³ :
Histic Epipedon (A2) Stripped Matrix (S6)	Histic Epipedon (A2) Stripped Matrix (S6)	-			•		1 cm Muc	ck (A9) (LRR C)
Black Histic (A3)	Black Histic (A3)		` '		<u> </u>			, , ,
Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR C) Depleted Matrix (F2) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A11) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Redox Dark Surface (F7) From Matrix (S4) Redox Depressions (F8) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes X No Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. **YDROLOGY** Wetland Hydrology Indicators: Primary Indicators (minimum of one required: check all that apply) Surface Water (A1) Salt Crust (B11) Salt Crust (B11) Salt Crust (B11) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Saltrace Water (A6) Saturation (Val) Saturation (Val) Saturation (Val) Water Marks (B1) (Nonriverine) Presence of Reduced Iron (C4) Craylish Burrows (C8) Saturation Visible on Aerial Imagery (C Innundation Visible on Aerial Imagery (C Shallow Aquatar (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) FAC-Neutral Test (D5) Factor of the delineation, evidence of surface soil cracks and biotic crust indicate that the area upports welland hydrology. Water table level and saturation are not known as a soil pit was not dug and the presence of San Diego fairy shrimp was	Hydrogen Sulfide (A4)					(F1)		
Stratified Layers (A5) (LRR C) Depleted Matrix (F3)	Stratified Layers (A5) (LRR C)		, ,					
1 cm Muck (A9) (LRR D)	1 cm Muck (A9) (LRR D)	, ,	١ /	C)		(i <i>L</i>)		` ,
Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Redox Depressions (F8) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Vernal Pools (F9) Wetand Pydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Permarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. YDROLOGY Wetand Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Aquatic Invertebrates (B13) Saturation (A3) Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Drift Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Inundation Visible on Aerial Imagery (B7) Water Marks (B	Depleted Below Dark Surface (A11)			O)		=6)	<u> </u>	plan in remarks)
Thick Dark Surface (A12)	Thick Dark Surface (A12)			ce (A11)		,		
Sandy Mucky Mineral (S1)	Sandy Mucky Mineral (S1)			00 (/ (/)		` '	3Indicators of	hydrophytic vegetation and
Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Salt Crust (B11) Salt crust (B12) Drift Deposits (B2) (Nonriverine) Surface Water (A1) Sediment Deposits (B2) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Surface Soil Cracks (B6) Recent Iron Reduced Iron (C4) X Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) This Maker Surface (B9) This Muck Surface (C7) Sediment Deposits (B2) Water Marks (B1) (Nonriverine) Drift Deposits (B3) (Monriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C7) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inch	Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. Wetland Hydrology Indicators:		` ,		`	0)		
Restrictive Layer (if present): Type: Depth (inches): Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Selic Crust (B12) Salturation (A3) Aquatic Invertebrates (B13) Drift Deposits (B2) (Riverine) Sediment Deposits (B2) (Riverine) Salturation (A3) Aquatic Invertebrates (B13) Drift Deposits (B2) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water-Stained Leaves (B9) Vescribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks and biotic crust indicate that the area upports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug and the presence of San Diego fairy shrimp was	Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes _ X _ No				vernai i oois (i o)			
Type:	Type:						dilicos dis	tarbed or problematic.
Pepth (inches): Hydric Soil Present? Yes X No Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. Value	Depth (inches):	Restrictive	Layer (if present):					
Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. VDROLOGY	Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. Value	Type:			_			
Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. VDROLOGY	Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. Value	Depth (inc	hes):				Hydric Soil Prese	ent? Yes X No
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Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	_Sampling Date: 4/12/	2021
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 382	
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	ange: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slope (%)	0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55724881	64	Long: -117.01871224	Datum: NAI	D83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification		
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstance		No
Are Vegetation Soil X, or Hydrology				(If needed, explain any ans	swers in Remarks.)	_
SUMMARY OF FINDINGS – Attach site map sh				s, transects, importan	t features, etc.	
Hydrophytic Vegetation Present? Yes X	_No	_	he Sampled	Aron		
Hydric Soil Present? Yes X	_No		ne Sampieu hin a Wetlan	YAC	X No	
Wetland Hydrology Present? Yes X	_No	_				
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sampl	ed during the growing s	season and
VEGETATION — 636 Scientific fluines of plants	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Sp		
1. <u>none</u> 2				That Are OBL, FACW, of Total Number of Domina	ant	(A)
3				Species Across All Strat		(B)
4		= Total Cov	er	Percent of Dominant Sp That Are OBL, FACW, o		(A/B)
Sapling/Shrub Stratum (Plot size:)				Duarratan as Inday word	lea barate	
1. <u>none</u> 2.				Prevalence Index work Total % Cover of:	Multiply by:	
				OBL species	x 1 =	
				FACW species		
				FAC species	•	
0		= Total Cov	 er	FACU species	x 4 =	
Herb Stratum (Plot size:				UPL species	x 5 =	
1. Plagiobothrys acanthocarpus	5	Yes	OBL	Column Totals:	(A)	(B)
2. Festuca perennis	3	Yes	FAC	Prevalence Inde	x = B/A =	
3. Bromus hordeaceus	1	No	FACU	Frevalence inde	X - D/A -	_
4. Lythrum hyssopifolia	1	No	OBL	Hydrophytic Vegetation	on Indicators:	
5				_X Dominance Test i	is >50%	
6				Prevalence Index	is ≤3.0¹	
7. 8.					laptations¹ (Provide sup	
	10	= Total Co	ver	Problematic Hydr	ophytic Vegetation¹ (Ex	(plain
Woody Vine Stratum (Plot size:)						
1. <u>none</u>				¹ Indicators of hydric so be present, unless dist	il and wetland hydrolog urbed or problematic.	y must
2		= Total Cov	or		· · · · · ·	
% Bare Ground in Herb Stratum 90 % Co	ver of Biotic		eı	Hydrophytic Vegetation Present? Yes	es X No	
Remarks: Sample area is a vernal pool that receives ru	ınoff from a	relatively sma	all local micro	-watershed. In addition to	the vernal pool consisti	ng
predominately of hydrophytic vegetation, it also support						

(inches) Cold	or (moist)	<u> </u>	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	
0-4 10YR 3	3/2	100					sandy clay			
1-18 <u>10YR 4</u>	./4	100					sandy clay			
					 .					
								_		
										
							-			
Type: C=Concentration	n D=Denletion R	M=Reduced N	Matrix CS=Cover	ed or Coated	Sand Grain	s ² I	ocation: PI =Poi	re Lining RC=I	Root Channel, M=Ma	triv
lydric Soil Indicate	•		-			J. L			natic Hydric Soils	
Histosol (A1)			Sandy	Redox (S5)		1 cm N	/luck (A9) (LF	RR C)	
Histic Epipedon	(A2)		Strippe	d Matrix (S	66)		2 cm N	/luck (A10) (L	RR B)	
Black Histic (A3))		Loamy	Mucky Mir	neral (F1)			ed Vertic (F1	,	
Hydrogen Sulfid				Gleyed Ma				arent Materia	, ,	
Stratified Layers	, , , ,			ed Matrix (I	,		X Other	(Explain in R	emarks)	
1 cm Muck (A9)		A 4 4 \		Dark Surfa	` '					
Depleted Below Thick Dark Surfa	,	A11)		ed Dark Su			3Indicators	of hydrophyt	ic vogetation and	
Sandy Mucky M	` '			Depression Pools (F9)					ic vegetation and nust be present,	
Sandy Gleyed M	` ,		voinai	1 0013 (1 3)				disturbed or	•	
Restrictive Layer (if	present):									
Type:										
. , , , , , , , , , , , , , , , , , , ,			_							
Depth (inches):	ytic vegetation	and wetland	hydrology. This	s feature is	a vernal po	ool that is s	easonally pon	here as probl ded and may		 ng
Depth (inches):	ytic vegetation	and wetland	hydrology. This	s feature is	a vernal po	ool that is s	are assumed leasonally pon	here as probl ded and may	lematic due to stro	 ng
Depth (inches):	ytic vegetation ion depth, salin	and wetland	hydrology. This	s feature is	a vernal po	ool that is s	are assumed leasonally pon used disturban	here as probl ded and may ce.	lematic due to stro	ng dicators
Depth (inches): Remarks: indistinct solicators of hydropholicators of hydropholicators of hydropholicators of hydropholicators of hydropholicators of hydrology YDROLOGY Wetland Hydrology	ytic vegetation ion depth, salin	and wetland e conditions	hydrology. This, or other factor	s feature is s, which m	a vernal po	ool that is s	are assumed leasonally pon used disturban	here as probl ded and may ce. condary Indi	lematic due to stro	ng dicators
Depth (inches): Remarks: indistinct solicators of hydrophilue to limited saturate YDROLOGY Wetland Hydrology Primary Indicators (rown Surface Water (content to the surface water (con	ytic vegetation ion depth, salin / Indicators: minimum of one	and wetland e conditions	hydrology. This, or other factor	s feature is s, which m	a vernal po	ool that is s	are assumed leasonally pon used disturban	here as probled and may ce. condary Indi Water Marks	lematic due to stro	ng dicators
Depth (inches):	ytic vegetation ion depth, salin / Indicators: minimum of one	and wetland e conditions	hydrology. This, or other factor	s feature is s, which m	a vernal po	ool that is s	are assumed leasonally pon used disturban	here as probl ded and may ce. condary Indi Water Marks Sediment Do	lematic due to stro y lack hydric soil ind icators (2 or more s (B1) (Riverine)	ng dicators
Depth (inches): Remarks: indistinct solicators of hydropholiue to limited saturate YDROLOGY Wetland Hydrology Primary Indicators (roward Surface Water (roward Hydrology) High Water Tab Saturation (A3)	ytic vegetation ion depth, salin vindicators: minimum of one A1) le (A2)	and wetland e conditions	neck all that app Salt Cru X Biotic Co Aquatic	e feature is s, which m bly) st (B11) rust (B12) Invertebrat	a vernal po ay include I	ool that is s	are assumed leasonally pon used disturban	condary Indi Water Marks Sediment De	lematic due to stro v lack hydric soil ind cicators (2 or more s (B1) (Riverine) eposits (B2) (Riverine) ts (B3) (Riverine) atterns (B10)	ng dicators
Depth (inches): Remarks: indistinct solicators of hydropholicators of hydropholicators of hydropholicators of hydrology Primary Indicators (rowning Surface Water (High Water Tables Saturation (A3) Water Marks (B	ytic vegetation ion depth, salin y Indicators: minimum of one A1) le (A2) 1) (Nonriverine	and wetland e conditions e required; cl	neck all that app Salt Cru X Biotic Co Aquatic Hydroge	oly) st (B11) rust (B12) Invertebrat	a vernal po ay include I	ool that is s	are assumed leasonally pon used disturban	condary Indi Water Marks Sediment De Drift Deposit Drainage Pa	lematic due to stro y lack hydric soil ind icators (2 or more is (B1) (Riverine) eposits (B2) (Riverine) atterns (B10) Water Table (C2)	ng dicators
Depth (inches): Remarks: indistinct solicators of hydrophology Primary Indicators (range) Surface Water (and High Water Table) Saturation (A3) Water Marks (Ballone)	ytic vegetation ion depth, salin relations: r Indicators: minimum of one A1) le (A2) 1) (Nonriverine sits (B2) (Nonri	and wetland e conditions e required; cl	neck all that app Salt Cru X Biotic Co Aquatic Hydroge Oxidized	oly) st (B11) rust (B12) Invertebraten Sulfide (a vernal po ay include I ees (B13) Odor (C1) eres along	ol that is s numan-cau	are assumed leasonally pon used disturban	condary Indi Water Marks Sediment De Drift Deposit Drainage Pa Dry-Season Thin Muck S	lematic due to stro y lack hydric soil ind sicators (2 or more s (B1) (Riverine) eposits (B2) (Riverine) attems (B10) Water Table (C2) Surface (C7)	ng dicators
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Depth (inches): Remarks: indistinct solicators of hydropholdue to limited saturate saturate saturate saturate saturate saturate saturate saturate saturate saturate saturate saturate saturate saturate saturation (A3) Water Marks (B) Sediment Deposits (E) X Surface Soil Crassian saturation (A3)	ytic vegetation ion depth, salin y Indicators: minimum of one A1) le (A2) 1) (Nonriverine sits (B2) (Nonri 3) (Nonriverin acks (B6)	and wetland e conditions e required; cl e) verine) e)	neck all that app Salt Cru X Biotic Ci Aquatic Hydroge Oxidized Presend Recent	oly) st (B11) rust (B12) Invertebraten Sulfide (d Rhizosphere of Reduction R	a vernal po ay include I des (B13) Odor (C1) eres along ced Iron (C4 tion in Tille	Living Roc	are assumed leasonally pon used disturban	condary Indi Water Marks Sediment De Drift Deposit Drainage Pa Dry-Season Thin Muck S Crayfish Bur Saturation V	icators (2 or more s (B1) (Riverine) eposits (B2) (Riverine) atterns (B10) Water Table (C2) Surface (C7) rrows (C8) //sible on Aerial Image	require
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Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	_Sampling Date:	4/12/2021
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point:	383
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	ange: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slope	e (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	32.55640515	21	Long: -117.018726807	 Datum	n: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification	on: none	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstance		X No
Are Vegetation, Soil, or Hydrology				(If needed, explain any ans	swers in Remarks	 .)
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	t features, etc.	
Hydrophytic Vegetation Present? Yes X	_No	lo ti	ha famalad	Aros		
Hydric Soil Present? Yes X	_No		he Sampled . hin a Wetland	YAC	X No	
Wetland Hydrology Present? Yes X	No	_				
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sampl	ed during the grov	ving season and
VEGETATION — 636 Scientific fluines of plants	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Sp		
1. none				That Are OBL, FACW, o		2 (A)
2. 3.				Total Number of Domina Species Across All Strat		2 (B)
4.				Percent of Dominant Sp		
		= Total Cove	er	That Are OBL, FACW, o	or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index work	rsheet:	
2.				Total % Cover of:	Multipl	y by:
3				OBL species	x 1 =	
4				FACW species	x 2 =	
5				FAC species		
		= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Psilocarphus brevissimus	3	No No	FACW	Column Totals:	(A)	(B)
2. Plagiobothrys acanthocarpus	5	Yes	OBL_	Prevalence Inde	x = B/A =	
3. Lythrum hyssopifolia		No	OBL			
4. Hordeum depressum		No Yes	FACW	Hydrophytic Vegetatio		
5. Festuca perennis 6. Erodium botrys		Yes No	FACU	X Dominance Test i		
7				Prevalence Index		lo ou poeting
8.				Morphological Addata in Remark	apiaiions· (Provid ks or on a separat	
0		= Total Cov	/er	Problematic Hydro	•	,
Woody Vine Stratum (Plot size:		Total Go	701	Floblematic Hydro	opriyiic vegetation	i (Explairi)
1 none				¹ Indicators of hydric so	il and wetland hvo	Irology must
				be present, unless dist		
Z		= Total Cove	er	Hydrophytic Vegetation		
	ver of Biotic			Present? Ye	es X No	
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does support acanthocarpus).						

4-18 10YR 4/3 99 7.5YR 4/4 1 C M day redox 4-18 10YR 4/3 99 7.5YR 4/4 1 C M day redox Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, GS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, GS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, GS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, GS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, GS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, GS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, GS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, GS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, GS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, GS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, GS=Covered or Call Call Call Call Call Call Call Cal		Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains.	0-4 1	10YR 4/2	95	7.5YR 4/4	5	C	М	clay	redox
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosoi (A1)	-18 1	10YR 4/3	99	7.5YR 4/4	1	С	М	clay	redox
ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A1) Histosol (A2) Sandy Redox (S5) Slipped Matrix (S6) Slack Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy (Beyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Loamy (Beyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Below Dark Surface (A11) Depleted Dark Surface (F6) Depleted Below Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Sertictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes X No Depleted matrix observed in top soil layer (0-4") DROLOGY Fetand Hydrology Indicators: timary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Salt Crust (B11) Surface Water (A1) Salt Crust (B11) Surface Water (A1) Salt Crust (B12) Salt Crust (B13) Surface Water (A1) Salt Crust (B12) Salt Crust (B13) Surface Water (A1) Salt Crust (B13) Surface Water (A1) Salt Crust (B12) Salt Crust (B13) Surface Water (A1) Salt Crust (B12) Salt Crust (B13) Surface Water (A1) Salt Crust (B13) Surface Water (A1) Salt Crust (B13) Surface Water (A1) Salt Crust (B13) Salt Crust (B13) Surface Water (A1) Salt Crust (B13)							· .		
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ydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosoil (A1) Histosoil (A1) Histosoil (A2) Sandy Redox (S5) Slipped Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Below Dark Surface (A11) Depleted Dark Surface (F6) Depleted Below Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Vernal Pools (F9) Popelted Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes X No Brail (B1) Secondary Indicators (2 or more required triangle (B2) (Riverine) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) Presence of Reduced Iron (C4) Sediment Deposits (B2) (Riverine) Drink Deposits (B3) (Riverine) Drink Deposits (B3) (Riverine) Drink Deposits (B3) (Riverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Curron Reduction in Tilled Soils (C6) Saturation (Nais) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Thin Muck Surface (C7) Carlyfish Burrows (C8) Surface Water Present? Yes No Depth (inches): Indicators for Problematic Hydric Soils*: The Redox Depression for Reduction in Tilled Soils (C6) Saturation (Naish) Redox Deposits (B2) (Riverine) Drink Deposits (B2) (Riverine) Drink Deposits (B2) (Riverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Carlyfish Burrows (C8) Saturation Visible on Aerial Imagery (C7) Carlyfish Burrows (C8) Saturation (Naish) Recent Iron Reduction in Tilled Soils (C6) Saturation (Naish) Recent Iron Reduction in Tilled Soils (C6) Saturation (Naish) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C7) Thin Muck Surface (C7) Shallow Aquitard (D3) FAC-Neutral Test (D5) Schemer Steen Pre								-	
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Histic Epipedon (A2) Stripped Matrix (S6) 2 cm Muok (A10) (LRR B) Black Histic (A3) Loamy Muky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) RR D) Reduce Dark Surface (A11) Depleted Matrix (F2) Depleted Below Dark Surface (A11) Depleted Dark Surface (F6) Depleted Below Dark Surface (A12) Redox Depressions (F8) Politicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Strictive Layer (if present): Type: Depth (inches): Bernarks: depleted matrix observed in top soil layer (0-4*) DROLOGY DROLO	•	`	able to all	•		,			•
Black Histic (A3)	_ `	,			•	•			
Hydrogen Sulfide (A4)	_								
Stratified Layers (A5) (LRR C) X Depleted Matrix (F3) Other (Explain in Remarks)		, ,							* ,
1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A12) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Principle (F8)	_ , ,	` '	3)						t t
Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Redox Depressions (F8) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Setrictive Layer (if present): Type: Depth (inches): Brock Gepleted matrix observed in top soil layer (0-4") DROLOGY Wetland Hydrology Indicators: Water Marks (B1) (Riverine) Surface Water (A1) Salt Crust (B12) Salturation (A3) High Water Table (A2) Salturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Drift Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine)		• , , ,	ره			-		Outer (E	-vhiain in izemarve)
Thick Dark Surface (A12) Redox Depressions (F8) 3Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Sardy Gleyed Matrix (S4) Urenal Pools (F9) Wetland hydrology must be present, unless disturbed or problematic. Setrictive Layer (if present): Type: Depth (inches): Depth (inches): Hydric Soil Present? Yes X No marks: depleted matrix observed in top soil layer (0-4") **Torniary Indicators (minimum of one required; check all that apply) Surface Water (A1) Surface Water (A1) Sati Crust (B11) Sediment Deposits (B2) (Riverine) Suturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Suturation (Va) Sutrace Soil Cracks (B6) Accordant Indicators (2 or more required) Water Marks (B1) (Nonriverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Sediment Deposits (B3) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Ield Observations: utrace Water Present? Yes No X Depth (inches): aturation Present? Yes No X Depth (inches): aturation Present? Yes No X Depth (inches): aturation Present? Yes No X Depth (inches): aturation Present? Yes No X Depth (inches): aturation Present? Yes No X Depth (inches): aturation Present? Yes No X Depth (inches): aturation Present? Yes No X Depth (inches): aturation Present? Yes No X Depth (inches): aturation Present? Yes No X Depth (inches): aturation Present? Yes No X Depth (inches): aturation Present? Yes No X Depth (inches): aturation Present? Yes No X Depth (inches): aturation Present? Yes No X Depth (inches):	_		e (A11)			` '			
Sandy Mucky Mineral (S1)			~ (, (, i, i,					³ Indicators o	f hydrophytic vegetation and
sandy Gleyed Matrix (S4) unless disturbed or problematic. estrictive Layer (if present):		, ,			•	.5 (. 5)			
Type:	_			voillai i	22.0 (10)				
Depth (inches):		yer (if present):							
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Vetland Hydrology Indicators: Vetland Hydrology Indicators (minimum of one required; check all that apply) Surface Water (A1) Surface Water (A2) Salt Crust (B12) Saturation (A3) Aquatic Invertebrates (B13) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Riverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B2) (Nonriverine) Drift Deposits (B2) (Nonriverine) Presence of Reduced Iron (C4) X Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Wetland Hydrology Present? Yes No X Depth (inches): Later Table Present? Yes No X Depth (inches): Later	Deptit (inche	<i></i>						Hydric Soli Fre	sent? res X No
Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Riverine) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B3) (Riverine) Drainage Patterns (B10) Drain									
Surface Water (A1)								Soci	andary Indicators (2 or more require
High Water Table (A2)	Vetland Hyd	rology Indicators:		d: check all that ann	lv)				
Saturation (A3)	Vetland Hyd Primary Indica	rology Indicators: ators (minimum of c		•	-			\	Vater Marks (B1) (Riverine)
Water Marks (B1) (Nonriverine)	Vetland Hyd Primary Indica Surface V	rology Indicators: ators (minimum of c Vater (A1)		Salt Crus	st (B11)				Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) Seld Observations: Urface Water Present? Yes No X Depth (inches): Jaturation Present? Yes No X Depth (inches): Jeturation Present? Yes No A No Includes capillary fringe) Jeturation Present? Yes No X Depth (inches): Jeturation Present? Yes No X Depth (inches): Jeturation Present? Yes No X No Includes C7) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5) FAC-Neutral Test (D5) Wetland Hydrology Present? Yes X No No Includes Capillary fringe) Secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Jeturation Present? Yes Yes Yes Yes Yes Yes Yes Ye	Vetland Hyd Primary Indica Surface V High Wate	rology Indicators: ators (minimum of o Vater (A1) er Table (A2)		Salt Crus	st (B11) ust (B12)	(0.40)			Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine)
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Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) ield Observations: urface Water Present? Yes No X Depth (inches): /ater Table Present? Yes No X Depth (inches): aturation Present? Yes No X Depth (inches): water Table Present? Yes No X Depth (inches): aturation Present? Yes No X Depth (inches): aturation Present? Yes No X Depth (inches): aturation Present? Yes No X Depth (inches): aturation Present? Yes No X Depth (inches): aturation Present? Yes X No Metland Hydrology Present?	Vetland Hyd Primary Indica Surface V High Wate Saturation Water Ma Sediment	rology Indicators: ators (minimum of o Vater (A1) er Table (A2) n (A3) arks (B1) (Nonriver Deposits (B2) (No	one require rine) nriverine)	Salt Crus X Biotic Cr Aquatic I Hydroge Oxidized	st (B11) ust (B12) nvertebrat n Sulfide C Rhizosph	Odor (C1) eres along	_		Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) ield Observations: ourface Water Present? Yes No _X _ Depth (inches): vater Table Present? Yes No _X _ Depth (inches): outfact Table Present? Yes No _X _ Depth (inches): outfact Table Present? Yes No _X _ Depth (inches): outfact Table Present? Yes No _X _ Depth (inches): outfact Table Present? Yes No _X _ Depth (inches): outfact Table Present? Yes No _X _ Depth (inches): outfact Table Present? Yes No _X _ Depth (inches): outfact Table Present? Yes No _X _ Depth (inches): outfact Table Present? Yes No _X _ Depth (inches): outfact Table Present? Yes No Yes No Yes No Yes Yes X _ No Yes Yes X _ No Yes Yes X _ No Yes Yes X _ No Yes Yes X _ No Yes Yes X _ No Yes Yes X _ No Yes Yes X _ No Yes X _ No Yes Yes X _ No Yes X _ No Yes Yes X _ No Yes X _ No Yes X _ No Yes X _ No Yes X _ Yes X _ No Yes X _ Yes X	Wetland Hyd Primary Indica Surface V High Wate Saturation Water Ma Sediment Drift Depo	rology Indicators: ators (minimum of o Vater (A1) er Table (A2) n (A3) arks (B1) (Nonriver Deposits (B2) (No posits (B3) (Nonrive	one require rine) nriverine)	Salt Crus X Biotic Cr Aquatic I Hydroge Oxidized Presence	st (B11) ust (B12) nvertebrat n Sulfide C Rhizosph	Odor (C1) eres along ed Iron (C4	1)	\ 	Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
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Project/Site: Southwest Village Specific Plan Project		City/Cour	ity: San Dieg	0	_Sampling Date: 4/12/2	2021
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 384	
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	Range: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%):	0-2
Subregion (LRR): C - Mediterranean California	Lat: (32.55611222	05	Long: -117.018671809	 Datum: NAD)83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl				NWI classification		
Are climatic / hydrologic conditions on the site typical for		vear? Yes	X No			
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstance		No
Are Vegetation , Soil X, or Hydrology				(If needed, explain any ans		
					•	
SUMMARY OF FINDINGS – Attach site map sh	owing sar	mpling poir	nt locations	s, transects, important	t features, etc.	
Hydrophytic Vegetation Present? Yes X	No			_		
Hydric Soil Present? Yes X	No		ne Sampled nin a Wetlan	YAC	X No	
Wetland Hydrology Present? Yes X	No	Witi	iiii a vvetiaii	ur —		
Remarks: The majority of the vegetation on the site ha	s been dist	urbed due to	past land use	es. This feature was sample	ed during the growing so	eason and
meets the wetland criteria.	o boom diote	arbou duo to	paor iana aoc	o. The foatare was campi	ou during the growing of	Jacon and
VEGETATION – Use scientific names of plants						
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works		
1. none	70 COVEI	_opecies:	Status	Number of Dominant Sp That Are OBL, FACW, of		(A)
2.				Total Number of Domina		(^)
3				Species Across All Strat		(B)
4.				Percent of Dominant Sp		
T		= Total Cove	er	That Are OBL, FACW, o	or FAC: 100	(A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index work	ksheet:	
2.				Total % Cover of:	Multiply by:	
3.				OBL species	x 1 =	
4				FACW species	x 2 =	_
5				FAC species		
		= Total Cove	er	FACU species	x 4 =	_
Herb Stratum (Plot size:)				UPL species	x 5 =	_
1. Psilocarphus brevissimus	5			Column Totals:	(A)	(B)
2. Spergularia bocconi	5			Prevalence Inde	ex = B/A =	
3. Festuca perennis	3					
4. Hordeum depressum	10			Hydrophytic Vegetatio	on Indicators:	
5. Plagiobothrys acanthocarpus	1			X Dominance Test i	is >50%	
6. Mesembryanthemum nodiflorum	1			Prevalence Index	is ≤3.0¹	
7					laptations¹ (Provide supp	
8					ks or on a separate shee	,
Marchalfine Objetania (District	25	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Exp	olain)
Woody Vine Stratum (Plot size:)				11 12 6 61 12		
1. none				be present, unless dist	oil and wetland hydrology turbed or problematic.	/ must
2				' '		<u>.</u>
		= Total Cove	er	Hydrophytic Vegetation		
% Bare Ground in Herb Stratum 75 % Co	ver of Biotic	Crust			es X No	
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro		the vernal pool consistir	<u> </u>
predominately of hydrophytic vegetation, it does support						9
acanthocarpus).						

	Color (moist)			or (moist)	%	_Type ¹	Loc ²	Texture		Remarks
)-2	10YR 4/2	100						sandy clay	no redox	
<u>!</u> -18	10YR 4/3	100						sandy clay	no redox	
	_					- ——				
					_					
	-									
	_									
Type: C=C	 oncentration, D=Depl	etion RM=Rec	luced Matr	iv CS=Covere	d or Coated	Sand Grain	2 ₁	ocation: PI =Po	are Lining RC=F	Root Channel, M=Matrix.
•	il Indicators: (Apr	-		-			3. I			atic Hydric Soils ³ :
Histoso	ol (A1)		·	Sandy I	Redox (S5))		1 cm l	Muck (A9) (LF	RR C)
Histic E	Epipedon (A2)			Strippe	d Matrix (S	66)			Muck (A10) (L	·
Black I	Histic (A3)			Loamy	Mucky Min	neral (F1)		Reduc	ced Vertic (F1	3)
Hydrog	gen Sulfide (A4)			Loamy	Gleyed Ma	atrix (F2)		Red P	arent Materia	(TF2)
Stratifie	ed Layers (A5) (LF	RRC)		Deplete	ed Matrix (F	- 3)		X Other	(Explain in Re	emarks)
1 cm M	fuck (A9) (LRR D)				Dark Surfa	, ,				
_ '	ed Below Dark Sui	, ,		'	ed Dark Su	` '				
	Dark Surface (A12)				Depressior					c vegetation and
_	Mucky Mineral (S			Vernal I	Pools (F9)					ust be present,
	Gleyed Matrix (S4	<u> </u>						unless	disturbed or p	problematic.
estrictive	Layer (if present):								
_	, , ,									
Туре:										, ,
Type: Depth (in emarks: I etland hyd	ches):	re is a vernal	pool that	is seasonall	y ponded a	and may la			indicators of	res X No No hydrophytic vegetation a saturation depth, saline
Type:	ches): No redox features drology. This featur or other factors, wi	re is a vernal	pool that	is seasonall	y ponded a	and may la		due to strong	indicators of	hydrophytic vegetation a
Type: Depth (in emarks: I etland hyd onditions,	ches): No redox features drology. This featur or other factors, wi	re is a vernal hich may inc	pool that	is seasonall	y ponded a	and may la		due to strong oil indicators o	indicators of due to limited	hydrophytic vegetation a
Type:	ches):	re is a vernal hich may inc	pool that	is seasonall an-caused di	y ponded a isturbance.	and may la		due to strong oil indicators o	indicators of due to limited a	hydrophytic vegetation a saturation depth, saline
Type:	ches):	re is a vernal hich may inc	pool that	is seasonall an-caused di	y ponded a isturbance.	and may la		due to strong oil indicators o	indicators of due to limited s condary India Water Marks	hydrophytic vegetation a saturation depth, saline cators (2 or more requi
Type:	ches):	re is a vernal hich may inc	pool that ude hum red; chec	is seasonall an-caused di	y ponded a isturbance.	and may la		due to strong oil indicators o	indicators of due to limited s condary India Water Marks Sediment De	hydrophytic vegetation a saturation depth, saline cators (2 or more requi
Type:	ches):	re is a vernal hich may inc	pool that ude hum red; chec	k all that app Salt Crus X Biotic Cr	y ponded a isturbance.	and may la		due to strong oil indicators o	indicators of due to limited s condary India Water Marks Sediment De	cators (2 or more require (B1) (Riverine) s (B3) (Riverine)
Type: Depth (in- emarks: I etland hyd onditions, TDROLO Vetland H Primary Ind Surfac High V Satura	ches):	re is a vernal hich may incl ors: of one requi	pool that ude hum red; chec	k all that app Salt Crus X Biotic Cr Aquatic I	y ponded a isturbance. hly) st (B11) ust (B12)	es (B13)		due to strong oil indicators o	indicators of due to limited secondary Indicators Condary Indicators Water Marks Sediment December	cators (2 or more require (B1) (Riverine) s (B3) (Riverine)
Type:	Ches):	re is a vernal hich may incl prs: of one requi	pool that ude hum red; chec	k all that app Salt Crus X Biotic Cr Aquatic I Hydroge	y ponded a isturbance. bly) st (B11) rust (B12) Invertebrate	es (B13)	ck hydric s	s due to strong oil indicators o	indicators of due to limited secondary Indicators Condary Indicators Water Marks Sediment December	cators (2 or more requires (B1) (Riverine) sposits (B2) (Riverine) sposits (B10) (Riverine) tterns (B10) Water Table (C2)
Type:	Ches):	re is a vernal hich may incl prs: of one requi	pool that ude hum red; chec	k all that app Salt Crus X Biotic Cr Aquatic I Hydroge Oxidized	y ponded a isturbance. bly) st (B11) rust (B12) Invertebraten Sulfide C	es (B13) Odor (C1) eres along	ck hydric s	s due to strong oil indicators o	condary Indicators of due to limited secondary Indicators Water Marks Sediment Descript Deposited Drainage Parage Dry-Season	cators (2 or more required) (B1) (Riverine) (B3) (Riverine) (B3) (Riverine) (B4) (B10) (B4) (B4) (B4) (B4) (B4) (B4) (B4) (B4
Depth (in- emarks: I etland hyd onditions, DROLO Vetland H Primary Ind Surfac High V Satura Water Sedim Drift D	Ches):	re is a vernal hich may incl prs: of one requi verine) (Nonriverine) iverine)	pool that ude hum red; chec	k all that app Salt Crus X Biotic Cr Aquatic I Hydroge Oxidized Presence	y ponded a isturbance. bly) st (B11) ust (B12) Invertebrate on Sulfide C	es (B13) Odor (C1) eres along ced Iron (C4	ck hydric s Living Roc 4)	Se Se State Control of the Control o	condary Indicators of due to limited some condary Indicators and the condary Indicators and Indicators an	cators (2 or more required) (B1) (Riverine) (B3) (Riverine) (B3) (Riverine) (B4) (B10) (B4) (B4) (B4) (B4) (B4) (B4) (B4) (B4
Depth (incemarks: I etland hydronditions, I DROLO Vetland Horimary Incemarks: I surface Water Sedim Drift Down Surface X Surface	Ches):	re is a vernal hich may incl ors: of one requi verine) (Nonriverine)	pool that ude hum	k all that app Salt Crus X Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I	y ponded a isturbance. bly) st (B11) rust (B12) Invertebrate rn Sulfide C I Rhizosphe e of Reduce	es (B13) Odor (C1) eres along ced Iron (C4 tion in Tille	ck hydric s Living Roc 4)	Se Se State Control of the Control o	condary Indicators of due to limited some condary Indicators and the condary Indicators and Indicators an	cators (2 or more require (B1) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery (
Type: Depth (in- emarks: I etland hydonditions, 'DROLO Vetland H Primary Ind Surfac High V Satura Water Sedim Drift D X Surfac Inunda	ches):	verine) (Nonriverine) ital Imagery (pool that ude hum	k all that app Salt Crus X Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I Thin Mud	y ponded a isturbance. Ily) st (B11) rust (B12) Invertebrate rn Sulfide C I Rhizosphe e of Reduct ron Reduct	es (B13) Ddor (C1) eres along sed Iron (C4 tion in Tille (C7)	ck hydric s Living Roc 4)	Se Se State Control of the Control o	condary India Water Marks Sediment De Drift Deposit Drainage Pa Dry-Season Thin Muck S Crayfish Bur Saturation V	cators (2 or more requires (B1) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery (sitard (D3)
Type: Depth (in- emarks: I retland hydonditions, DROLO Wetland H Primary Ind Surfac High V Satura Water Sedim Drift D X Surfac Inunda Water	Ches):	verine) (Nonriverine) ital Imagery (pool that ude hum	k all that app Salt Crus X Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I Thin Mud	y ponded a isturbance. Aly) st (B11) rust (B12) Invertebrate rn Sulfide C I Rhizosphe e of Reduct ron Reduct ck Surface	es (B13) Ddor (C1) eres along sed Iron (C4 tion in Tille (C7)	ck hydric s Living Roc 4)	Se Se State Control of the Control o	condary India Water Marks Sediment De Drift Deposit Drainage Pa Dry-Season Thin Muck S Crayfish Bur Saturation V Shallow Aqu	cators (2 or more requires (B1) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery (sitard (D3)
Depth (incemarks: I etland hydronditions, I DROLO Wetland Herrimary Incemarks: I surface High Water Sedim Drift Dr	Ches):	verine) (Nonriverine) ital Imagery (red; chec	k all that app Salt Crus X Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I Thin Muc Other (E	y ponded a isturbance. Ily) st (B11) rust (B12) Invertebrate rn Sulfide C I Rhizosphe e of Reduct ron Reduct ck Surface explain in R	es (B13) Ddor (C1) eres along sed Iron (C4 tion in Tille (C7)	ck hydric s Living Roc 4)	Se Se State Control of the Control o	condary India Water Marks Sediment De Drift Deposit Drainage Pa Dry-Season Thin Muck S Crayfish Bur Saturation V Shallow Aqu	cators (2 or more requires (B1) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery (sitard (D3)
Type: Depth (in- emarks: I etland hyde onditions, DROLO Vetland H Primary Ind Surface High V Satura Water Sedim Drift D X Surface Inunda Water- ield Obse vater Table	Ches): No redox features of choology. This feature or other factors, with the control of the choology. This feature or other factors, with the choology indicated dicators (minimum e Water (A1)). Water Table (A2) thion (A3). Marks (B1) (Nonrient Deposits (B2) (eposits (B3) (Nonrient Deposits (verine) (Nonriverine) (ital Imagery (red; chec red; chec B7) No X	k all that app Salt Crus X Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I Thin Muc Other (E	y ponded a isturbance. Ily) st (B11) rust (B12) Invertebrate rn Sulfide C I Rhizosphe e of Reduct ron Reduct ck Surface explain in Reduct ck Surface explain in Reduct ches):	es (B13) Ddor (C1) eres along sed Iron (C4 tion in Tille (C7)	Living Root 4) d Soils (C6	Se Se State (C3)	condary Indicators of due to limited side side side side side side side si	cators (2 or more requires (B1) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery (sitard (D3)
Type: Depth (in- emarks: I etland hydronditions, formations, formations, formations) TOROLO Vetland Horimary Index Surface High V Satura Water Sedim Drift Do X Surface Inundation Water- ield Observater Table aturation I	Ches): No redox features of choogy. This feature or other factors, with the control of the choose o	verine) (Nonriverine) ial Imagery (99)	red; chec red; chec B7) No X	k all that app Salt Crus X Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I Thin Muc Other (E	y ponded a isturbance. Ily) st (B11) rust (B12) Invertebrate rn Sulfide C I Rhizosphe e of Reduct ron Reduct ck Surface explain in Reduct ck Surface explain in Reduct ches):	es (B13) Ddor (C1) eres along sed Iron (C4 tion in Tille (C7)	Living Root 4) d Soils (C6	Se Se State Control of the Control o	condary Indicators of due to limited side side side side side side side si	cators (2 or more requires (B1) (Riverine) s (B3) (Riverine) tterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery (sitard (D3)
Type: Depth (in- emarks: I etland hydonditions, "DROLO Wetland Horimary Inc Surface High Water Sedim Drift Down Surface Water- ield Observators (ater Table aturation Includes care	Ches):	re is a vernal hich may incl pres: of one requir (Nonriverine) itial Imagery (9) Yes Yes Yes Yes Yes	red; checi	k all that app Salt Crus X Biotic Cr Aquatic I Hydroge Oxidized Presenc Recent I Thin Muc Other (E	y ponded a isturbance. Ally) st (B11) rust (B12) Invertebrate in Sulfide C I Rhizosphe e of Reduct coron Reduct cok Surface (ixplain in Reduct) ches): ches): ches):	es (B13) Ddor (C1) eres along ced Iron (C4 tion in Tille (C7) emarks)	Living Rock 4) d Soils (C6	Se Se State	condary Indicators of due to limited side side side side side side side si	cators (2 or more requi- tion (B1) (Riverine) sposits (B2) (Riverine) sterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery (sitard (D3) Test (D5)
Type: Depth (in- Remarks: I vetland hydonditions, on ditions, on dittoring, on ditions, on dittoring, on ditions, on ditions, on ditions, on ditions, on dittoring, on ditions, on dittoring, on dittoring, on ditions, on dittoring, on ditsubstitutes, on dittoring, on dittoring, on dittoring, on dittor	Ches): No redox features of choogy. This feature or other factors, with the control of the choose o	re is a vernal hich may incl pres: of one requir (Nonriverine) itial Imagery (9) Yes Yes Yes Yes Yes	red; checi	k all that app Salt Crus X Biotic Cr Aquatic I Hydroge Oxidized Presenc Recent I Thin Muc Other (E	y ponded a isturbance. Ally) st (B11) rust (B12) Invertebrate in Sulfide C I Rhizosphe e of Reduct coron Reduct cok Surface (ixplain in Reduct) ches): ches): ches):	es (B13) Ddor (C1) eres along ced Iron (C4 tion in Tille (C7) emarks)	Living Rock 4) d Soils (C6	Se Se State	condary Indicators of due to limited side side side side side side side si	cators (2 or more requi- tion (B1) (Riverine) sposits (B2) (Riverine) sterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery (sitard (D3) Test (D5)
Type: Depth (in- emarks: I etland hydronditions, formations,	Ches):	re is a vernal hich may incl pres: of one requir (Nonriverine) itial Imagery (9) Yes Yes Yes Yes Yes	red; checi	k all that app Salt Crus X Biotic Cr Aquatic I Hydroge Oxidized Presenc Recent I Thin Muc Other (E	y ponded a isturbance. Ally) st (B11) rust (B12) Invertebrate in Sulfide C I Rhizosphe e of Reduct coron Reduct cok Surface (ixplain in Reduct) ches): ches): ches):	es (B13) Ddor (C1) eres along ced Iron (C4 tion in Tille (C7) emarks)	Living Rock 4) d Soils (C6	Se Se State	condary Indicators of due to limited side side side side side side side si	cators (2 or more requi- tion (B1) (Riverine) sposits (B2) (Riverine) sterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery (sitard (D3) Test (D5)
Type: Depth (incemarks: I etland hydronditions, on the conditions, f the conditions of the	Ches):	verine) (Nonriverine) ital Imagery (99) Yes Yes Yes Yes Yes Yes The managery (199)	pool that ude hum red; chec	k all that app Salt Crus X Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I Thin Muc Other (E	y ponded a isturbance. Ily) st (B11) ust (B12) Invertebrate in Sulfide C I Rhizosphe e of Reduct ron Reduct ck Surface explain in R ches): ches): ches): hotos, prev	es (B13) Odor (C1) eres along ced Iron (C4 tion in Tille (C7) emarks)	Living Roc 4) d Soils (Co	Se Se State	condary Indicators of due to limited and the decided and the limited and the l	cators (2 or more requi- tion (B1) (Riverine) sposits (B2) (Riverine) sterns (B10) Water Table (C2) urface (C7) rows (C8) sible on Aerial Imagery (sitard (D3) Test (D5)

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	o Sampling Date: 4/12/2021
Applicant/Owner: Tri Point Homes				State: CA Sampling Point: 385
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.556069459	94	Long: -117.01872227 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification: none
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology _				Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	_No	le ti	he Sampled .	Area
Hydric Soil Present? Yes X	_No		hin a Wetlan	YAS X NO
Wetland Hydrology Present? Yes X	_No	_		
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and
Planta Coo colonialio Italiaco di pianta	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1. <u>none</u> 2				That Are OBL, FACW, or FAC: 1 (A) Total Number of Dominant
3				Species Across All Strata:1 (B)
4			er	Percent of Dominant Species That Are OBL, FACW, or FAC:(A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by: OBL species x 1 =
3.				OBL species x 1 = FACW species x 2 =
4. 5.				FAC species x 3 =
j		= Total Cove		FACU species x 4 =
Herb Stratum (Plot size:)		- 10tai 00V	JI	UPL species x 5 =
1. Plagiobothrys acanthocarpus	1	No	OBL	Column Totals: (A) (B)
2. Spergularia bocconi	1	No	FACW	Dravalance Index - D/A -
3. Hordeum depressum	2	Yes	FACW	Prevalence Index = B/A =
4. Festuca perennis	1	No	FAC	Hydrophytic Vegetation Indicators:
5. Psilocarphus brevissimus	1	No	FACW	X Dominance Test is >50%
6				Prevalence Index is ≤3.0¹
7. 8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
	6	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				resternance represent regeration (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2				<u> </u>
% Bare Ground in Herb Stratum 94 % Co	ver of Biotic	= Total Cove	ट I	Hydrophytic Vegetation Present? Yes X No
Remarks: Sample area is a vernal pool that receives ru				
predominately of hydrophytic vegetation, it does suppor acanthocarpus).	t two vernal	pool plant ind	dicator specie	es (Psilocarphus brevissimus and Plagiobothrys

Depth	Matrix					. ^	· –		
(inches)	Color (moist)	%	Color (mois		Type ¹	Loc ²	Texture		Remarks
)-4	10YR 4/2	95	7.5YR 4/6	5		RC	sandy clay	redox	
l-18	10YR 4/3	100					sandy clay		
					·				
									
					· ——				
	ncentration, D=Depletion					s. ² l		ore Lining, RC=Root	
lydric Soil	Indicators: (Application	able to all			•			s for Problematic	-
Histoso	` '			ndy Redox (S5	,			Muck (A9) (LRR C	,
	pipedon (A2)			ipped Matrix (S				Muck (A10) (LRR	В)
_	istic (A3) en Sulfide (A4)			amy Mucky Min amy Gleyed Ma	` ,			ced Vertic (F18) Parent Material (TF	=2)
<u> </u>	d Layers (A5) (LRR (2)		pleted Matrix (F	. ,			r (Explain in Rema	,
	uck (A9) (LRR D)	- /		dox Dark Surfa	,			(=,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	d Below Dark Surfac	e (A11)		pleted Dark Su	` '				
Thick D	ark Surface (A12)	, ,		dox Depression			3Indicator	s of hydrophytic ve	egetation and
Sandy I	Mucky Mineral (S1)		Ve	rnal Pools (F9)			wetla	nd hydrology must	be present,
Sandy (Gleyed Matrix (S4)						unles	s disturbed or prob	lematic.
	Layer (if present):								
estrictive	Layer (ii present).								
Restrictive Type:	Layer (ii present).								
Type:		ved in top s	oil layer				Hydric Soil F	Present? Yes	XNo
Type: Depth (inc Remarks: d	hes):epleted matrix observ	red in top s	oil layer				Hydric Soil F	Present? Yes	XNo
Type: Depth (included) Remarks: d	hes):epleted matrix observ	,	oil layer						X No
Type: Depth (included) Remarks: d /DROLOG Wetland Hy	hes):epleted matrix observ			t apply)					ors (2 or more require
Type: Depth (included) Remarks: d Control Contro	hes):epleted matrix observed.		d; check all that	t apply) Crust (B11)				econdary Indicato Water Marks (B1	ors (2 or more require
Type: Depth (income semarks: demarks: demar	hes):epleted matrix observed. GY ydrology Indicators: icators (minimum of comments)		d; check all that					econdary Indicato Water Marks (B1	ors (2 or more require 1) (Riverine) sits (B2) (Riverine)
Type: Depth (incline incline incl	epleted matrix observations of control of co		d; check all that Salt Biot	Crust (B11)	es (B13)			econdary Indicato Water Marks (B1 Sediment Depos	ors (2 or more require 1) (Riverine) sits (B2) (Riverine) 3) (Riverine)
Type: Depth (included) Cemarks: d COROLOG Wetland Hyprimary Ind Surface High W Saturat	epleted matrix observations: gy ydrology Indicators: icators (minimum of company) Water (A1) ater Table (A2)	one require	d; check all that Salt Biot Aqu	Crust (B11) ic Crust (B12)	` '			econdary Indicato _ Water Marks (B1 _ Sediment Depos _ Drift Deposits (B	ors (2 or more required) (Riverine) sits (B2) (Riverine) (3) (Riverine) as (B10)
Type: Depth (incomplete incomplete inc	epleted matrix observations (Minimum of observations) water (A1) ater Table (A2) ion (A3)	one require	d; check all thatSaltBiotAquHyd	Crust (B11) ic Crust (B12) atic Invertebrat	Odor (C1)	Living Roc	<u>S</u>	econdary Indicato Water Marks (B1 Sediment Depos Drift Deposits (B Drainage Patterr	ors (2 or more required) (Riverine) sits (B2) (Riverine) as (B10) ter Table (C2)
Type: Depth (income for the content of the co	epleted matrix observations (minimum of control (Mater (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver	one require ine) nriverine)	d; check all thatSaltAquHydOxic	Crust (B11) ic Crust (B12) atic Invertebrat rogen Sulfide C	Odor (C1) eres along	_	<u>S</u>	econdary Indicate Water Marks (B1 Sediment Depos Drift Deposits (B Drainage Patterr Dry-Season Wat	ors (2 or more required) (Riverine) sits (B2) (Riverine) 3) (Riverine) ns (B10) ter Table (C2) ce (C7)
Type:	epleted matrix observations of control of the contr	one require ine) nriverine)	d; check all thatSaltBiotAquHydOxicPres	Crust (B11) ic Crust (B12) atic Invertebrat rogen Sulfide C dized Rhizosph	Odor (C1) eres along ced Iron (C4	!)		econdary Indicate Water Marks (B1 Sediment Depose Drift Deposits (B1 Drainage Patterr Dry-Season Water Thin Muck Surfa	ors (2 or more required) (Riverine) sits (B2) (Riverine) 3) (Riverine) ns (B10) ter Table (C2) ce (C7)
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Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	Sampling Date: 4/	12/2021
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point: 38	36
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	Range: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55594439	39	Long: -117.018737272	Datum: N	NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification	on: none	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstance		X No
Are Vegetation Soil or Hydrology				(If needed, explain any ans	wers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	t features, etc.	
Hydrophytic Vegetation Present? Yes X	_No		ha Camuulad	A		
Hydric Soil Present? Yes X	_No		he Sampled hin a Wetlan	YAC)	X No	_
Wetland Hydrology Present? Yes X	No	_	a vrotian			
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sample	ed during the growin	g season and
VEGETATION – Ose scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Sp		
1. <u>none</u>				That Are OBL, FACW, o		(A)
2				Total Number of Domina Species Across All Strat		(B)
				Percent of Dominant Sp		
4		= Total Cov	er	That Are OBL, FACW, o	or FAC: 100	0 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index work	(sheet:	
2.				Total % Cover of:	Multiply b	by:
3.				OBL species	x 1 =	
4				FACW species	x 2 =	
5				FAC species		
		= Total Cov	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Psilocarphus brevissimus	2	Yes	FACW	Column Totals:	(A)	(B)
2. Hordeum depressum	5	Yes	FACW	Prevalence Index	x = B/A =	
3. Festuca perennis	1	No No	FAC_	The described by Manadadia		
Plagiobothrys acanthocarpus Triglochin scilloides		No No	OBL	Hydrophytic Vegetatio		
			OBL	X Dominance Test in		
				Prevalence Index		a un porting
8.					aptations¹ (Provide s ks or on a separate s	
0	10	= Total Co	ver		ophytic Vegetation¹ (,
Woody Vine Stratum (Plot size:		rotal oo		I Toblematic Hydro	spriyac vegetation ((LAPIAIII)
1 none				¹ Indicators of hydric soi	il and wetland hydro	loav must
2. <i>Hone</i>				be present, unless distr		
		= Total Cov	er	Hydrophytic Vegetation	-	
	ver of Biotic			Present? Ye		
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does support acanthocarpus, and Triglochin scilloides).						isting

(inchoc)	Matrix			dox Featu			_	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-3 10	0YR 4/2	98 1	10YR 4/6	2	C	RC	sandy clay	
-18 10	0YR 4/3						sandy clay	
			_					
								
							_	
							_	
			_				_	
Type: C=Cenee	ntration D-Danlation		ed Matrix, CS=Covered	d or Coatod	Sand Crain	2	2	ore Lining, RC=Root Channel, M=Matrix.
	•					S.		s for Problematic Hydric Soils ³ :
-		ible to all Li	RRs, unless other		•			•
Histosol (A	,			Redox (S5)				Muck (A9) (LRR C)
Histic Epipe Black Histic				l Matrix (S Mucky Min	-			Muck (A10) (LRR B) ced Vertic (F18)
	Sulfide (A4)			Gleyed Ma	. ,			Parent Material (TF2)
	ayers (A5) (LRR C	:)	X Depleted					r (Explain in Remarks)
_	(A9) (LRR D)	,		Dark Surfa	•			(
_	Below Dark Surface	e (A11)		d Dark Su	` '			
	Surface (A12)	,		Depression			3Indicators	s of hydrophytic vegetation and
 Sandy Mud	cky Mineral (S1)		Vernal P	Pools (F9)	, ,			nd hydrology must be present,
Sandy Gle	yed Matrix (S4)						unless	s disturbed or problematic.
estrictive Lav	yer (if present):							
Type:								
Depth (inches							Hydric Soil F	Present? Yes X No
	eted matrix observ						,	
(DROLOGY								
	ology Indicators:						Se	econdary Indicators (2 or more require
Wetland Hydro	rology Indicators:		check all that apply	v)			<u>Se</u>	
Wetland Hydro Primary Indicat	tors (minimum of o		check all that apply	• /			<u>Se</u>	Water Marks (B1) (Riverine)
Wetland Hydro Primary Indicat Surface Wi	tors (minimum of o		Salt Crus	t (B11)			<u>Se</u>	_ Water Marks (B1) (Riverine) _ Sediment Deposits (B2) (Riverine)
Netland Hydro Primary Indicat Surface Wo High Wate	tors (minimum of o /ater (A1) er Table (A2)		Salt Crus Biotic Cru	t (B11) ust (B12)	ae (R13)		<u>Se</u>	_ Water Marks (B1) (Riverine) _ Sediment Deposits (B2) (Riverine) _ Drift Deposits (B3) (Riverine)
Wetland Hydro Primary Indicat Surface Wi High Wate Saturation	tors (minimum of o later (A1) er Table (A2) (A3)	ne required;	Salt Crus Biotic Cru X Aquatic Ir	t (B11) ust (B12) nvertebrat	, ,		<u>Se</u>	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Wetland Hydro Primary Indicat Surface Wate High Wate Saturation Water Mar	tors (minimum of o later (A1) r Table (A2) (A3) rks (B1) (Nonriveri	ne required;	Salt Crus Biotic Cru X Aquatic Ir Hydroger	t (B11) ust (B12) nvertebrat n Sulfide C	dor (C1)	Living Po	= = = =	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
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Wetland Hydro Primary Indicat Surface Wood High Wate Saturation Water Mari Sediment I Drift Depos	tors (minimum of o fater (A1) or Table (A2) (A3) ks (B1) (Nonriveri Deposits (B2) (Noriveri sits (B3) (Nonriveri	ne required; ine) nriverine)	Salt Crus Biotic Cru X Aquatic Ir Hydroger Oxidized Presence	t (B11) ust (B12) nvertebrate Sulfide C Rhizosphe	odor (C1) eres along ed Iron (C4	4)	oots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
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Wetland Hydro Primary Indicat Surface Wood High Wate Saturation Water Mari Sediment I Drift Depose X Surface So Inundation Water-Stai	tors (minimum of o later (A1) or Table (A2) (A3) rks (B1) (Nonriveri Deposits (B2) (Noriveri bil Cracks (B6) or Visible on Aerial II ined Leaves (B9)	ine) nriverine) rine) magery (B7)	Salt Crus Biotic Cru X Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct on Reduct k Surface xplain in R	odor (C1) eres along ed Iron (C4 tion in Tille (C7)	4)	oots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Canada and Canada and Can
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Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	Sampling Date: 4/12/2021	
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 387	
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	ange: Section 31, T18S R	:01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slope (%): 0-2	
Subregion (LRR): C - Mediterranean California	Lat: 3	32.55592554	24	Long: -117.018771367	Datum: NAD83	
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classification	n: none	
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in I	Remarks.)	
Are Vegetation X, Soil , or Hydrology					s" present? Yes X No	
Are Vegetation Soil X, or Hydrology				(If needed, explain any ans		
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	features, etc.	
Hydrophytic Vegetation Present? Yes X	No		h a Camanda d	A		
Hydric Soil Present? Yes X	No		he Sampled . hin a Wetland	Y 20 X	. No x	
Wetland Hydrology Present? Yes X	No		iiii a vvetiaii	u:		
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sample	d during the growing season	n and
VEGETATION – Use scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test works	heet:	
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Spe		
1. none				That Are OBL, FACW, or		A)
2				Total Number of Dominal Species Across All Strata		В)
				Percent of Dominant Spe	ecies	
4.		= Total Cov	er	That Are OBL, FACW, or	r FAC: 100 (A	A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index works	sheet:	
2.				Total % Cover of:	Multiply by:	
3.				OBL species	x 1 =	
4.				FACW species	x 2 =	
5				FAC species		
		= Total Cov	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
Lythrum hyssopifolia	1	Yes	OBL	Column Totals:	(A)(B	·)
2. Psilocarphus brevissimus	1	Yes	FACW_	Prevalence Index	c = B/A =	
3. Hordeum depressum	1	Yes	FACW			
4. Plagiobothrys acanthocarpus		Yes	OBL	Hydrophytic Vegetation		
5. Festuca perennis	1	Yes	FAC	X Dominance Test is		
6.				Prevalence Index i		
7. 8.					aptations¹ (Provide supportin s or on a separate sheet)	ng
o		= Total Co			,	,
Woody Vine Stratum (Plot size:)		- 10tal C0	vei	Problematic Hydro	ophytic Vegetation¹ (Explain))
1 none				1Indicators of hydric soil	l and wetland hydrology mus	et
2				be present, unless distu		51
Z		= Total Cov		Lludronbutio	<u> </u>	
% Bare Ground in Herb Stratum 95 % Co	ver of Biotic		OI.	Hydrophytic Vegetation Present? Yes	es X No	
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro		he vernal pool consisting	
predominately of hydrophytic vegetation, it does suppor acanthocarpus).						

	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-1	10YR 4/2	95	7.5YR 4/4	5	С	RC	clay	redox
1-4	10YR 5/3	99	7.5YR 3/4	1	С	М	sandy clay	redox
-18	10YR 5/3	100					sandy clay	no redox
					·			
	-	-					-	
							-	
Type: C=Co	ncentration, D=Depletion	n, RM=Redu	uced Matrix, CS=Covere	d or Coated	Sand Grain	s. ²	Location: PL=Por	e Lining, RC=Root Channel, M=Matrix.
			LRRs, unless other					for Problematic Hydric Soils ³ :
Histoso	ol (A1)		Sandy I	Redox (S5))		1 cm M	uck (A9) (LRR C)
Histic E	Epipedon (A2)		Stripped	d Matrix (Se	6)		2 cm M	uck (A10) (LRR B)
_	listic (A3)		′	Mucky Min	` ,			ed Vertic (F18)
_ ′	en Sulfide (A4)			Gleyed Ma				arent Material (TF2)
_	ed Layers (A5) (LRR	C)		d Matrix (F	,		X Other (Explain in Remarks)
_	luck (A9) (LRR D)	(4.44)		Dark Surfac	` '			
	ed Below Dark Surfac	ce (A11)		d Dark Sur	` '		31	- Electrical de discourse de discourse d
	Dark Surface (A12)			Depression	is (F8)			of hydrophytic vegetation and
_	Mucky Mineral (S1) Gleyed Matrix (S4)		veman	Pools (F9)				hydrology must be present, disturbed or problematic.
	Layer (if present):							
	Layer (ii present).							
Type:								
Depth (incernance) Depth (incernance) Depth (incernance)	edox observed, but r	egetation a		y. This feat	ture is a ve	ernal pool	that is seasona	s are assumed here as problematic du lly ponded and may lack hydric soil
Depth (inc emarks: r rong indic dicators d	edox observed, but r ators of hydrophytic v ue to limited saturatio	egetation a	and wetland hydrolog	y. This feat	ture is a ve	ernal pool	ever, hydric soils that is seasona	s are assumed here as problematic du lly ponded and may lack hydric soil
Depth (independent of the control of	edox observed, but rators of hydrophytic vue to limited saturation	egetation and depth, sa	and wetland hydrolog	y. This feat	ture is a ve	ernal pool	ever, hydric soils that is seasona human-caused	s are assumed here as problematic du lly ponded and may lack hydric soil disturbance.
Depth (independent of the control of	edox observed, but rators of hydrophytic vue to limited saturation	egetation a on depth, sa	and wetland hydrolog aline conditions, or ot	y. This feather factors	ture is a ve	ernal pool	ever, hydric soils that is seasona human-caused	s are assumed here as problematic du lly ponded and may lack hydric soil disturbance. ondary Indicators (2 or more requir
Depth (incomments: rong indicators dependents) DROLOGUETA DEPTH STREET COMMENTS AND COMMENTS AN	edox observed, but rators of hydrophytic vue to limited saturation GY ydrology Indicators dicators (minimum of	egetation a on depth, sa	and wetland hydrolog aline conditions, or ot ed; check all that app	y. This fea her factors	ture is a ve	ernal pool	ever, hydric soils that is seasona human-caused	s are assumed here as problematic du lly ponded and may lack hydric soil disturbance.
Depth (incomments: rrong indicators defined by the comments) DROLOGIES OF THE COMMENT OF THE CO	edox observed, but rators of hydrophytic vue to limited saturation	egetation a on depth, sa	and wetland hydrolog aline conditions, or ot ed; check all that app Salt Crus	y. This fea her factors	ture is a ve	ernal pool	ever, hydric soils that is seasona human-caused	s are assumed here as problematic dully ponded and may lack hydric soil disturbance. ondary Indicators (2 or more requirements) Water Marks (B1) (Riverine)
Depth (income permarks: rrong indice dicators dependenced by the composition of the compo	edox observed, but rators of hydrophytic value to limited saturation GY ydrology Indicators dicators (minimum of the Water (A1)	egetation a on depth, sa	and wetland hydrolog aline conditions, or ot ed; check all that app Salt Crus	ly. This feather factors. ly) st (B11) ust (B12)	ture is a ve , which ma	ernal pool	ever, hydric soils that is seasona human-caused	ondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Depth (incomercial property) DROLOG DROLOG Vetland Herimary Incomercial property High Washington	edox observed, but rators of hydrophytic value to limited saturation GY ydrology Indicators dicators (minimum of the Water (A1) /ater Table (A2)	vegetation a on depth, sa one require	ed; check all that app Salt Crus Mydrolog Ed; check all that app Salt Crus Aquatic I	ly. This feather factors. ly) st (B11) ust (B12)	ture is a ve , which ma	ernal pool	ever, hydric soils that is seasona human-caused	s are assumed here as problematic dully ponded and may lack hydric soil disturbance. ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
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Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	0	Sampling Date: 4/12/2021
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 388
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	ange: Section 31, T18S F	₹01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave	Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55591242	87	Long: -117.018719073	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl	opes			NWI classification	on: none
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology					es" present? Yes X No
Are Vegetation , Soil X, or Hydrology				(If needed, explain any ans	swers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	t features, etc.
Hydrophytic Vegetation Present? Yes X	No	_ le ti	ne Sampled .	Aroa	
Hydric Soil Present? Yes X	No		nin a Wetlan	YAC)	X No
Wetland Hydrology Present? Yes X	No	_			
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sample	ed during the growing season an
	Absolute	Dominant	Indicator	Dominance Test works	sheet:
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Sp That Are OBL, FACW, o	
2.				Total Number of Domina Species Across All Strat	ant
3				Percent of Dominant Sp	(D)
4				That Are OBL, FACW, o	
Sapling/Shrub Stratum (Plot size:)		= Total Cove	31		
1 none				Prevalence Index work	
				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4.				FACW species	
5.				FAC species	
		= Total Cove	er	FACU species	x 4 =
Herb Stratum (Plot size:)				UPL species	x 5 =
Plagiobothrys acanthocarpus	1	No	OBL	Column Totals:	(B)
2. Plantago elongata	1	No	FACW	Prevalence Index	x = B/A =
3. Festuca perennis	15	Yes	FAC		
4. Spergularia bocconi	3	No	FACW	Hydrophytic Vegetatio	
5. Mesembryanthemum nodiflorum	1	No No	FACU	X Dominance Test i	
6. Hordeum murinum		No	FACU	Prevalence Index	
7. Lepidium latipes 8.	1	No	FACW		aptations¹ (Provide supporting ks or on a separate sheet)
	24	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)					
1. <u>none</u> 2.				¹ Indicators of hydric soi be present, unless dist	il and wetland hydrology must urbed or problematic.
		= Total Cove	er	Hydrophytic	
% Bare Ground in Herb Stratum 76 % Cov	ver of Biotic	Crust		Vegetation Present?	esXNo
Remarks: Sample area is a vernal pool that receives ru					
predominately of hydrophytic vegetation, it does support	two vernal	pool plant ind	dicator specie	es (Plagiobothrys acanthoc	arpus and Plantago elongata).

(inches) 0-2 2-18	Color (moist)		\-l-= /!-4\	12	F	D
			Color (moist) % Type ¹		Texture	Remarks
2-18	10YR 4/2			sand	dy clay	no redox
	10YR 4/3	100		sand	dy clay	no redox
						. <u></u>
						-
			latrix, CS=Covered or Coated Sand Grains			Lining, RC=Root Channel, M=Matrix.
•		able to all LRR	s, unless otherwise noted.)	Inc		or Problematic Hydric Soils ³ :
Histosol	` '		Sandy Redox (S5) Stripped Matrix (S6)		_	ck (A9) (LRR C)
Black His	oipedon (A2)		Loamy Mucky Mineral (F1)		_	ck (A10) (LRR B) Vertic (F18)
	en Sulfide (A4)		Loamy Gleyed Matrix (F2)		_	ent Material (TF2)
<u> </u>	d Layers (A5) (LRR (C)	Depleted Matrix (F3)	X	_	xplain in Remarks)
1 cm Mu	ıck (A9) (LRR D)	•	Redox Dark Surface (F6)		_ `	
	d Below Dark Surface	e (A11)	Depleted Dark Surface (F7)			
	ark Surface (A12)		Redox Depressions (F8)	³ ln		hydrophytic vegetation and
′	Mucky Mineral (S1)		Vernal Pools (F9)			ydrology must be present,
	Gleyed Matrix (S4)				uniess ais	sturbed or problematic.
_	_ayer (if present):					
Type:						
Depth (inch	nes):			Hydri	c Soil Pres	ent? Yes X No
YDROLOG	Υ					
	iY drology Indicators:	:			Seco	ndary Indicators (2 or more require
Wetland Hy			eck all that apply)			ndary Indicators (2 or more require /ater Marks (B1) (Riverine)
Wetland Hy Primary Indic	drology Indicators:		eck all that apply) Salt Crust (B11)		W	
Wetland Hy Primary Indic Surface	drology Indicators: cators (minimum of c					/ater Marks (B1) (Riverine)
Wetland Hy Primary Indic Surface	drology Indicators: cators (minimum of c Water (A1) ater Table (A2)		Salt Crust (B11)		W s D	/ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine)
Wetland Hy Primary Indio Surface High Wa Saturatio	drology Indicators: cators (minimum of c Water (A1) ater Table (A2)	one required; ch	Salt Crust (B11) Biotic Crust (B12)			/ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine)
Wetland Hy Primary India Surface High Wa Saturatia Water M	drology Indicators: cators (minimum of c Water (A1) ater Table (A2) on (A3)	one required; ch	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13)	Living Roots (Ca		/ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimer	drology Indicators: cators (minimum of c Water (A1) ater Table (A2) on (A3) farks (B1) (Nonriver	one required; ch ine) nriverine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1)			Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2)
Wetland Hy Primary Indio Surface High Wa Saturatic Water M Sedimer Drift Dep X Surface	drology Indicators: cators (minimum of c Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (Non posits (B3) (Nonriver Soil Cracks (B6)	one required; ch ine) nriverine) rine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled	1)		Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C
Wetland Hy Primary Indio Surface High Wa Saturatio Water M Sedimer Drift Dep X Surface Inundatio	drology Indicators: cators (minimum of c Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (No posits (B3) (Nonriver Soil Cracks (B6) on Visible on Aerial I	one required; ch ine) nriverine) rine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled Thin Muck Surface (C7)	1)		Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (Challow Aquitard (D3)
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Primary India Surface High Wa Saturatia Water M Sedimer Drift Dep X Surface Inundatia Water-S Field Observ Surface Water Table I Saturation Pr (includes cap	drology Indicators: cators (minimum of c Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver int Deposits (B2) (No posits (B3) (Nonriver Soil Cracks (B6) on Visible on Aerial I Stained Leaves (B9) vations: er Present? Present? Y resent? Y resent? Y villary fringe)	rine) rine) rine) rine) magery (B7) res No res No res No	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C2 Recent Iron Reduction in Tilled Thin Muck Surface (C7) Other (Explain in Remarks) X Depth (inches): X Depth (inches):	d Soils (C6) Wetland Hy	W S S S S S S S S S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (Challow Aquitard (D3) AC-Neutral Test (D5)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimer Drift Dep X Surface Inundatia Water-S Field Observ Surface Water Table I Saturation Pr (includes cap	drology Indicators: cators (minimum of c Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver int Deposits (B2) (No posits (B3) (Nonriver Soil Cracks (B6) on Visible on Aerial I Stained Leaves (B9) vations: er Present? Present? Y resent? Y resent? Y villary fringe)	rine) rine) rine) rine) magery (B7) res No res No res No	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled Thin Muck Surface (C7) Other (Explain in Remarks) X Depth (inches): X Depth (inches): X Depth (inches):	d Soils (C6) Wetland Hy	W S S S S S S S S S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (Challow Aquitard (D3) AC-Neutral Test (D5)
Primary India Surface High Wa Saturatio Water M Sedimer Drift Dep X Surface Inundatio Water-S Field Observ Surface Water Water Table I Saturation Pr (includes cap	drology Indicators: cators (minimum of composite (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver of the Deposits (B2) (Nonriver of the Deposits (B3) (Nonriver of the Deposits (B6) on Visible on Aerial Instance Leaves (B9) vations: er Present? Present? Present? Y Present? Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	ine) nriverine) magery (B7) es No es No es No	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled Thin Muck Surface (C7) Other (Explain in Remarks) X Depth (inches): X Depth (inches): X Depth (inches):	Wetland Hy	W Single Project Sing	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (Challow Aquitard (D3) AC-Neutral Test (D5)

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	0	Sampling Date: 4/12/202	1
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 389	
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	ange: Section 31, T18S R	01W	
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave	Slope (%): 0-2	2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.555592848	85	Long: -117.018865359	Datum: NAD83	
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classificatio	n: none	
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology _				Are "Normal Circumstances		0
Are Vegetation, Soil, or Hydrology				(If needed, explain any ans		
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	features, etc.	
Hydrophytic Vegetation Present? Yes X	_No	_	a Campled	A		
Hydric Soil Present? Yes X	_No		ne Sampled . nin a Wetland	VAC X	(No	
Wetland Hydrology Present? Yes X	_No	_				
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sample	d during the growing seas	on and
VEGETATION — 636 Scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test works	heet:	
Tree Stratum (Plot size:) 1. none	% Cover		Status	Number of Dominant Sp		(4)
2.				That Are OBL, FACW, o Total Number of Domina Species Across All Strata	unt	(A)
3				Percent of Dominant Spe		(B)
4				That Are OBL, FACW, o		(A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cove	er			
1. none				Prevalence Index work	sheet:	
2				Total % Cover of:	Multiply by:	
3.				OBL species	x 1 =	
4.				FACW species		
5.				FAC species	_	
		= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
Hordeum depressum	25	Yes	FACW	Column Totals:	(A)((B)
2. Festuca perennis	10	Yes	FAC	Prevalence Index	ς = Β/A =	
3. Psilocarphus brevissimus	1	No	FACW			
4. Spergularia bocconi	1	No	FACW	Hydrophytic Vegetation	n Indicators:	
5				X Dominance Test is	s >50%	
6				Prevalence Index		
7. 8.					aptations¹ (Provide support ⟨s or on a separate sheet)	ting
	37	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain	n)
Woody Vine Stratum (Plot size:					prijus regetausii (Enpiaii	,
1. none				¹ Indicators of hydric soi be present, unless distu	l and wetland hydrology mu	ust
2					,	
% Bare Ground in Herb Stratum 63 % Co	ver of Biotic	= Total Cove	er	Hydrophytic Vegetation Present? Ye	es X No	
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro	 -watershed, In addition to t	he vernal pool consisting	-
predominately of hydrophytic vegetation, it also supports						

Profile Desc	ription: (Describe to	the depth	needed to docum	ent the in	dicator or	confirm t	the absence	of indi	cators.)		
Depth	Matrix			edox Featu							
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	<u> </u>		Remark	<u>s</u>
0-4	10YR 4/2	95	7.5YR 4/4	5		М	sandy clay	<u>/ r</u>	edox		
4-18	10YR 4/3	100					sandy clay	/ r	o redox		
							-				
1 0 0			- IM 41: 00 0				· · · · · · · · · · · · · · · · · · ·				
	ncentration, D=Depletion		•			S	Location: PL=F				
1 -	Indicators: (Applic	able to all L								tic Hydric S	oolis":
Histosol	• •			Redox (S5) d Matrix (S					(A9) (LRI		
	oipedon (A2) istic (A3)			Mucky Min	-				(A10) (LF ertic (F18	-	
	en Sulfide (A4)			Gleyed Ma	. ,				Material	,	
	d Layers (A5) (LRR (C)	X Deplete	-					ain in Rei	` '	
	uck (A9) (LRR D)	- /		Dark Surfa	,			. (,	
	d Below Dark Surfac	e (A11)	— Deplete	d Dark Su	face (F7)						
Thick Da	ark Surface (A12)		Redox I	Depression	ıs (F8)		3Indicato	rs of hy	drophytic	vegetation	and
Sandy N	/lucky Mineral (S1)		Vernal I	Pools (F9)			wetla	nd hyd	rology mu	ıst be prese	nt,
Sandy C	Gleyed Matrix (S4)						unles	ss distu	bed or pr	oblematic.	
Restrictive I	Layer (if present):										
Type:	,										
Depth (incl	hes):						Hydric Soil	Presen	t? Y	es X	No
							,				
Remarks. de	epleted matrix observ	vea in top so	ıı layer (u-4)								
HYDROLOG	Υ										
Wetland Hy	drology Indicators	•					<u>s</u>	econd	ary Indic	ators (2 or	more required)
Primary Indi	cators (minimum of	one required	; check all that app	ly)				Wate	er Marks	(B1) (Riveri	ne)
Surface	Water (A1)		Salt Crus	st (B11)				Sedi	ment De	oosits (B2) (I	Riverine)
High Wa	ater Table (A2)		Biotic Cr	ust (B12)			_	— Drift	Deposits	(B3) (River	ine)
Saturati	on (A3)		Aquatic I	nvertebrat	es (B13)		_	— Drai	nage Pati	erns (B10)	•
	Marks (B1) (Nonriver	ine)		n Sulfide C			_			Vater Table	(C2)
I —	nt Deposits (B2) (No				eres along	Living Ro	ots (C3)			rface (C7)	
Drift De	posits (B3) (Nonrive	rine)			ed Iron (C4	-	` ' _		fish Burr		
l —	Soil Cracks (B6)	,			ion in Tille	-	6)				al Imagery (C9)
	ion Visible on Aerial	Imagery (B7		k Surface		,	_		low Aquit		0 , (,
Water-S	Stained Leaves (B9)		Other (E	xplain in R	emarks)		_	— FAC	-Neutral	Test (D5)	
Field Observ	4!			-	· · · · · · · · · · · · · · · · · · ·		_				
Field Obser Surface Wat		oc.	No. V. Donth (inc	shoe):							
Water Table			No <u>X</u> Depth (inc No <u>X</u> Depth (inc			-					
Saturation P			No X Depth (inc			— Moti	and Hydrolo	av Dro	nont?	Voc. V	No
(includes cap		es	No Deptil (inc	es).		_ vveu	and nyurolo	gy Fie	sent?	Yes X	_140
-	orded Data (stream o	nauge monit	oring well aerial pl	notos prev	ious inspe	ctions) if	available:				
		55 -,	g, p	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,					
	hough no surface wa	iter was pres	ent at the time of t	ne delineat	ion, evider	ice of surf	face soil crac	ks indic	ate that t	he area sup	ports wetland
hydrology.											

Project/Site: Southwest Village Specific Plan Project		City/Co	unty: <u>San Dieg</u>	0	_Sampling Date:	4/12/2021
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point:	390
Investigator(s): Beth Procsal, Andy Smisek		Sectio	n, Township, R	ange: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local ı	relief (concave,	convex, none): concave	Slop	oe (%): <u>0-2</u>
Subregion (LRR): C - Mediterranean California	Lat: 3	32.5555328	3166	Long: -117.018886657	Datun	n: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent ske	opes -			NWI classification	on: none	
Are climatic / hydrologic conditions on the site typical for	this time of	year? Ye	es X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology		-		Are "Normal Circumstance	•	X No
Are Vegetation, Soil, or Hydrology				(If needed, explain any ans	swers in Remarks	 3.)
SUMMARY OF FINDINGS – Attach site map sho				s, transects, important	t features, etc.	
Hydrophytic Vegetation Present? Yes X	No			_		
Hydric Soil Present? Yes X	No		the Sampled ithin a Wetland	Yes	X No	
	No		itiiiii a vvetiaiii	u: —		
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants.		urbed due t	o past land use	s. This feature was sample	ed during the gro	wing season and
	Absolute	Dominant	t Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Sp	pecies	
1. none				That Are OBL, FACW, o	or FAC:	1(A)
2				Total Number of Domina Species Across All Strat		1 (B)
4.		= Total Co		Percent of Dominant Sp That Are OBL, FACW, o		100 (A/B)
Sapling/Shrub Stratum (Plot size:)		- Total Co	ivei			
1. none				Prevalence Index work	«sheet:	
2.				Total % Cover of:	Multip	ly by:
3.				OBL species	x 1 =	
4.				FACW species	x 2 =	
5.				FAC species	x 3 =	
		= Total Co	ver	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
Spergularia bocconi	1	No	FACW	Column Totals:	(A)	(B)
2. Lepidium latipes	1	No	_ FACW	Prevalence Index	x = B/A =	
3. Psilocarphus brevissimus	1	No	FACW_			
4. Plantago elongata	1	No	_ FACW_	Hydrophytic Vegetatio	n Indicators:	
5. Festuca perennis	6	Yes	FAC	X Dominance Test i		
6. Hordeum depressum	1	No	_ FACW_	Prevalence Index		
⁷			_	Morphological Ada data in Remark	aptations¹ (Provic ks or on a separa	
	11	= Total C	over	Problematic Hydro	ophytic Vegetatio	n¹ (Explain)
Woody Vine Stratum (Plot size:)						
1. <u>none</u> 2.				¹ Indicators of hydric soi be present, unless disti		
		= Total Co			·	
% Bare Ground in Herb Stratum 89 % Cov	er of Biotic		, vei	Hydrophytic Vegetation Present? Yes	es X No)
Remarks: Sample area is a vernal pool that receives rur			mall local micro			
predominately of hydrophytic vegetation, it does support						

Depth	Matrix						-			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textur	<u>e</u>	Remarks	
)-2	7.5YR 4/1	98	7.5YR 4/6	_ 2		RC	sandy clay	<u>y</u>		
2-5	7.5YR 3/2	80	7.5YR 4/4	20	RM	М	sandy clay	<u>y</u>		
-15	7.5YR 4/4	100								
		-			· ——					
				_						
					· ——					
			· 			2				
	ncentration, D=Depletion					S. ⁴			=Root Channel, M=Matrix	ί.
Histoso	Indicators: (Applic	abie to ali		Redox (S5	•			n Muck (A9) (L	matic Hydric Soils ³ :	
	pipedon (A2)			ed Matrix (S	,			n Muck (A9) (L n Muck (A10) (,	
	listic (A3)			y Mucky Min				luced Vertic (F	•	
Hydrog	en Sulfide (A4)		Loam	y Gleyed Ma	atrix (F2)		Red	Parent Materi	al (TF2)	
	d Layers (A5) (LRR (C)		ted Matrix (F	,		Othe	er (Explain in F	Remarks)	
	uck (A9) (LRR D)	- (0.44)		x Dark Surfa	` '					
	ed Below Dark Surfac eark Surface (A12)	e (A11)		ted Dark Su x Depressior			3Indicate	are of hydronby	tic vegetation and	
	Mucky Mineral (S1)			l Pools (F9)	13 (1 0)				must be present,	
	Gleyed Matrix (S4)			()				ss disturbed or	•	
	l aver (if present):									
Restrictive										
	Layer (ii present).									
Type:		ved	<u> </u>				Hydric Soil	Present?	Yes X No	
Type: Depth (inc Remarks: d	hes):epleted matrix obser	ved					Hydric Soil	Present?	Yes X No	
Type: Depth (incline incline) Remarks: d	hes):epleted matrix obser						,		Yes X No	equire
Type: Depth (included) Remarks: d	epleted matrix obser	<u> </u>	ed; check all that ap	oply)			,	Secondary Inc		equire
Type: Depth (included) Remarks: d CDROLOG Wetland H Primary Ind	epleted matrix observations	<u> </u>		oply) rust (B11)			,	Secondary Inc Water Mark	licators (2 or more r	
Type: Depth (inc Remarks: d /DROLOG Wetland Hy Primary IndSurfaceHigh W	epleted matrix observations of the servation of the serva	<u> </u>	Salt Cr Biotic 0	rust (B11) Crust (B12)			,	Gecondary Inc Water Mark Sediment I Drift Depos	dicators (2 or more rests (B1) (Riverine) Deposits (B2) (Riverine)	
Type: Depth (inc Remarks: d YDROLOG Wetland H; Primary Ind Surface High W Saturat	epleted matrix observations of a water (A1) (ater Table (A2) ion (A3)	: one require	Salt Cr Biotic 0 Aquatio	rust (B11) Crust (B12) c Invertebrat	` '		,	Secondary Inc Water Mark Sediment D Drift Depos Drainage P	dicators (2 or more rests (B1) (Riverine) Deposits (B2) (Riverine) dits (B3) (Riverine) atterns (B10)	
Type: Depth (income for the content of the co	epleted matrix observations of experiments (A1) repleted matrix observations (Minimum of experiments) repleted matrix observations r	: one require	Salt Cr Biotic (Aquatio Hydrog	rust (B11) Crust (B12) c Invertebrat gen Sulfide C	Odor (C1)		<u>\$</u>	Secondary Inc Water Mark Sediment I Drift Depos Drainage P Dry-Seasor	dicators (2 or more rose (B1) (Riverine) Deposits (B2) (Riverine) Its (B3) (Riverine) Patterns (B10) The Water Table (C2)	
Type: Depth (incomplete incomplete inc	epleted matrix observations of the servation (A1) and (A2) ion (A3) warks (B1) (Nonriverent Deposits (B2) (No	: one require rine) nriverine)	Salt Cr Biotic (Aquatic Hydrog Oxidize	rust (B11) Crust (B12) c Invertebrati gen Sulfide C ed Rhizosph	Odor (C1) eres along	-	<u>\$</u>	Secondary Inc Water Mark Sediment Depose Drainage Pory-Seasor Thin Muck	dicators (2 or more rose (B1) (Riverine) Deposits (B2) (Riverine) dits (B3) (Riverine) datterns (B10) n Water Table (C2) Surface (C7)	
Type: Depth (incomplete incomplete inc	epleted matrix observations of the solution (A1) and the solution (A3) where (B1) (Nonriver ent Deposits (B2) (Nonriver eposits (B3) (Non	: one require rine) nriverine)	Salt Cr Biotic C Aquatic Hydrog Oxidize	crust (B11) Crust (B12) Crust	Odor (C1) eres along ed Iron (C4	1)		Secondary Inc Water Mark Sediment E Drift Depos Drainage P Dry-Seasor Thin Muck Crayfish Bu	dicators (2 or more rests (B1) (Riverine) Deposits (B2) (Riverine) dits (B3) (Riverine) datterns (B10) n Water Table (C2) Surface (C7)	e)
Type:	epleted matrix observations (minimum of observations (minimum of observations (Matrix (B1) (Nonriverset) (Nonriverset) (B2) (Nonriverset) (Nonriverset) (S3) (Nonriverset) (Nonriverset) (S3) (Nonriverset) (S6)	: one require rine) nriverine) rine)	Salt Cr Biotic C Aquatio Hydrog Oxidize Presen Recent	rust (B11) Crust (B12) c Invertebrate gen Sulfide C ed Rhizosphete of Reduct t Iron Reduct	Odor (C1) eres along ed Iron (C4 tion in Tille	1)		Gecondary Inc Water Mark Sediment E Drift Depos Drainage P Dry-Seasor Thin Muck Crayfish Bu Saturation	dicators (2 or more restaurations) (2 or more restaurations) (2 or more restaurations) (3 (Riverine) (4 or more restaurations) (4 or more restaurations) (4 or more restaurations) (5 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (7 or more restaurati	e)
Type: Depth (incomplete incomplete inc	epleted matrix observations of the solution (A3) Marks (B1) (Nonriverse of the posits (B2) (Nonriverse of the solution (A3) (Nonrive	: one require rine) nriverine) rine)	Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent 37) Thin M	rust (B11) Crust (B12) c Invertebrate gen Sulfide Ced Rhizosphe nce of Reduct t Iron Reduct uck Surface	Odor (C1) eres along eed Iron (C ² tion in Tilled (C7)	1)		Secondary Inc Water Mark Sediment D Drift Depos Drainage P Dry-Seasor Thin Muck Crayfish Bu Saturation V	dicators (2 or more rests (B1) (Riverine) Deposits (B2) (Riverine) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B2)	e)
Type:	epleted matrix observations of the solution (A3) Marks (B1) (Nonriversent Deposits (B2) (Nonriversent Deposits (B3) (Nonriversent Deposits (B4) : one require rine) nriverine) rine)	Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent 37) Thin M	rust (B11) Crust (B12) c Invertebrate gen Sulfide C ed Rhizosphete of Reduct t Iron Reduct	Odor (C1) eres along eed Iron (C ² tion in Tilled (C7)	1)		Secondary Inc Water Mark Sediment D Drift Depos Drainage P Dry-Seasor Thin Muck Crayfish Bu Saturation V	dicators (2 or more restaurations) (2 or more restaurations) (2 or more restaurations) (3 (Riverine) (4 or more restaurations) (4 or more restaurations) (4 or more restaurations) (5 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (6 or more restaurations) (7 or more restaurati	e)	
Type:	epleted matrix observations: epleted matrix observations: epleted matrix observations graph of the properties of the	: one require rine) nriverine) rine)	Salt Cr Biotic C Aquatio Hydrog Oxidize Presen Recent Thin M Other (rust (B11) Crust (B12) c Invertebrate gen Sulfide Ced Rhizosphete of Reduct t Iron Reduct uck Surface (Explain in R	Odor (C1) eres along eed Iron (C ² tion in Tilled (C7)	1)		Secondary Inc Water Mark Sediment D Drift Depos Drainage P Dry-Seasor Thin Muck Crayfish Bu Saturation V	dicators (2 or more rests (B1) (Riverine) Deposits (B2) (Riverine) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B2)	e)
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Project/Site: Southwest Village Specific Plan Project		City/Co	ounty: San Dieg	0	_Sampling Date:	4/12/2021
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point:	391
Investigator(s): Beth Procsal, Andy Smisek		Section	on, Township, R	ange: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local	relief (concave,	convex, none): concave	Slop	oe (%): <u>0-2</u>
Subregion (LRR): C - Mediterranean California	Lat: 3	32.555449	9791	Long: -117.018846332	Datur	m: <u>NAD83</u>
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slo	pes			NWI classification	on: none	
Are climatic / hydrologic conditions on the site typical for t	this time of	year? Y	es X No	o(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology	signifi	cantly dist	urbed?	Are "Normal Circumstance	s" present? Yes	X No
Are Vegetation, SoilX,or Hydrology	natura	ally probler	matic?	(If needed, explain any ans	swers in Remarks	s.)
SUMMARY OF FINDINGS – Attach site map sho	wing sa	mpling p	oint locations	s, transects, important	t features, etc.	ı
Hydrophytic Vegetation Present? Yes X I	No	_				
	No	"	s the Sampled . vithin a Wetland	Yes	X No	
Wetland Hydrology Present? Yes X	No	_ '	vitilii a vvetiaii	u:		
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants.		urbed due	to past land use	s. This feature was sample	ed during the gro	wing season and
	Absolute	Dominar	nt Indicator	Dominance Test works	sheet:	
,	% Cover	Species	? Status	Number of Dominant Sp	oecies	
1. none				That Are OBL, FACW, o	or FAC:	2 (A)
2. 3.				Total Number of Domina Species Across All Strat		2 (B)
4.				Percent of Dominant Sp		, , ,
		= Total C	over	That Are OBL, FACW, o	or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. <u>none</u>				Prevalence Index work	ksheet:	
2				Total % Cover of:		oly by:
3				OBL species	x 1 =	
4				FACW species	x 2 =	
5				FAC species	x 3 =	
Hart Otratana (Distraina		= Total C	over	FACU species	x 4 =	
Herb Stratum (Plot size:)	FO.	Vaa	OBL	UPL species Column Totals:	x 5 =	(B)
Triglochin scilloides Psilocarphus brevissimus	50 20	Yes Yes	OBL FACW	Column rotals.	(A)	(в)
Psilocarphus brevissimus Lythrum hyssopifolia	1	No	OBL	Prevalence Index	x = B/A =	
4. Plagiobothrys acanthocarpus	1	No	OBL OBL	Hydrophytic Vegetatio	n Indicators:	
5. Spergularia bocconi	1	No	FACW	X Dominance Test is		
6. Hordeum depressum	1	No	FACW	Prevalence Index		
7. Festuca perennis	3	No	FAC	Morphological Ada		de supportina
8.					ks or on a separa	
	77	= Total (Cover	Problematic Hydro	ophytic Vegetatic	on¹ (Explain)
Woody Vine Stratum (Plot size:					. , .	,
1. none				¹ Indicators of hydric soi be present, unless dist		
2		T-1-10				
% Bare Ground in Herb Stratum 23 % Cov	er of Biotic	= Total C	over	Hydrophytic Vegetation Present? Yes	es X No	n
Remarks: Sample area is a vernal pool that receives run			mall lead :::::::			
predominately of hydrophytic vegetation, it does support Plagiobothrys acanthocarpus).						

Depth (inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	
, , , , , , , , , , , , , , , , , , , 										
		- 								
, ,	ncentration, D=Depletion		•			ıs. ² L			Root Channel, M=M	
-	Indicators: (Appli	cable to all I							natic Hydric Soil:	s³:
_Histosol	` '			ly Redox (S5				Muck (A9) (LI		
_	pipedon (A2)			oed Matrix (S	•			Muck (A10) (I		
_	istic (A3) en Sulfide (A4)			ny Mucky Mir	, ,			ed Vertic (F1	,	
	d Layers (A5) (LRR	C)		ny Gleyed Ma eted Matrix (F				arent Materia (Explain in R	, ,	
_	uck (A9) (LRR D)	C)		ox Dark Surfa			_X_Other	(Explain in K	emarks)	
	d Below Dark Surfa	ce (A11)		eted Dark Su	` '					
	ark Surface (A12)	00 (/ 11 1)		x Depression			3Indicators	of hydrophyt	tic vegetation and	
	Mucky Mineral (S1)			al Pools (F9)	` '				nust be present,	
_	Gleyed Matrix (S4)			()				disturbed or		
estrictive	Layer (if present):									
	, , ,									
Туре:							Hydric Soil Dr	recent?	Vec Y N	0
Type: Depth (inc Remarks: N		Per the 1987	delineation manu	ıal, hydric soi	ls can be a		Hydric Soil Pr hen a wetland		Yes <u>X</u> Nd by OBL and FA	
Type: Depth (inc Remarks: N only.	hes):o soil pit was dug. F	Per the 1987	delineation manu	ial, hydric soi	ls can be a		-			
Type:	hes):o soil pit was dug. F		delineation manu	ıal, hydric soi	ls can be a		hen a wetland	is dominated	——— d by OBL and FA(CW spec
Type:	hes): o soil pit was dug. F SY vdrology Indicators	3 :			ls can be a		hen a wetland	is dominated	d by OBL and FAG	CW spec
Type: Depth (income semarks: Nonly. YDROLOG Wetland Hy Primary Indi	hes): o soil pit was dug. F SY vdrology Indicators icators (minimum of	3 :	d; check all that a	pply)	ls can be a		hen a wetland	is dominated condary Ind Water Mark	d by OBL and FAG	CW spec
Type: Depth (inc Remarks: N only. YDROLOG Wetland Hy Primary IndiSurface	hes):o soil pit was dug. F	3 :	d; check all that a	pply) rust (B11)	ls can be a		hen a wetland	is dominated condary Ind Water Mark: Sediment D	icators (2 or mor s (B1) (Riverine) eposits (B2) (Rive	CW spec
Type: Depth (inc Remarks: N Inly. /DROLOG Wetland Hy Primary IndiSurfaceHigh W	hes):o soil pit was dug. F SY /drology Indicators icators (minimum of Water (A1) ater Table (A2)	3 :	d; check all that a Salt C Biotic	pply) rust (B11) Crust (B12)			hen a wetland	condary Ind Water Mark Sediment D Drift Deposi	icators (2 or mor s (B1) (Riverine) eposits (B2) (Riverine) ts (B3) (Riverine)	CW spec
Type: Depth (inc Remarks: Nonly. YDROLOG Wetland Hy Primary IndiSurface	hes):o soil pit was dug. F SY /drology Indicators icators (minimum of Water (A1) ater Table (A2)	3 :	d; check all that a Salt C Biotic Aquat	pply) rust (B11) Crust (B12) ic Invertebrat	es (B13)		hen a wetland	condary Ind Water Mark Sediment D Drift Deposi	icators (2 or mores (B1) (Riverine) eposits (B3) (Riverine) atterns (B10)	re requir
Type:	hes):o soil pit was dug. F SY /drology Indicators icators (minimum of Water (A1) ater Table (A2)	s: one required	d; check all that aSalt CBioticAquatHydro	pply) rust (B11) Crust (B12) ic Invertebrat gen Sulfide (res (B13) Odor (C1)	assumed w	hen a wetland	condary Ind Water Mark Sediment D Drift Deposi	icators (2 or mor s (B1) (Riverine) eposits (B2) (Riverine) ts (B3) (Riverine)	re requir
Type: Depth (inc Remarks: Nonly. YDROLOG Wetland Hy Primary Indi Surface High W Saturati Water N	hes): o soil pit was dug. F o soil pit was dug. F or drology Indicators icators (minimum of Water (A1) ater Table (A2)	s: one required	d; check all that aSalt CBioticAquatHydro	pply) rust (B11) Crust (B12) ic Invertebrat	res (B13) Odor (C1)	assumed w	hen a wetland	condary Ind Water Mark Sediment D Drift Deposi	icators (2 or mor s (B1) (Riverine) eposits (B2) (Riverine) atterns (B10)	re requir
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Type:	hes):	one required erine) onriverine) erine)	d; check all that a Salt C Biotic Aquat Hydro Oxidiz Prese Recer Thin M	pply) rust (B11) Crust (B12) ic Invertebrat gen Sulfide C ed Rhizosph nce of Reduc t Iron Reduc	es (B13) Odor (C1) eres along ced Iron (C tion in Tille (C7)	assumed w	See See State Control of the Control	condary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bu Saturation V	icators (2 or mores (B1) (Riverine) eposits (B2) (Riverine) atterns (B10) Water Table (C2 Surface (C7) rrows (C8) /isible on Aerial Indiator (D3)	re requirerine)
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Project/Site: Southwest Village Specific Plan Project		City/Cou	nty: <u>San Dieg</u>	0	_Sampling Date: 4/12	2/2021
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 392	
Investigator(s): Beth Procsal, Andy Smisek		Section	, Township, R	ange: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	elief (concave,	convex, none): concave	Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55541245	592	Long: -117.018899749	Datum: NA	ND83
Soil Map Unit Name:				NWI classification		
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstance		No
Are Vegetation Soil , or Hydrology				(If needed, explain any ans	swers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	t features, etc.	
Hydrophytic Vegetation Present? Yes X	No		de a Camanda d	A		
Hydric Soil Present? Yes X	No		he Sampled hin a Wetlan	YAS	X No	
Wetland Hydrology Present? Yes X	No	_ ****	illi a wetian	u:		
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sample	ed during the growing	season and
VEGETATION – Use scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:) 1. none	% Cover		Status	Number of Dominant Sp That Are OBL, FACW, o		(4)
2.				Total Number of Domina	ant	(A)
3				Species Across All Strat Percent of Dominant Sp		(B)
4		= Total Cov	·····	That Are OBL, FACW, of		(A/B)
Sapling/Shrub Stratum (Plot size:)		- Total Cov	eı			
1 none				Prevalence Index work	ksheet:	
2.				Total % Cover of:	Multiply by:	:
3.				OBL species	x 1 =	
4.				FACW species		
5.			· · ·	FAC species		
		= Total Cov	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
Psilocarphus brevissimus	20	Yes	FACW	Column Totals:	(A)	(B)
2. Festuca perennis	15	Yes	FAC	Prevalence Inde	x = B/A =	
3. Spergularia bocconi	1	No	FACW_			
4. Hordeum depressum	5	No	FACW	Hydrophytic Vegetatio	n Indicators:	
5. Lythrum hyssopifolia	1	No	OBL	X Dominance Test i		
6. Plagiobothrys acanthocarpus	1	No	OBL	Prevalence Index		
7. 8.					laptations¹ (Provide su _l ks or on a separate sh	
	43	= Total Co	ver	Problematic Hydro	ophytic Vegetation¹ (E	xplain)
Woody Vine Stratum (Plot size:)						
1. <u>none</u> 2.				¹ Indicators of hydric so be present, unless dist		gy must
		= Total Cov	er	Hydrophytic Vegetation		
	ver of Biotic		all local resistration	Present? Ye	es X No	
Remarks: Sample area is a vernal pool that receives ru predominately of hydrophytic vegetation, it does support brevissimus).						

Depth	Matrix			edox Featı			_	_
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-5	10YR 3/2	90 5	5YR 4/6	10	C	RC/M	sandy clay	redox
5-18	10YR 4/3						sandy clay	no redox
								_
							-	_
							-	
	ncentration, D=Depletion					s. 2		e Lining, RC=Root Channel, M=Matrix.
-	Indicators: (Applica	able to all Li			•			for Problematic Hydric Soils ³ :
Histosol	` '			Redox (S5				uck (A9) (LRR C)
	pipedon (A2)			d Matrix (S				luck (A10) (LRR B)
	istic (A3)			Mucky Mir	` ,			ed Vertic (F18)
	en Sulfide (A4)	•		Gleyed Ma	. ,			arent Material (TF2)
	d Layers (A5) (LRR 0 uck (A9) (LRR D)	خ)	X Deplete Redox	ed Matrix (F Dark Surfa	•		Other (Explain in Remarks)
	d Below Dark Surface	e (A11)		ed Dark Su				
	ark Surface (A12)			Depressio				of hydrophytic vegetation and
	Mucky Mineral (S1) Gleyed Matrix (S4)		Vernal	Pools (F9)				hydrology must be present, disturbed or problematic.
	<u>`</u> ``						unic33 (notation of problematic.
Restrictive	Layer (II present):							
	Layer (if present):							
Type:		ved in top soi					Hydric Soil Pre	esent? Yes X No
Type: Depth (inc Remarks: d	hes):epleted matrix observ						Hydric Soil Pre	esent? Yes X No
Type: Depth (incomments: do	hes):epleted matrix observ	ved in top soi						esent? Yes X No
Type: Depth (incomments: downwarks: downwarks: downwarks: downwarks) YDROLOG Wetland Hy	hes):epleted matrix observ	ved in top soi	il layer (0-5")	ly)			Sec	
Type: Depth (income semarks: downwards) YDROLOG Wetland Hy Primary Indo	hes):epleted matrix observ	ved in top soi	il layer (0-5")	•			Sec	ondary Indicators (2 or more requir
Type: Depth (income semarks: downwards: downwards) YDROLOG Wetland Hy Primary IndSurface	hes):epleted matrix observed. GY ydrology Indicators: icators (minimum of communications)	ved in top soi	il layer (0-5") ; check all that app	•			Sec	ondary Indicators (2 or more requir Water Marks (B1) (Riverine)
Type:	epleted matrix observed. GY ydrology Indicators: icators (minimum of company) Water (A1) ater Table (A2)	ved in top soi	il layer (0-5") ; check all that app	st (B11) rust (B12)	res (B13)		<u>Sec</u>	ondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Type: Depth (incomplete incomplete inc	epleted matrix observed. GY /drology Indicators: icators (minimum of compared to the Water (A1) ater Table (A2) ion (A3)	ved in top soi	; check all that app Salt Crue Biotic Crue X Aquatic	st (B11) rust (B12) Invertebrat	, ,		Sec	ondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Type:	epleted matrix observed and the served and the serv	ved in top so	; check all that app Salt Crue Biotic Cr X Aquatic Hydroge	st (B11) ust (B12) Invertebrat n Sulfide (Odor (C1)	Living Ro	<u>Sec</u>	ondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
Type:	epleted matrix observed and the served and the serv	ved in top soi	; check all that app Salt Crue Biotic Cru X Aquatic I Hydroge Oxidized	st (B11) ust (B12) Invertebrat n Sulfide (I Rhizosph	Odor (C1) eres along	_	Sec ————————————————————————————————————	ondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Type:	epleted matrix observed and the solution of control of the solution (A3) Marks (B1) (Nonriver on the posits (B2) (Nonriver opposits (B3) (Nonriver op	ved in top soi	; check all that app Salt Crue Biotic Cr X Aquatic Hydroge Oxidized Presence	st (B11) rust (B12) Invertebrat rn Sulfide (I Rhizosph e of Reduce	Odor (C1) eres along ced Iron (C	4)	Sec	ondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Type:	epleted matrix observed and control of contr	ine) rine)	; check all that app Salt Crus Biotic Cr X Aquatic Hydroge Oxidized Presenc Recent I	st (B11) ust (B12) Invertebrat n Sulfide C I Rhizosph e of Reduc	Odor (C1) eres along ced Iron (Cition in Tille	4)	Sec	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8)
Type: Depth (incomplete incomplete inc	epleted matrix observed and the solution of control of the solution (A3) Marks (B1) (Nonriver on the posits (B2) (Nonriver opposits (B3) (Nonriver op	ine) rine)	; check all that app Salt CrustBiotic CrustHydrogeOxidizedPresencRecent I	st (B11) rust (B12) Invertebrat rn Sulfide (I Rhizosph e of Reduce	Odor (C1) eres along ced Iron (Cition in Tille (C7)	4)	Sec ————————————————————————————————————	ondary Indicators (2 or more requir Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Type:	epleted matrix observed and the size of th	ine) magery (B7)	; check all that app Salt Crue Biotic Cru X Aquatic Hydroge Oxidized Presenc Recent I Thin Mue Other (E	st (B11) ust (B12) Invertebrat n Sulfide C I Rhizosph e of Reduc ron Reduc ck Surface xplain in R	Odor (C1) eres along ced Iron (Cition in Tille (C7)	4)	Sec ————————————————————————————————————	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3)
Type:	epleted matrix observed and the state of the	ine) magery (B7)	; check all that app Salt Cru Biotic Cr X Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) ust (B12) Invertebrat n Sulfide (I Rhizosph e of Reduc ron Reduc ck Surface xplain in R	Odor (C1) eres along ced Iron (Cition in Tille (C7)	4)	Sec ————————————————————————————————————	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3)
Type:	ches):epleted matrix observed. GY /drology Indicators: icators (minimum of compared of compare	ine) magery (B7)	; check all that app ; check all that app Salt Crust Biotic Crust Aquatic Industry Oxidized Presence Recent Industry Other (E	st (B11) ust (B12) Invertebrat in Sulfide (I Rhizosph e of Reduc ron Reduc ck Surface xplain in R	Odor (C1) eres along ced Iron (Cition in Tille (C7)	4) d Soils (C	ots (C3)	ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Type:	ches):epleted matrix observed. GY /drology Indicators: icators (minimum of compared of compare	ine) magery (B7)	; check all that app Salt Cru Biotic Cr X Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) ust (B12) Invertebrat in Sulfide (I Rhizosph e of Reduc ron Reduc ck Surface xplain in R	Odor (C1) eres along ced Iron (Cition in Tille (C7)	4) d Soils (C	Sec ————————————————————————————————————	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
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Type:	ches):	ine) magery (B7) es ! es ! es !	; check all that app ; check all that app Salt Crust Biotic Crust Hydroge Oxidized Presence Recent I Thin Must Other (E	st (B11) ust (B12) Invertebrat in Sulfide (I Rhizosph e of Reduct ron Reduct ck Surface xplain in R ches): ches): ches):	Odor (C1) eres along ced Iron (C tion in Tille (C7) eemarks)	4) d Soils (C	ots (C3)	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Type:	ches): epleted matrix observer of the position (A3) Marks (B1) (Nonriver of the position (B3) (Nonriver of the position (B	ine) magery (B7) gauge, monit	il layer (0-5") ; check all that app Salt Cru: Biotic Cr X_ Aquatic Presenc Recent I Thin Mu Other (E NoX Depth (inc NoX	st (B11) ust (B12) Invertebrat n Sulfide (I Rhizosph e of Reduc ron Reduc ck Surface xplain in R ches): ches): hotos, prev	Odor (C1) eres along ced Iron (C tion in Tille (C7) emarks)	4) d Soils (C	ots (C3) 6)	ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Type:	ches): epleted matrix observer ydrology Indicators: icators (minimum of observer) water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver) ent Deposits (B2) (Nonriver) ent Deposits (B3) (Nonriver) ent Deposits (B4) (Nonriver) ent Deposits (B6) ion Visible on Aerial I Stained Leaves (B9) vations: ere Present? Yresent? Yresent? Yresent? Yresent? Yresent? Yresent? Yresent? Yresent? Yresent?	ine) magery (B7) gauge, monit	il layer (0-5") ; check all that app Salt Cru: Biotic Cr X_ Aquatic Presenc Recent I Thin Mu Other (E NoX Depth (inc NoX	st (B11) ust (B12) Invertebrat n Sulfide (I Rhizosph e of Reduc ron Reduc ck Surface xplain in R ches): ches): hotos, prev	Odor (C1) eres along ced Iron (C tion in Tille (C7) emarks)	4) d Soils (C	ots (C3) 6)	ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	Sampling Date: 4	4/12/2021
Applicant/Owner: Tri Point Homes		<u></u>		State: CA	Sampling Point: 3	393
Investigator(s): Beth Procsal, Andy Smisek		Section,	, Township, R	Range: Section 31, T18S R	01W	
Landform (hillslope, terrace, etc.): mesa top				, convex, none): concave		(%): 0-2
Subregion (LRR): C - Mediterranean California	Lat:	 32.55526944	22	Long: -117.018890497	 Datum:	: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification		
Are climatic / hydrologic conditions on the site typical fo		f year? Yes	X No	o (If no, explain in F	Remarks.)	
Are Vegetation X, Soil , or Hydrology _				Are "Normal Circumstances		X No
Are Vegetation , Soil , or Hydrology				(If needed, explain any ansv	· -	
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	features, etc.	
Hydrophytic Vegetation Present? Yes X		_ le t	he Sampled	Aroa		
Hydric Soil Present? Yes X	_No		hin a Wetlan	Y 2QV	No	
Wetland Hydrology Present? Yes X	_No	_				
Remarks: The majority of the vegetation on the site had meets the wetland criteria. VEGETATION – Use scientific names of plants		arbed due to	past land use	ss. This isuale was sample		ing souson und
T 01 1 (D) 1 :	Absolute	Dominant	Indicator	Dominance Test works	heet:	
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Spe		0 (4)
2.				That Are OBL, FACW, or Total Number of Dominal	nt	2(A)
3				Species Across All Strata		2(B)
4				Percent of Dominant Spe That Are OBL, FACW, or		00 (A/B)
		= Total Cov	er	THAT THE OBE, I THOW, OF	1710.	(, , ,)
Sapling/Shrub Stratum (Plot size:)						
1. <u>none</u> 2.				Total % Cover of:	sneet: Multiply	, by:
				ODI :		
				FACW species		
				FAC species	x 3 =	
5		= Total Cov	 er	FACU species	x 4 =	
Herb Stratum (Plot size:				UPL species	x 5 =	
1. Plagiobothrys acanthocarpus	1	No	OBL	Column Totals:	(A)	(B)
2. Triglochin scilloides	25	Yes	OBL	Prevalence Index	= B/A =	
3. Psilocarphus brevissimus	25	Yes	FACW	Prevalence index	- b/A	
4. Festuca perennis	3	No	FAC	Hydrophytic Vegetation	n Indicators:	
5. Lythrum hyssopifolia	1	No	OBL	X Dominance Test is	>50%	
6. Hordeum depressum	1	No	FACW	Prevalence Index i	s ≤3.0¹	
7. 8.				Morphological Ada data in Remark	ptations¹ (Provide s or on a separate	
	56	= Total Co	ver	Problematic Hydro	•	•
Woody Vine Stratum (Plot size:				Troblemade riyare	priyas vogstaasii	(Explain)
1. none				¹ Indicators of hydric soil	and wetland hydr	rology must
2.				be present, unless distu	rbed or problema	tic.
		= Total Cov	er	Hydrophytic	·	
% Bare Ground in Herb Stratum44 % Co	over of Biotic	Crust		Vegetation Present? Yes	sXNo_	
Remarks: Sample area is a vernal pool that receives ru						
predominately of hydrophytic vegetation, it does support acanthocarpus, and Triglochin scilloides).	rt three verna	al pool plant i	indicator spec	cies (Psilocarphus brevissim	ius, Plagiobothrys	3

(inches) Color (moist) 0-6 10YR 4/1 6-18 7.5yr 4/4 Tolor (moist) 10YR 4/1 6-18 7.5yr 4/4 Tolor (moist) 7.5yr 4/4 Tolor (moist) 7.5yr 4/4 Tolor (moist) 1 Type: C=Concentration, D=Deplete Hydric Soil Indicators: (Applited (Moist) Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR D) Depleted Below Dark Surfactor (Moist) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Remarks: distinct and prominer Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonrived (Moist) Sediment Deposits (B2) (Nonrived (Moist) Sediment Deposits (B3) (Mois		Color (moist) 2.5YR 4/8			RC/M	clay sandy clay	redox
1-Type: C=Concentration, D=Depleti Hydric Soil Indicators: (Appli Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR D) Depleted Below Dark Surfac Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Remarks: distinct and prominer YDROLOGY Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriv Sediment Deposits (B2) (Nonriv X Surface Soil Cracks (B6) Inundation Visible on Aeria Water-Stained Leaves (B9) Field Observations: Surface Water Present? Water Table Present? Saturation Present? Staturation Present? Staturation Present? Staturation Present? Staturation Present? Staturation Present?		5YR 4/8		<u> </u>	RC/M		
Type: C=Concentration, D=Depleti Hydric Soil Indicators: (Appli Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR D) Depleted Below Dark Surfac Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Remarks: distinct and prominer YDROLOGY Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonrive Sediment Deposits (B2) (Nonrive Surface Soil Cracks (B6) Inundation Visible on Aeria Water-Stained Leaves (B9) Field Observations: Surface Water Present? Saturation Present? Staturation Present?	100					sandv clav	/ no redox
Hydric Soil Indicators: (Applia Histosol (A1) Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR D) Depleted Below Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Remarks: distinct and promineration of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonrive Sediment Deposits (B2) (Norrive X Surface Soil Cracks (B6) Inundation Visible on Aeria Water-Stained Leaves (B9) Field Observations: Surface Water Present? Staturation Present?						. 	
Hydric Soil Indicators: (Applia Histosol (A1) Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR D) Depleted Below Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Bestrictive Layer (if present): Type: Depth (inches): Bemarks: distinct and prominer Depth (inches): Depth (inches): Depth (Mater Table (A2) Saturation (A3) Water Marks (B1) (Nonrive Sediment Deposits (B2) (Nonrive Sediment Deposits (B3) (Nonrive Sediment Deposits (B4) (Nonrive Sediment Deposits (B4) (Nonrive Sediment Deposits (B4) (Nonrive Sediment Deposits (B4) (Non							
Hydric Soil Indicators: (Applia Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR 1) Depleted Below Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Bestrictive Layer (if present): Type: Depth (inches): Bemarks: distinct and prominer Depth (inches): Depth (Mater Table (A2) Saturation (A3) Water Marks (B1) (Nonrive Sediment Deposits (B2) (Norrive Sediment Deposits (B2) (Norrive Sediment Deposits (B3) (Norrive Sediment Deposits (B4) (N						- '	
Hydric Soil Indicators: (Applia Histosol (A1) Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR D) Depleted Below Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Bestrictive Layer (if present): Type: Depth (inches): Bemarks: distinct and prominer Depth (inches): Depth (inches): Depth (Mater Table (A2) Saturation (A3) Water Marks (B1) (Nonrive Sediment Deposits (B2) (Nonrive Sediment Deposits (B3) (Nonrive Sediment Deposits (B4) (Nonrive Sediment Deposits (B4) (Nonrive Sediment Deposits (B4) (Nonrive Sediment Deposits (B4) (Non							
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Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR D) Depleted Below Dark Surfac Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) destrictive Layer (if present): Type: Depth (inches): Depth (inches): Demarks: distinct and prominer Demarks: distinct and	pplicable to all LR			•			ors for Problematic Hydric Soils ³ :
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Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR D) Depleted Below Dark Surfac Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sestrictive Layer (if present): Type: Depth (inches): Demarks: distinct and prominer Demarks: di			ed Matrix (S6	-			n Muck (A10) (LRR B)
Stratified Layers (A5) (LRR D) 1 cm Muck (A9) (LRR D) Depleted Below Dark Surfactor (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sestrictive Layer (if present): Type: Depth (inches): Semarks: distinct and prominer Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonrive Sediment Deposits (B2) (Norrive Sediment Deposits (B3) (Nonrive Sediment Deposits (B4) (Nonrive			y Mucky Mine y Gleyed Mat	. ,			uced Vertic (F18) Parent Material (TF2)
1 cm Muck (A9) (LRR D) Depleted Below Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Remarks: distinct and prominer Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonrive Sediment Deposits (B2) (Nonrive Sediment Deposits (B3) (Nonrive Sediment Deposits (B4) Inundation Visible on Aeria Water-Stained Leaves (B9) Iniface Water Present? Vater Table Present? Vater Table Present? Vater Table Present? Includes capillary fringe)	I RR C)		ted Matrix (F	. ,			er (Explain in Remarks)
Depleted Below Dark Surfa Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Remarks: distinct and prominer Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonrive Sediment Deposits (B2) (Norrive Sediment Deposits (B6) Inundation Visible on Aeria Water-Stained Leaves (B9) Initial Observations: Rurface Water Present? Vater Table Present? Raturation Present? Raturation Present? Raturation Present? Raturation Present? Raturation Present? Raturation Present? Raturation Present? Raturation Present? Raturation Present? Raturation Present? Raturation Present? Raturation Present?			Dark Surfac	•			CAPIGIT IT TOMATIO)
Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Remarks: distinct and prominer Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonrive Sediment Deposits (B2) (Norrive Sediment Deposits (B3) (Nonrive Sediment Deposits (B4) Inundation Visible on Aeria Water-Stained Leaves (B9) Field Observations: Fourface Water Present? Fourface Water Present? Fourface Capillary fringe)			ted Dark Surf	` '			
Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Remarks: distinct and prominer Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonrive Sediment Deposits (B2) (Nonrive Sediment Deposits (B2) (Nonrive Sediment Deposits (B3) (Nonrive Sediment Deposits (B4) (Nonr			Depressions	. ,		³ Indicato	rs of hydrophytic vegetation and
Primary Indicators (Mannis Mannis Man	(S1)	Vernal	l Pools (F9)	. ,			and hydrology must be present,
Type: Depth (inches): Demarks: distinct and prominer Demark	34)					unles	ss disturbed or problematic.
Depth (inches): Depth (inches): Demarks: distinct and prominer Demarks: distinct and promin	nt):						
/DROLOGY // Vetland Hydrology Indicator Primary Indicators (minimum or Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonrive Sediment Deposits (B2) (Norrive Marce Soil Cracks (B6) Inundation Visible on Aeria Water-Stained Leaves (B9) ield Observations: urface Water Present? // vater Table Present? aturation Present? ncludes capillary fringe)	•						
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Wetland Hydrology Indicator Primary Indicators (minimum of Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonrive Sediment Deposits (B2) (Nonrive X Surface Soil Cracks (B6) Inundation Visible on Aeria Water-Stained Leaves (B9) Water Table Present? Vater Table Present? Saturation Present? Includes capillary fringe)							
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High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonrive Sediment Deposits (B2) (Nonrive Sediment Deposits (B3) (Nonrive Sediment Deposits (B3) (Nonrive Sediment Deposits (B4) (Nonriv	in or one required,		ust (B11)				Sediment Deposits (B2) (Riverine)
Saturation (A3) Water Marks (B1) (Nonrive Sediment Deposits (B2) (Nonrive Sediment Deposits (B3) (Nonrive Sediment Deposits (B3) (Nonrive Sediment Deposits (B4) (Nonrive Sediment Deposits (B4) (Nonrive Sediment Sedimen		X Biotic C				_	Drift Deposits (B3) (Riverine)
Water Marks (B1) (Nonrivents) Sediment Deposits (B2) (Nonrivents) Drift Deposits (B3) (Nonrivents) X Surface Soil Cracks (B6) Inundation Visible on Aeria Water-Stained Leaves (B9) Water Observations: Surface Water Present? Water Table Present? Staturation Present? Includes capillary fringe)			: Invertebrate	es (B13)		_	Drainage Patterns (B10)
Sediment Deposits (B2) (Nonriv Drift Deposits (B3) (Nonriv X Surface Soil Cracks (B6) Inundation Visible on Aeria Water-Stained Leaves (B9) ield Observations: surface Water Present? Water Table Present? iaturation Present? includes capillary fringe)	nriverine)		en Sulfide O			_	Dry-Season Water Table (C2)
Drift Deposits (B3) (Nonriv X Surface Soil Cracks (B6) Inundation Visible on Aeria Water-Stained Leaves (B9) ield Observations: surface Water Present? Vater Table Present? iaturation Present? includes capillary fringe)	,		ed Rhizosphe		Living Ro		Thin Muck Surface (C7)
X Surface Soil Cracks (B6) Inundation Visible on Aeria Water-Stained Leaves (B9 ield Observations: surface Water Present? Vater Table Present? iaturation Present? includes capillary fringe)			ce of Reduce	_	_	_	Crayfish Burrows (C8)
Inundation Visible on Aeria Water-Stained Leaves (B9 Field Observations: Surface Water Present? Vater Table Present? Saturation Present? Includes capillary fringe)	•		Iron Reducti	,	,	<u> </u>	Saturation Visible on Aerial Imager
Water-Stained Leaves (B9 Field Observations: Surface Water Present? Vater Table Present? Saturation Present? Includes capillary fringe)	•		uck Surface (_	Shallow Aquitard (D3)
ield Observations: Surface Water Present? Vater Table Present? Saturation Present? Includes capillary fringe)	,		Explain in Re	` '		_	FAC-Neutral Test (D5)
surface Water Present? Vater Table Present? saturation Present? ncludes capillary fringe)						·	
Vater Table Present? Saturation Present? includes capillary fringe)	Yes N	lo X Depth (ir	nches).				
Saturation Present? includes capillary fringe)		lo X Depth (ir	· —		_		
includes capillary fringe)		lo X Depth (ir			— Wetla	nd Hydrolo	gy Present? Yes X No
	165 1	10 <u>X</u> Dopur (11	iorico).		_	ina riyarolo	gy 1 1030111. 165 <u>X</u> 110
escribe Recorded Data (stream		oring well, aerial	photos, previ	ious insped	ctions), if a	available:	
	eam gauge, monito						
emarks: Although no surface w	eam gauge, monito						
upports wetland hydrology.		ant at the time of	the delinesti	on eviden	ce of surf	ace soil crac	ks and biotic crust indicate that the are

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	Sampling Date: 2/9/2022
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point: 394
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	ange: Section 31, T18S F	₹01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slope (%): 0-2
Subregion (LRR): <u>C - Mediterranean California</u>	Lat: 3	32.547932		Long: <u>-117.018973</u>	Datum: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30 p	ercent slope	es		NWI classification	on: depression
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	XNo	o(If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ed?	Are "Normal Circumstance	es" present? Yes X No
Are Vegetation, Soil, or Hydrology	natura	ally problema	tic? ((If needed, explain any ans	swers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	owing sa	mpling poi	nt locations	s, transects, important	t features, etc.
Hydrophytic Vegetation Present? Yes X	No				
Hydric Soil Present? Yes	No X		he Sampled . hin a Wetlan	Yes	NoX
Wetland Hydrology Present? Yes X	No		iiii a vvetiaiii	u:	
Remarks: The majority of the vegetation on the site has were not observed. Sampled area is not a wetland. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. Vegetation is not strong	ly hydrophytic and hydric soils
	Absolute	Dominant	Indicator	Dominance Test works	sheet:
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Sp That Are OBL, FACW, o	
2				Total Number of Domina Species Across All Strat	ant
4.		= Total Cove		Percent of Dominant Sp That Are OBL, FACW, o	pecies (B)
Sapling/Shrub Stratum (Plot size:)		Total Cov	0 1		
1. none				Prevalence Index work	ksheet:
2.				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
		= Total Cove	er	FACU species	x 4 =
Herb Stratum (Plot size:)				UPL species	x 5 =
1. Spergularia bocconi	5	Y	FACW	Column Totals:	(A)(B)
2. Medicago polymorpha		N	FACU	Prevalence Inde	x = B/A =
3. Erodium cicutarium	1	N	UPL	Under abortio Vocatotio	le dia ataua
Silocarphus brevissimus Glebionis coronaria		N	FACW_ UPL	Hydrophytic Vegetatio	
6				X Dominance Test in Prevalence Index	
7					aptations¹ (Provide supporting
8.					ks or on a separate sheet)
	9	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:					
1. none				¹ Indicators of hydric soil be present, unless disti	il and wetland hydrology must curbed or problematic.
2		- Total O-			<u> </u>
% Bare Ground in Herb Stratum % Co	ver of Biotic	= Total Cove	er	Hydrophytic Vegetation Present? Yes	es X No
Remarks: Sample area is a vernal pool that receives ru			all local micro		
predominately of hydrophytic vegetation, it does support					

Depth	Matrix		Redox Features	1		
(inches)	Color (moist)		Color (moist) % Typ	e ¹ Loc ²	Texture	Remarks
0-18	10YR 3/2	100			sandy clay	`no redox
					·	
Type: C=Cor	centration D=Depletion	- RM=Reduce	ed Matrix, CS=Covered or Coated Sand (Graine 2	ocation: PI =Pore	Lining, RC=Root Channel, M=Matrix.
			RRs, unless otherwise noted.)	Jianis. L		or Problematic Hydric Soils ³ :
Histosol		ubio to uii =	Sandy Redox (S5)			ick (A9) (LRR C)
	oipedon (A2)		Stripped Matrix (S6)			ick (A10) (LRR B)
	istic (A3)		Loamy Mucky Mineral (F	⁻ 1)		d Vertic (F18)
	en Sulfide (A4)		Loamy Gleyed Matrix (F.	,		ent Material (TF2)
Stratifie	d Layers (A5) (LRR (C)	Depleted Matrix (F3)		Other (E	xplain in Remarks)
	uck (A9) (LRR D)		Redox Dark Surface (F6	5)		
	d Below Dark Surfac	e (A11)	Depleted Dark Surface (•	_	
	ark Surface (A12)		Redox Depressions (F8))		f hydrophytic vegetation and
-	Mucky Mineral (S1)		Vernal Pools (F9)			nydrology must be present,
Sandy C	Gleyed Matrix (S4)				uniess ai	sturbed or problematic.
estrictive	Layer (if present):					
Type:			<u> </u>			
Depth (inc	hes): o hydric soil indicator	rs observed	_		Hydric Soil Pres	sent? Yes No x
Depth (inc	o hydric soil indicator	rs observed	_		Hydric Soil Pres	sent? Yes No x
Depth (inc	o hydric soil indicator				·	
Depth (inc Remarks: no /DROLOG	o hydric soil indicator SY rdrology Indicators	:	; check all that apply)		Seco	ondary Indicators (2 or more require
Depth (inc Remarks: no ODROLOG Wetland Hy Primary Indi	b hydric soil indicator GY rdrology Indicators cators (minimum of	:	; check all that apply)			ondary Indicators (2 or more require Vater Marks (B1) (Riverine)
Depth (inc demarks: no DROLOG Wetland Hy Primary India Surface	o hydric soil indicator GY rdrology Indicators cators (minimum of o	:	Salt Crust (B11)			ondary Indicators (2 or more require Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Depth (inc Remarks: no Primary India Surface High W.	or hydric soil indicators ordrology Indicators cators (minimum of order (A1) ater Table (A2)	:	Salt Crust (B11) Biotic Crust (B12)		Seco V S	ondary Indicators (2 or more require Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine)
Depth (inc Remarks: no Primary Indi Surface High W.	or hydric soil indicators or drology Indicators cators (minimum of or Water (A1) ater Table (A2) on (A3)	: one required	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B1	3)	Second S	ondary Indicators (2 or more require Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10)
Depth (inc Remarks: no Primary Ind Surface High W. Saturati Water M	o hydric soil indicators ordrology Indicators cators (minimum of orwater (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver	: one required	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B1 Hydrogen Sulfide Odor (C	3)	Seco 	ondary Indicators (2 or more required Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2)
Primary Indi Surface High W. Saturati Water M. Sedime	or hydric soil indicators or drology Indicators cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (No	: one required rine) onriverine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B1 Hydrogen Sulfide Odor (C Oxidized Rhizospheres a	3) C1) Jong Living Roc	Seco 	Pondary Indicators (2 or more required Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7)
Primary Indi Surface High W. Saturati Water M. Sedime Drift De	or hydric soil indicators or drology Indicators cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (No	: one required rine) onriverine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B1 Hydrogen Sulfide Odor (C Oxidized Rhizospheres a Presence of Reduced Iron	3) C1) long Living Roc n (C4)	Secondary V	Ondary Indicators (2 or more required Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Originage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Orayfish Burrows (C8)
Primary Indi Surface High W Saturati Water N Sedime Drift De X Surface	or hydric soil indicators or drology Indicators cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver int Deposits (B2) (No posits (B3) (Nonriver Soil Cracks (B6)	: one required rine) onriverine) orine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B1 Hydrogen Sulfide Odor (C Oxidized Rhizospheres a Presence of Reduced Iron Recent Iron Reduction in	3) C1) long Living Roc n (C4)	Second Se	Ondary Indicators (2 or more required Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Originage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Orayfish Burrows (C8) Saturation Visible on Aerial Imagery (C
COROLOG Wetland Hy Primary Indi Surface High W Saturati Water N Sedime Drift De X Surface Inundat	rdrology Indicators cators (minimum of a Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver int Deposits (B2) (No posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial	: one required rine) onriverine) orine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B1 Hydrogen Sulfide Odor (C Oxidized Rhizospheres a Presence of Reduced Iron Recent Iron Reduction in Thin Muck Surface (C7)	3) C1) long Living Roo n (C4) Tilled Soils (C6	Seco 	ondary Indicators (2 or more require Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C6) Shallow Aquitard (D3)
Primary Indi Surface High W. Saturati Water M. Sedime Drift De X. Surface Inundat Water-S	or hydric soil indicators of the variation of the variati	: one required rine) onriverine) orine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B1 Hydrogen Sulfide Odor (C Oxidized Rhizospheres a Presence of Reduced Iron Recent Iron Reduction in	3) C1) long Living Roo n (C4) Tilled Soils (C6	Seco 	Ondary Indicators (2 or more required Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Originage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Orayfish Burrows (C8) Saturation Visible on Aerial Imagery (C
YDROLOG Wetland Hy Primary Indi Surface High W Saturati Water M Sedime Drift De X Surface Inundat Water-S	or hydric soil indicators of the desired soil indicators of the desired soil indicators of the desired soil cater (A1) atter Table (A2) on (A3) Marks (B1) (Nonriver the desired soil Cracks (B6) in Visible on Aerial Stained Leaves (B9) ovations:	: one required rine) onriverine) orine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B1 Hydrogen Sulfide Odor (C Oxidized Rhizospheres a Presence of Reduced Iron Recent Iron Reduction in Thin Muck Surface (C7) Other (Explain in Remark	3) C1) long Living Roo n (C4) Tilled Soils (C6	Seco 	ondary Indicators (2 or more require Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C6) Shallow Aquitard (D3)
YDROLOG Wetland Hy Primary Indi Surface High W Saturati Water N Sedime Drift De X Surface Inundat Water-S	o hydric soil indicators of hydric soil indicators of drology Indicators cators (minimum of of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (No posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present?	: pine required rine) priverine) rine) Imagery (B7)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B1 Hydrogen Sulfide Odor (C Oxidized Rhizospheres a Presence of Reduced Iron Recent Iron Reduction in Thin Muck Surface (C7) Other (Explain in Remark	3) C1) long Living Roo n (C4) Tilled Soils (C6	Seco 	ondary Indicators (2 or more require Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C6) Shallow Aquitard (D3)
CONTROLOGY Wetland Hy Primary Indi Surface High W Saturati Water N Sedime Drift De X Surface Inundat Water-S Gield Obser Surface Wat Vater Table	o hydric soil indicator of hydric soil indicator of hydric soil indicators of drology Indicators cators (minimum of a Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present?	: cine) crine) crine) crine) dimagery (B7) fees	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B1 Hydrogen Sulfide Odor (C Oxidized Rhizospheres a Presence of Reduced Iron Recent Iron Reduction in Thin Muck Surface (C7) Other (Explain in Remark No X Depth (inches): No X Depth (inches):	3) C1) long Living Roon n (C4) Tilled Soils (C6	Seco 	ondary Indicators (2 or more require Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C6) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indi Surface High W. Saturati Water N. Sedime Drift De X. Surface Inundat Water-Seurface Water Vater Table Saturation P	o hydric soil indicator o hydric soil indicator of hydric soil indicators of drology Indicators cators (minimum of a Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (No posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present?	: cine) crine) crine) crine) dimagery (B7) fees	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B1 Hydrogen Sulfide Odor (C Oxidized Rhizospheres a Presence of Reduced Iron Recent Iron Reduction in Thin Muck Surface (C7) Other (Explain in Remark	3) C1) long Living Roon n (C4) Tilled Soils (C6	Seco 	ondary Indicators (2 or more require Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C6) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indi Surface High W. Saturati Water N. Sedime Drift De X. Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P includes cal	or hydric soil indicators of hydric soil indicators of the variable (A2) on (A3) Marks (B1) (Nonriversity (B3) (Nonriversity (B3) (Nonriversity (B4) (Nonriversity (B	cine) cine) crine) crine) crine) driagery (B7) crine) driagery (B7) crine	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B1 Hydrogen Sulfide Odor (C Oxidized Rhizospheres a Presence of Reduced Iron Recent Iron Reduction in Thin Muck Surface (C7) Other (Explain in Remark No X Depth (inches): No X Depth (inches):	3) C1) long Living Room n (C4) Tilled Soils (C6 s) Wetlan	Secco V Secco Secc	ondary Indicators (2 or more require Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C6) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indi Surface High W. Saturati Water N. Sedime Drift De X. Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P includes cal	or hydric soil indicators of hydric soil indicators of the variable (A2) on (A3) Marks (B1) (Nonriversity (B3) (Nonriversity (B3) (Nonriversity (B4) (Nonriversity (B	cine) cine) crine) crine) crine) driagery (B7) crine) driagery (B7) crine	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B1 Hydrogen Sulfide Odor (C Oxidized Rhizospheres a Presence of Reduced Iron Recent Iron Reduction in Thin Muck Surface (C7) Other (Explain in Remark No X Depth (inches): No X Depth (inches):	3) C1) long Living Room n (C4) Tilled Soils (C6 s) Wetlan	Secco V Secco Secc	ondary Indicators (2 or more require Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C6) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indi Surface High W. Saturati Water N. Sedime Drift De X. Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P includes cal	or hydric soil indicators of hydric soil indicators of the variable (A2) on (A3) Marks (B1) (Nonriversity (B3) (Nonriversity (B3) (Nonriversity (B4) (Nonriversity (B	cine) cine) crine) crine) crine) driagery (B7) crine) driagery (B7) crine	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B1 Hydrogen Sulfide Odor (C Oxidized Rhizospheres a Presence of Reduced Iron Recent Iron Reduction in Thin Muck Surface (C7) Other (Explain in Remark No X Depth (inches): No X Depth (inches):	3) C1) long Living Room n (C4) Tilled Soils (C6 s) Wetlan	Secco V Secco Secc	ondary Indicators (2 or more require Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C6) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indi Surface High W. Saturati Water N. Sedime Drift De X. Surface Inundat Water-Seurface Water Field Obser Surface Water Table Saturation Princludes car escribe Rece	o hydric soil indicator or hydric soil indicators or drology Indicators cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (No posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present? present? orded Data (stream of	: cone required cine) crine) crine) Imagery (B7) ces ces cycs gauge, monit	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B1 Hydrogen Sulfide Odor (C Oxidized Rhizospheres a Presence of Reduced Iron Recent Iron Reduction in Thin Muck Surface (C7) Other (Explain in Remark No X Depth (inches): No X Depth (inches): Toring well, aerial photos, previous in	3) C1) long Living Roon n (C4) Tilled Soils (C6 s) Wetlan nspections), if a	Second V Second Second V Second Se	ondary Indicators (2 or more require Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C6) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Indi Surface High Water N Sedime Drift De X Surface Inundat Water-S Field Obser Surface Water Table Saturation P includes cap escribe Rec	o hydric soil indicator or hydric soil indicators or drology Indicators cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (No posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present? present? orded Data (stream of	: cone required cine) crine) crine) Imagery (B7) ces ces cycs gauge, monit	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B1 Hydrogen Sulfide Odor (C Oxidized Rhizospheres a Presence of Reduced Iron Recent Iron Reduction in Thin Muck Surface (C7) Other (Explain in Remark No X Depth (inches): No X Depth (inches): Toring well, aerial photos, previous in	3) C1) long Living Roon n (C4) Tilled Soils (C6 s) Wetlan nspections), if a	Second V Second Second V Second Se	Present? Yes X No

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Diego	0	_Sampling Date:	2/9/2022
Applicant/Owner: Tri Pointe Homes				State: CA	_Sampling Point	395
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	ange: Section 31, T18S I	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave	Slo	pe (%): 0-2
Subregion (LRR): C-Mediterranean California	Lat: 3	 32.547932		Long: -117.018973	 Datu	m: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30 pe				NWI classification	on: none	
Are climatic / hydrologic conditions on the site typical for			X No	(If no. explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstance		s X No
Are Vegetation, Soil, or Hydrology				If needed, explain any an		
				· · · · · · · · · · · · · · · · · · ·		
SUMMARY OF FINDINGS – Attach site map sh	owing sa	mpling poi	nt locations	s, transects, importan	t features, etc	
Hydrophytic Vegetation Present? Yes	No X					
	No X	is u	ne Sampled	YAC	X No X	(
	No	— witr	nin a Wetland	a? —		
Remarks: The majority of the vegetation on the site has	s heen disti	irhed due to	nast land use	s. This feature was sample	ed during the arc	owing season and
does not meet the wetland criteria.	s been dist	arbed due to	past land use	s. This leature was sample	ed during the git	Willig Season and
VEGETATION – Use scientific names of plants						
Tana Chartura (Diataina)	Absolute	Dominant	Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Sp		0 (4)
				That Are OBL, FACW, o		<u>0</u> (A)
3				Total Number of Domina Species Across All Stra		0 (B)
				Percent of Dominant Sp		0(B)
4.		= Total Cove		That Are OBL, FACW, o		0 (A/B)
Sapling/Shrub Stratum (Plot size:)		- Total Cove	5 1			
1. none				Prevalence Index worl	ksheet:	
2				Total % Cover of:		ply by:
3				OBL species 0	x 1 =	0
				FACW species 1	x 2 =	2
5.				FAC species 0	x 3 =	0
		= Total Cove	er	FACU species 3	x 4 =	12
Herb Stratum (Plot size:				UPL species 0	x 5 =	0
1. Spergularia bocconi	1	N	FACW	Column Totals: 4	(A)	14 (B)
2. Medicago polymorpha	1	N	FACU	Provolence Indo	v - D/A - 2 5	
3. Erodium botrys	1	N	FACU	Prevalence Inde	X - B/A - <u>3.3</u>	
4. Psilocarphus brevissimus	1	N	FACU	Hydrophytic Vegetation	n Indicators:	
5.				Dominance Test	is >50%	
6.				X Prevalence Index	is ≤3.0¹	
7.				Morphological Ad	aptations¹ (Provi	ide supporting
8.				data in Remar	ks or on a separ	ate sheet)
	4	= Total Cov	/er	Problematic Hydr	ophytic Vegetation	on¹ (Explain)
Woody Vine Stratum (Plot size:)						
1. none				¹ Indicators of hydric so		
2				be present, unless dist	urbed or problen	natic.
		= Total Cove	er	Hydrophytic		
9/ Para Craund in Harb Stratum 9/ Co.	or of Diotio	Cruet		Vegetation Yesent?	00 N	. V
	er of Biotic	-			esN	
Remarks: Sample area is a vernal pool that receives rur of hydrophytic vegetation. It does support one vernal poor					ool does not cons	sist predominately
or mystophysic vegetation. It does support one verifal pot	or brank man	cator apooles	(1 Shooarpriu	o stovioditiudj.		

	cription: (Describe to	the depth nee				confirm t	the absence	of indicato	rs.)	
Depth	Matrix			edox Featu						
(inches)	Color (moist)		olor (moist)	%	Type ¹	Loc ²	Texture	<u> </u>	Remar	KS
							_			_
· ——							-			
							_			
¹ Type: C=Co	ncentration, D=Depletion	n, RM=Reduced Ma	atrix, CS=Covere	ed or Coated	Sand Grains	s. ²	Location: PL=F	ore Lining, R	C=Root Channel,	M=Matrix.
Hydric Soil	Indicators: (Application	able to all LRRs	s, unless othe	rwise noted	d.)		Indicator	s for Prob	lematic Hydric	Soils³:
Histoso	l (A1)		Sandy	Redox (S5)			1 cm	Muck (A9)	(LRR C)	
Histic E	pipedon (A2)		Strippe	d Matrix (S6	3)		2 cm	Muck (A10) (LRR B)	
Black H	listic (A3)		Loamy	Mucky Mine	eral (F1)		Redu	iced Vertic	(F18)	
Hydroge	en Sulfide (A4)		Loamy	Gleyed Mat	trix (F2)		Red	Parent Mate	erial (TF2)	
Stratifie	d Layers (A5) (LRR (C)	Deplete	ed Matrix (F	3)		Othe	r (Explain ir	n Remarks)	
1 cm M	uck (A9) (LRR D)			Dark Surfac	` '					
Deplete	d Below Dark Surfac	e (A11)	Deplete	ed Dark Sur	face (F7)					
Thick D	ark Surface (A12)		Redox	Depression	s (F8)		³ Indicator	s of hydrop	hytic vegetation	and
Sandy I	Mucky Mineral (S1)		Vernal	Pools (F9)			wetla	nd hydrolog	y must be prese	ent,
Sandy 0	Gleyed Matrix (S4)						unles	s disturbed	or problematic.	
Restrictive	Layer (if present):									
Type:	, , ,									
Depth (inc	:hes):	_					Hydric Soil F	Present?	Yes	No X
							,			
	he sampled area is u			the hydrop	nytic veget	ation star	ndard to be co	onsidered a	wetland. There	fore, no soil pit
was dug and	d hydric soils are not o	considered to be	present.							
HYDROLO	GY									
Wetland Hy	ydrology Indicators:						<u>s</u>	econdary I	ndicators (2 or	more required)
Primary Ind	icators (minimum of o	one required; che	eck all that app	ly)				_ Water Ma	arks (B1) (River	ine)
Surface	e Water (A1)		Salt Cru	st (B11)				Sedimen	t Deposits (B2)	(Riverine)
High W	ater Table (A2)		X Biotic Cr					Drift Dep	osits (B3) (Rive	rine)
Saturat	ion (A3)			Invertebrate	es (B13)				Patterns (B10)	,
	Marks (B1) (Nonriver	ine)		n Sulfide O	, ,				son Water Table	(C2)
l —	ent Deposits (B2) (No			l Rhizosphe		Living Ro			ck Surface (C7)	(02)
l —	eposits (B3) (Nonrive	•		e of Reduce	_	-			Burrows (C8)	
		ille)			-	•		_	, ,	ial Imagan, (CO)
ı —	Soil Cracks (B6)	(D7)		ron Reducti		i Solis (C	· ^o) —			ial Imagery (C9)
l ——	tion Visible on Aerial I	magery (B7)		ck Surface			_		Aquitard (D3)	
X Water-S	Stained Leaves (B9)		Other (E	xplain in Re	emarks)		_	FAC-Neu	utral Test (D5)	
Field Obser	vations:									
Surface Wat	ter Present? Y	es No	X Depth (inc	ches):						
Water Table			X Depth (inc			_				
Saturation P			X Depth (inc			— Wetla	and Hydrolog	v Present	? Yes X	No
	pillary fringe)					-		,,		
	corded Data (stream	gauge, monitorin	g well, aerial p	hotos, previ	ious inspec	ctions), if	available:			
	, ,			•	·	,.				
Remarks: Alf	though no surface wa	iter was present	at the time of t	he delineati	on, eviden	ce of surf	face soil cracl	ks, biotic cru	ust, and water-st	rained leaves
indicate that t	he area supports wet	tland hydrology.	Water table le	el and satu	ration are	not know	n as a soil pit	was not du	g.	

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: March 19, 2018			
Applicant/Owner: Pardee Homes			State: CA Sampling Point: 396-WET				
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	Range: Section 31, T18S R01W			
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	, convex, none): concave Slope (%): 0-2			
Subregion (LRR): LRR-C	Lat:	32.55		Long: -117.02 Datum: NAD83			
Soil Map Unit Name: Olivenhain cobbly loam, 9-30%				NWI classification: None			
		this time of year? Yes X No (If no, explain in Remarks.)					
				Are "Normal Circumstances" present? Yes X No			
				(If needed, explain any answers in Remarks.)			
SUMMARY OF FINDINGS – Attach site map	showing sa	mpling poir	nt location	s, transects, important features, etc.			
Hydrophytic Vegetation Present? Yes X	No						
Hydric Soil Present? Yes X	No		ne Sampled	YAS X NO			
Wetland Hydrology Present? Yes X	No	— with	nin a Wetlan	u:			
Remarks: The majority of the vegetation on the site	has been dist	urbed due to i	nast land use	es. This feature meets the wetland criteria and is adjacent to			
VPHCP2336 and shares a hydrologic connection.	ilas been dist	uibea aue to j	past larid usc	.s. This leature meets the wettaria officina and is adjacent to			
VEGETATION – Use scientific names of plan	ts.						
Trac Stratum (Plot size:	Absolute	Dominant Species?	Indicator	Dominance Test worksheet:			
Tree Stratum (Plot size:) 1. Tamarix ramossisima	<u>% Cover</u> 60	Species? Yes	Status FAC	Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)			
				, , ,			
3				Total Number of Dominant Species Across All Strata: 4 (B)			
				Percent of Dominant Species			
T	60	= Total Cove		That Are OBL, FACW, or FAC: 75% (A/B)			
Sapling/Shrub Stratum (Plot size:)	rotal Gove					
1. Baccharis salicifolia	5	Yes	FAC	Prevalence Index worksheet:			
2. Tamarix ramossisima	 5	Yes	FAC	Total % Cover of: Multiply by:			
3.				OBL species x 1 =			
4.				FACW species x 2 =			
5.				FAC species x 3 =			
	10	= Total Cove	er	FACU species x 4 =			
Herb Stratum (Plot size:)				UPL species x 5 =			
1. Phalaris minor	25	Yes	FAC	Column Totals: (A)(B)			
2. Rumex crispus	5	No	FAC	Prevalence Index = B/A =			
3. Bromus rubens	15	Yes	UPL	<u> </u>			
4. Melilotus indicus	10	No	FACU	Hydrophytic Vegetation Indicators:			
5				X Dominance Test is >50%			
6				Prevalence Index is ≤3.0¹			
7				Morphological Adaptations¹ (Provide supporting			
8				data in Remarks or on a separate sheet)			
	55	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)			
Woody Vine Stratum (Plot size:)						
1				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.			
2				be present, unless disturbed of problematic.			
	0	= Total Cove	er	Hydrophytic			
% Bare Ground in Herb Stratum % C	over of Biotic	: Crust	0	Vegetation Present? Yes X No			
				ned FAC indicator. The vegeetation passess the dominance			
test and is hydrophytic.	ออเบเเอ/welidN	iu iii iocal regi	ori, so assigr	ied i Ao indicator. The vegeetation passess the dominance			

SOIL Sampling Point: 396-WET

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ires				-	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	e	Remarks	
0-10	10YR 4/1	99	7.5YR 4/4	1		PL/M	sandy clay			
10-18	10YR 4/2	100				-	sand			
10-10	10111 4/2						- Sallu			
	-									
							_			
	ncentration, D=Depletion					s. ²			=Root Channel, M=	
Hydric Soil	Indicators: (Applica	ble to all	LRRs, unless other	wise note	d.)		Indicato	rs for Proble	matic Hydric So	ils³:
Histosol	` '			Redox (S5)				n Muck (A9) (I	•	
	pipedon (A2)			Matrix (S	,			n Muck (A10)		
	istic (A3)			Mucky Min				uced Vertic (F		
	en Sulfide (A4)	•\		Sleyed Ma				Parent Mater		
	d Layers (A5) (LRR C	•)	X Depleted	•	,		Othe	er (Explain in I	remarks)	
	uck (A9) (LRR D) d Below Dark Surface	Δ(Δ11)		ark Surfa d Dark Sur	` '					
	d Беюw Dark Surface ark Surface (А12)	(711)		ם טמוג Sui Depression)	, ,		3Indicato	rs of hydronh	ytic vegetation an	d
	Mucky Mineral (S1)			Pools (F9)	.5 (1 0)				must be present,	
	Gleyed Matrix (S4)			35.5 (1 0)				ss disturbed o		
	Layer (if present):									
Type:	hoo):						Lludria Call	Drogont?	Voc. V	No
Depth (inc	nes):		<u> </u>				Hydric Soil	rresent?	Yes X	No
HYDROLOG	2V									
								`aaandan, la	diagtara (2 ar m	
_	/drology Indicators:		d. abaalaall that aww.				<u>5</u>		dicators (2 or mo	
	icators (minimum of c	ne require	• • • • • • • • • • • • • • • • • • • •	,					ks (B1) (Riverine	· ·
	Water (A1)		Salt Crus				_		Deposits (B2) (Ri	-
	ater Table (A2)		Biotic Cru	. ,	(5.40)		_		sits (B3) (Riverin	⊖)
Saturati	` '			nvertebrate	, ,		_	_	Patterns (B10)	۵)
	Marks (B1) (Nonriver	-		Sulfide C					n Water Table (C	2)
	nt Deposits (B2) (No	-	X Oxidized	•	-	•	ots (C3) _		Surface (C7)	
	posits (B3) (Nonrive	rine)			ed Iron (C	-	_		urrows (C8)	
	Soil Cracks (B6)				tion in Tille	d Soils (C	⁶⁾ –		Visible on Aerial	Imagery (C9)
	ion Visible on Aerial I	magery (B	<i>'</i>				_		quitard (D3)	
Water-S	Stained Leaves (B9)		Other (Ex	plain in R	emarks)		_	FAC-Neutr	al Test (D5)	
Field Obser	vations:									
Surface Wat	er Present? Y	es	No X Depth (incl	nes):						
Water Table	Present? Y	es	No X Depth (incl	hes):						
Saturation P	resent? Y	es	No X Depth (incl	nes):		Wetla	and Hydrolo	gy Present?	Yes X	No
(includes car	oillary fringe)									
Describe Rec	orded Data (stream g	auge, mor	nitoring well, aerial ph	otos, prev	ious inspe	ctions), if a	available: n/a	a		
Remarks: Wa	ater marks obscured	ov litter und	der tamarisk but over	all strong	wetland hv	drology in	dicators.			
		,		9		3,				
	· · · · · · · · · · · · · · · · · · ·									

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA	Sampling Date: April 11, 2019
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: P1
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S F	R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.552192		Long: -117.014041	Datum: NAD83
Soil Map Unit Name: Olivenhain cobby loam, 30 to 50				NWI classification	on: None
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology				· <u>·</u> ··································	
Are Vegetation Soil X, or Hydrology					
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poli	nt locations	s, transects, important	t teatures, etc.
Hydrophytic Vegetation Present? Yes X	_No	_ 1-41	0 11	A	
Hydric Soil Present? Yes X	No		he Sampled hin a Wetlan	YAC)	K No
Wetland Hydrology Present? Yes X	No	_ ****	iii a wodan	u.	
Remarks: The majority of the vegetation on the site ha	as been disti	urbed due to	past land use	es. This feature was sample	ed during the growing season and
meets the wetland criteria.		'	•	,	3 3 3
VEGETATION – Use scientific names of plants					
Tree Stratum (Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works	
1. none	70 00101			Number of Dominant Sp That Are OBL, FACW, o	
2.				Total Number of Domina	
3.				Species Across All Strat	
4.				Percent of Dominant Sp	ecies
		= Total Cove	er	That Are OBL, FACW, o	or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index work	sheet:
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	
5				FAC species	
Hart Otration (District		= Total Cove	er	FACU species	<u> </u>
Herb Stratum (Plot size:)	4	N	EA 0\A/	UPL species	x 5 =
1. Juncus bufonius	1	N	FACW	Column Totals:	(B)
2. Festuca perennis	2	Y	FAC	Prevalence Index	x = B/A =
3. Hordeum depressum	1		FACW	Undra phytia Vagatatia	n Indicatoro
4. Psilocarphus brevissimus 5.		N	FACW_	Hydrophytic Vegetatio	
				X Dominance Test in Prevalence Index	
7					aptations ¹ (Provide supporting
8.					ks or on a separate sheet)
o	34	= Total Cov			ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:		rotal col		i iobiematic riyuk	opriyiic vegetation (Explain)
1 none				¹ Indicators of hydric soi	il and wetland hydrology must
				be present, unless distr	
		= Total Cove	 er	Hydrophytic	
				Vegetation	
% Bare Ground in Herb Stratum66 % Co	ver of Biotic	Crust		Present? Ye	es X No
Remarks: Sample area is a vernal pool that receives ru					
predominately of hydrophytic vegetation, it does suppor	t one vernal	pool plant in	dicator specie	es (Psilocarphus brevissim	us). Leaf litter is present in basin.

SOIL Sampling Point: P1

Depth	Matri		th needed to docum Re	edox Feat				,		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks		
0-3	10YR 3/1	97	7.5YR 3/8	3	С	RC/M	clay	root channels and matrix redox		
4-7	7.5YR 4/3	100			· · · · · · · · · · · · · · · · · · ·		sandy clay			
8-18	7.5YR 4/4	90	5YR 3/8	10	С	М	sandy clay	high amount of cobble		
			-				_			
			-							
1 _{Type: C=C}		tion DM-Dad	uced Matrix, CS=Covere	d or Coated		2	Placetion: DL=F	Pore Lining, RC=Root Channel, M=Matrix.		
			LRRs, unless other			S.		rs for Problematic Hydric Soils ³ :		
Histos	`	nouble to ul	•	Redox (S5	•			Muck (A9) (LRR C)		
	Epipedon (A2)			d Matrix (S	•			Muck (A10) (LRR B)		
Black I	Histic (A3)		Loamy	Mucky Mir	neral (F1)		Redu	uced Vertic (F18)		
Hydrog	gen Sulfide (A4)		Loamy	Gleyed Ma	atrix (F2)			Parent Material (TF2)		
	ed Layers (A5) (LR	RC)		d Matrix (F	,		X Othe	r (Explain in Remarks)		
	/luck (A9) (LRR D)			Dark Surfa	` '					
	ed Below Dark Sur			d Dark Su	, ,		31 11 4			
	Dark Surface (A12)			Depression				rs of hydrophytic vegetation and		
^	Mucky Mineral (S1 Gleyed Matrix (S4)	,	vernari	Pools (F9)				nd hydrology must be present, s disturbed or problematic.		
	Layer (if present)							·		
Type:										
Depth (in	ches).						Hydric Soil F	Present? Yes X No		
caused dist	turbance.	lack flyulic s	son indicators due to	miled Salt	лапон чер	ii, saiiie (conditions, or	other factors, which may include human-		
								accordent Indicators (2 or more required)		
	lydrology Indicato		ad: abook all that ann	lv)			<u>s</u>	econdary Indicators (2 or more required)		
	`	or one requir	ed; check all that app	• /				Water Marks (B1) (Riverine)		
	e Water (A1)		Salt Crus	. ,			_	Sediment Deposits (B2) (Riverine)		
	Vater Table (A2)		Biotic Cr		(D40)		_	Drift Deposits (B3) (Riverine)		
	ation (A3)		X Aquatic I		, ,		_	Drainage Patterns (B10)		
	Marks (B1) (Nonri	•		n Sulfide (Livina Do		Dry-Season Water Table (C2)		
_	ent Deposits (B2) (eres along	_	OIS (C3) _	Thin Muck Surface (C7)		
	eposits (B3) (Nonr i	iverine)			ced Iron (C4		-	Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)		
	e Soil Cracks (B6) ation Visible on Aeri	ial Imagan, (I		ck Surface	tion in Tille	u Solis (C	<u> </u>	Shallow Aguitard (D3)		
	Stained Leaves (B		· —	xplain in R	` '		_	Shallow Aquitard (D3) FAC-Neutral Test (D5)		
Field Obse	ervations:									
Surface Wa	ater Present?	Yes	No X Depth (inc	:hes):						
Water Table	e Present?	Yes	No X Depth (inc	hes):						
Saturation I	Present? apillary fringe)	Yes	No X Depth (inc	hes):		Wetla	and Hydrolog	gy Present? Yes X No		
		m gauge mo	onitoring well, aerial pl	notos, nrev	/ious insne	ctions) if	available n/s			
_ 5551,650 1 (6	25.404 Daid (01104	gaago, m		.5100, pro		5.101.10 _j , 11	a.a.a.a	-		
						_				
				ne delinea	tion, the pre	esence of	surface soil of	cracks and San Diego fairy shrimp indicate		
uiat trie area	ponds water and s	supports weti	and nydrology.							

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA	Sampling Date: April 11, 2019
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: P2
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S F	R01W
Landform (hillslope, terrace, etc.): mesa top		 Local rel	ief (concave,	convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	 32.552209	•	Long: -117.013946	Datum: NAD83
Soil Map Unit Name: Olivenhain cobby loam, 30 to 50				NWI classification	on: None
Are climatic / hydrologic conditions on the site typical for				(If no. explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology _					
Are Vegetation , Soil , or Hydrology _					
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poir	nt locations	s, transects, importan	t features, etc.
Hydrophytic Vegetation Present? Yes	No X				
Hydric Soil Present? Yes	No X	is u	ne Sampled . nin a Wetland	YAC	No X
Wetland Hydrology Present? Yes X	No	witi	iii a vveudii	u r —	
Remarks: The majority of the vegetation on the site ha	as been distu	urbed due to i	past land use	s. This feature was sample	ed during the growing season and
does not meet the wetland criteria.			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	or real control real control	ya aamig are gronnig coacon ama
VEGETATION – Use scientific names of plants		.	1 12 4	Demiliare Test consider	-h4.
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works	
1. none	70 0010.			Number of Dominant Sp That Are OBL, FACW, o	
2.				Total Number of Domina	, ,
3.				Species Across All Strat	
4.				Percent of Dominant Sp	ecies
		= Total Cove	er	That Are OBL, FACW, o	or FAC:(A/B)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index work	sheet:
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	
5				FAC species	
Hart Otrating (District		= Total Cove	er	FACU species	
Herb Stratum (Plot size:)	4	NI.	EAC\A(UPL species	x 5 =(P)
1. Psilocarphus brevissimus	1	N	FACW	Column Totals:	(A)(B)
2. Festuca perennis 3.	2	N	FAC	Prevalence Inde	x = B/A =
				Hydrophytic Vegetatio	n Indicators
4. 5.				Hydrophytic Vegetatio	
6				Dominance Test i Prevalence Index	
7					aptations ¹ (Provide supporting
8.					ks or on a separate sheet)
	3	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				Troblemate riyan	spriyao vogotaaori (Explairi)
1none				¹ Indicators of hydric so	il and wetland hydrology must
2.				be present, unless distr	urbed or problematic.
		= Total Cove	er	Hydrophytic	
				Vegetation	
	ver of Biotic			Present? Ye	
Remarks: Sample area is a vernal pool that receives ru					
vegetation cover insufficient (less than 5%) to be considerevissimus)	erea hydrop	onytic. It does	support one	vernal pool plant indicator	species (Psilocarphus
,					

SOIL Sampling Point: P2

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ıres		_		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks
¹ Type: C=Con	centration, D=Depletion,	RM=Reduced	Matrix. CS=Covered	or Coated	Sand Grains	s. ² l	Location: PL=P	ore Lining, RC=Root	Channel, M=Matrix.
Hydric Soil	Indicators: (Applica	ble to all I R	Rs unless others	vise note	d)			s for Problematic	
=		Dio to all Elt							•
Histosol	` '			edox (S5)				Muck (A9) (LRR C	•
	oipedon (A2)			Matrix (S	-			Muck (A10) (LRR	D)
Black Hi	, ,			Aucky Min				ced Vertic (F18)	-0)
	n Sulfide (A4)			Sleyed Ma				Parent Material (TF	•
	Layers (A5) (LRR C)		l Matrix (F	,		Other	(Explain in Rema	rks)
	ck (A9) (LRR D)			ark Surfa	` '				
	l Below Dark Surface	(A11)			rface (F7)				
	ark Surface (A12)			epressior	ıs (F8)			s of hydrophytic ve	
	lucky Mineral (S1)		Vernal P	ools (F9)				nd hydrology must	•
Sandy G	leyed Matrix (S4)						unless	s disturbed or prob	lematic.
Restrictive I	.ayer (if present):								
Type:	ayor (ii procont).								
	\		_				Libratuia Cail D),,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Na V
Depth (inch	nes):		_				Hydric Soil P	resent? Yes	No_X_
HYDROLOG	Υ								
Wetland Hy	drology Indicators:						Se	econdary Indicato	ors (2 or more required)
-	cators (minimum of o	ne required: o	check all that apply	/)				Water Marks (B1	
	•	no roquirou, c							, ,
	Water (A1)		Salt Crust	-					sits (B2) (Riverine)
<u> </u>	ater Table (A2)		X Biotic Cru	` '				_ Drift Deposits (B	
Saturation	` '		X Aquatic In		, ,			_ Drainage Patterr	' '
Water M	larks (B1) (Nonriveri	ne)	Hydrogen	Sulfide C	odor (C1)			_Dry-Season Wat	er Table (C2)
Sedimer	nt Deposits (B2) (Non	riverine)	Oxidized I	Rhizosphe	eres along	Living Roo	ots (C3)	_Thin Muck Surfa	ce (C7)
Drift Dep	oosits (B3) (Nonriver	ine)	Presence	of Reduc	ed Iron (C4	!)		Crayfish Burrows	s (C8)
	Soil Cracks (B6)	•	Recent Iro	on Reduct	tion in Tilled	d Soils (C6		_	e on Aerial Imagery (C9)
	on Visible on Aerial Ir	magery (B7)	Thin Muck			(– Shallow Aquitard	=
	tained Leaves (B9)	nagery (Br)	Other (Ex		` '		-	FAC-Neutral Tes	` '
Water-o	tailled Leaves (D3)		Other (EX	piairiiri	emarks)		·	_ I AO-Neutiai Tes	st (D3)
Field Observ	ations:								
Surface Water	er Present? Ye	esNo	o X Depth (inch	nes):		_			
Water Table	Present? Ye	esNo	o X Depth (inch	nes):		_			
Saturation Pr	esent? Ye	es No	X Depth (inch	nes):		— Wetla	nd Hydrolog	v Present? Ye	es X No
(includes cap				′ —		_ ```	, , , , ,		
Describe Reco	orded Data (stream g	auge, monito	ring well, aerial ph	otos, prev	ious inspec	ctions), if a	available: n/a	ı	
	, 0	0 /	0 / 1	, ,		,,			
Remarks: Alth	nough no surface wat	er was prese	nt at the time of th	e delineat	ion, the pre	esence of	surface soil c	racks and San Die	go fairy shrimp indicate
	onds water and supp								
								•	-

Project/Site: Southwest Village Specific Plan		City/Coun	nty: <u>San Dieg</u>	o, CA Sampling Date: April 11, 2019
Applicant/Owner: Pardee Homes				State: CA Sampling Point: P3/VPHCP 264
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.552459		Long: -117.012979 Datum: NAD83
Soil Map Unit Name: Olivenhain cobby loam, 30 to 50				NWI classification: Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology	signifi	icantly disturb	ed? Yes	Are "Normal Circumstances" present? Yes X No
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	lowing Sai	inping pon	iii iocationi	s, transects, important leatures, etc.
Hydrophytic Vegetation Present? Yes X	_No	_	aa Cammiad	Avec
Hydric Soil Present? Yes X	No		he Sampled nin a Wetlan	YAS X NO
Wetland Hydrology Present? Yes X	No	_		
Remarks: The majority of the vegetation on the site ha	ıs been distı	urbed due to	past land use	es. This feature was sampled during the growing season and
meets the wetland criteria.				
VEGETATION – Use scientific names of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species
1. none				That Are OBL, FACW, or FAC: 1 (A)
2.				Total Number of Dominant
3				Species Across All Strata:1 (B)
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)
		= Total Cove	er	That Are OBE, I ACW, OF AC(IVD)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species x 1 =
4				FACW species x 2 = FAC species x 3 =
5		= Total Cove		FAC species
Herb Stratum (Plot size:)		- Total Cove	3 1	UPL species x 5 =
1. Lilaea scilloides	1	N	OBL	Column Totals: (A) (B)
2. Psilocarphus brevissimus	1	N	FACW	
3. Festuca perennis	10	Y	FAC	Prevalence Index = B/A =
4. Juncus bufonius	1	N	FACW	Hydrophytic Vegetation Indicators:
5. Hordeum intercedens	1	N	FAC	X Dominance Test is >50%
6. Hordeum depressum	1	N	FACW	Prevalence Index is ≤3.0¹
7.				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	15	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				
1. none				¹ Indicators of hydric soil and wetland hydrology must
2				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 85 % Co	ver of Biotic	Cruet		Vegetation Present? Yes X No
Remarks: Sample area is a vernal pool that receives ru				p-watershed. In addition to the vernal pool consisting es (Psilocarphus brevissimus and Lilaea scilloides). Leaf litter
is present in basin.	voiridi	Poor Plant III	Jacor opcore	C. Sarpina Sievissimas and Enasa somotios). Esti litter

Depth	Matrix	•	Re	dox Featu	ıres			,		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks		
0-3	10YR 4/2	97	7.5YR 4/4	3	С	RC	clay			
3-14	10YR 4/3	100					clay			
	.5110 110				· —— -					
							-			
1						2	 			
	ncentration, D=Depletion					S. ²		re Lining, RC=Root Channel, M=Matrix.		
-	Indicators: (Applica	ible to all L						for Problematic Hydric Soils ³ :		
Histosol				edox (S5				Muck (A9) (LRR C)		
	pipedon (A2) istic (A3)			Matrix (S lucky Min	,			Muck (A10) (LRR B) ed Vertic (F18)		
	en Sulfide (A4)			Bleyed Ma				arent Material (TF2)		
	d Layers (A5) (LRR C	:)	X Depleted	-	. ,			(Explain in Remarks)		
	uck (A9) (LRR D)	,		ark Surfa	,		((2) (2) (2) (3) (3) (3) (3) (3) (3) (3) (3) (3) (3		
	d Below Dark Surface	e (A11)			rface (F7)					
Thick D	ark Surface (A12)	, ,		epression			³ Indicators	of hydrophytic vegetation and		
Sandy N	Mucky Mineral (S1)		Vernal P	ools (F9)			wetland	hydrology must be present,		
Sandy 0	Gleyed Matrix (S4)						unless	disturbed or problematic.		
Restrictive	Layer (if present):									
Type: col	bble									
Depth (inc	hes): 14						Hydric Soil Pre	esent? Yes X No		
Domarka: de	epleted matrix observ	ad								
HYDROLOG	GY									
Wetland Hy	drology Indicators:						Sec	condary Indicators (2 or more required)		
-	icators (minimum of c	ne required	; check all that apply	/)			·	Water Marks (B1) (Riverine)		
Surface	· Water (A1)	•	Salt Crust	(B11)				Sediment Deposits (B2) (Riverine)		
	ater Table (A2)		X Biotic Cru				Drift Deposits (B3) (Riverine)			
	ion (A3)		X Aquatic Ir	,	es (B13)		Drainage Patterns (B10)			
	Marks (B1) (Nonriver i	ne)	— ' Hydrogen		` '			Dry-Season Water Table (C2)		
	ent Deposits (B2) (No	,	<u> </u>		eres along	Living Ro		Thin Muck Surface (C7)		
	posits (B3) (Nonrive	-			ed Iron (C4	-	` ′ —	Crayfish Burrows (C8)		
	Soil Cracks (B6)	,			tion in Tilled			Saturation Visible on Aerial Imagery (C9)		
	ion Visible on Aerial I	magery (B7				•		Shallow Aquitard (D3)		
	Stained Leaves (B9)		Other (Ex	plain in R	emarks)			FAC-Neutral Test (D5)		
Field Obser	vations:									
Surface Wat		es	No X Depth (inch	nes).						
Water Table			No X Depth (inch			_				
Saturation P			No X Depth (inch			— Wetla	nd Hydrology	Present? Yes X No		
(includes car			740 <u>74 </u>			_ '''	ay a. o.ogy	166 <u>X</u> 16		
	orded Data (stream g	auge, moni	toring well, aerial ph	otos, prev	vious inspec	ctions), if a	available: n/a			
	though no surface wa te that the area ponds	•			tion, the pre	esence of	surface soil cra	acks, biotic crusts, and San Diego fairy		
Similip mulca	ic that the area politic	water and	supports wettariu Hy	arology.						
	ne of Engineers							Arid West - Version 2.0		

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

US Army Corps of Engineers

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: April 23, 2019
Applicant/Owner: Pardee Homes				State: CA Sampling Point: P4/HCP 1194
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.553082		Long: -117.011376 Datum: NAD83
Soil Map Unit Name: Olivenhain cobby loam, 30 to 50				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes X	No			
Hydric Soil Present? Yes X	No		he Sampled hin a Wetlan	YAS X NO
Wetland Hydrology Present? Yes X	No		iiii a vvetiaii	u:
Remarks: The majority of the vegetation on the site had meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season and
VEGETATION – Ose scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species
1. <u>none</u>				That Are OBL, FACW, or FAC: 2 (A)
2. 3.				Total Number of Dominant Species Across All Strata: 2 (B)
				Percent of Dominant Species (B)
4		= Total Cove	er	That Are OBL, FACW, or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species x 1 =
4.				FACW species x 2 =
5				FAC species x 3 =
		= Total Cove	er	FACU species x 4 =
Herb Stratum (Plot size:)				UPL species x 5 =
1. Psilocarphus brevissimus	1	N	FACW	Column Totals: (A)(B)
2. Rumex crispus	18	Y	FAC	Prevalence Index = B/A =
3. Festuca perennis	18	Y	FAC	
Hordeum depressum Deinandra fasciculata	1	N	FACU	Hydrophytic Vegetation Indicators:
6		N	FACU	X Dominance Test is >50%
				Prevalence Index is ≤3.0¹ Marrhalagian Adaptational (Provide gunnarting
7. 8.				 Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
o	39	= Total Cov		Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:		rotal Got		Troblematic rrydrophytic vegetation (Explain)
1 none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic Vegetation
	ver of Biotic			Present? Yes X No
Remarks: Sample area is a vernal pool that receives ru predominately of hydrophytic vegetation, it does suppor				p-watershed. In addition to the vernal pool consisting es (Psilocarphus brevissimus). Leaf litter is present in basin.

	ription: (Describe to	the depth ne				confirm t	he absence of in	ndicators.)
Depth (inches)	Color (moist)	%	Color (moist)	dox Featu %	Type ¹	Loc ²	- Texture	Remarks
0-5	10YR 3/2		YR 4/4	5	Турс		clay	redox
			11114/4				· <u> </u>	
5-14	10YR 3/2.5						clay	no redox
							-	
	ncentration, D=Depletion					s. ²		Lining, RC=Root Channel, M=Matrix.
-	Indicators: (Application	able to all LRR						r Problematic Hydric Soils³:
Histoso				ledox (S5) Matrix (S				ck (A9) (LRR C)
	pipedon (A2) istic (A3)			เพลแน (อั ∕lucky Min	•			ck (A10) (LRR B) Vertic (F18)
	en Sulfide (A4)			Bleyed Ma	. ,			ent Material (TF2)
	d Layers (A5) (LRR (>)		d Matrix (F	, ,			κplain in Remarks)
1 cm M	uck (A9) (LRR D)	,	Redox D	ark Surfa	ce (F6)			,
Deplete	d Below Dark Surfac	e (A11)	Depleted	d Dark Sui	rface (F7)			
	ark Surface (A12)			epression	ns (F8)			hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal P	ools (F9)				ydrology must be present,
Sandy 0	Gleyed Matrix (S4)						unless dis	sturbed or problematic.
	Layer (if present):							
Type: bo								
Depth (inc	hes): <u>14</u>						Hydric Soil Pres	ent? Yes X No
Remarks: re	edox dark surface obs	served in top la	yer					
HYDROLOG	GY							
Wetland Hy	drology Indicators:						Secoi	ndary Indicators (2 or more required)
Primary Ind	icators (minimum of c	ne required; ch	neck all that apply	/)			W	ater Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)			Se	ediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru					rift Deposits (B3) (Riverine)
Saturati			Aquatic Ir		es (B13)			rainage Patterns (B10)
	Marks (B1) (Nonriver	ine)	Hydroger					ry-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3) Th	nin Muck Surface (C7)
Drift De	posits (B3) (Nonrive	rine)	Presence	of Reduc	ed Iron (C	4)	Cı	rayfish Burrows (C8)
X Surface	Soil Cracks (B6)		Recent In	on Reduct	tion in Tille	d Soils (Co	6)Sa	aturation Visible on Aerial Imagery (C9)
Inundat	ion Visible on Aerial I	magery (B7)	Thin Muc	k Surface	(C7)		SI	nallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	plain in R	emarks)		F	AC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat	er Present? Y	es No	X Depth (incl	nes):				
Water Table	Present? Y	es No	X Depth (incl	nes):				
Saturation P	resent? Y	es No	X Depth (incl	nes):		Wetla	nd Hydrology P	resent? Yes X No
(includes cap	oillary fringe)							
Describe Rec	orded Data (stream o	gauge, monitori	ng well, aerial ph	otos, prev	ious inspe	ctions), if a	available: n/a	
Remarks: Alt	hough no surface wa	ter was presen	t at the time of th	e delineat	tion, evider	nce of surf	ace soil cracks in	dicate that the area ponds water and
	and hydrology.	•						

Project/Site: Southwest Village Specific Plan		City/Cour	nty: <u>San Dieg</u>	o, CA	Sampling Date: April 23, 2019
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: P5/HCP 1192
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	Range: Section 31, T18S F	R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:	32.553247		Long: -117.010722	Datum: NAD83
Soil Map Unit Name: Olivenhain cobby loam, 30 to 50					n: Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	(If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology					
Are Vegetation, SoilX, or Hydrology _					
SUMMARY OF FINDINGS – Attach site map sl	nowing sa	mpling pol	nt location	s, transects, important	reatures, etc.
Hydrophytic Vegetation Present? Yes X	_No				I
Hydric Soil Present? Yes X	No		he Sampled nin a Wetlan	YAC X	< No
Wetland Hydrology Present? Yes X	No	\	iiii a vvetiaii	u:	
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	es. This feature was sample	ed during the growing season and
meets the wetland criteria.			,		
VEGETATION – Use scientific names of plants					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works	
1. none	70 OOVCI	Орсоюз	<u>Otatus</u>	Number of Dominant Sp That Are OBL, FACW, o	
2.				Total Number of Domina	. ,
3.				Species Across All Strate	
4.				Percent of Dominant Spe	ecies
		= Total Cove	er	That Are OBL, FACW, o	or FAC:100(A/B)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index work	sheet:
2.				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	
		= Total Cove	er	FACU species	
Herb Stratum (Plot size:)				UPL species	x 5 =
Psilocarphus brevissimus	5	Y	FACW	Column Totals:	(B)
2. Spergularia bocconi	1	N	FACW_	Prevalence Index	x = B/A =
3. Juncus bufonius	1	N	FACW_		
4. Festuca perennis	15	Y	FAC	Hydrophytic Vegetation	
5. Deinandra fasciculata	1	N	FACU	X Dominance Test is	
6. Sonchus oleraceus	1	N	UPL	Prevalence Index	
7					aptations¹ (Provide supporting ks or on a separate sheet)
8					
Mandy Vine Stratum (Plataire)	24	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				11	
1. none				be present, unless distu	il and wetland hydrology must urbed or problematic.
2				, ,	
		= Total Cove	er	Hydrophytic Vegetation	
% Bare Ground in Herb Stratum 76 % Co	ver of Biotic	Crust		Present? Ye	es X No
Remarks: Sample area is a vernal pool that receives ru	unoff from a	relatively sma	all local micro	 -watershed. In addition to t	the vernal pool consisting
predominately of hydrophytic vegetation, it does support					

0-2 2-18			Color (moist)	%Type ¹	Loc ²	Texture	Remarks
2-18	10YR 4/3	100				sandy clay	no redox
	10YR 4/4	100				clay	no redox
		·				·	
		· 			-		
		· —— —					
		· —— —					
		·					
							<u> </u>
¹ Type: C=Cor	ncentration, D=Depletio	n, RM=Reduced	Matrix, CS=Covered	d or Coated Sand Grain	ns. ² l	_ocation: PL=Por	e Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applic	able to all LR	Rs, unless other	wise noted.)		Indicators	for Problematic Hydric Soils ³ :
Histosol	` '			Redox (S5)			fluck (A9) (LRR C)
	pipedon (A2)			Matrix (S6)			fluck (A10) (LRR B)
	istic (A3)			Mucky Mineral (F1)			ed Vertic (F18)
	en Sulfide (A4)	C \		Gleyed Matrix (F2)			arent Material (TF2)
	d Layers (A5) (LRR (uck (A9) (LRR D)	C)		d Matrix (F3) Dark Surface (F6)		X_Other (Explain in Remarks)
	d Below Dark Surfac	· Δ(Δ11)		d Dark Surface (F7)			
	ark Surface (A12)	<i>(</i> (() () ()		Depressions (F8)		3Indicators	of hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)			hydrology must be present,
´	Gleyed Matrix (S4)			,			disturbed or problematic.
Restrictive I	Layer (if present):						
Type:	, , ,						
Depth (incl	hes):		_			Hydric Soil Pro	esent? Yes X No
	r other factors, whicl				ioit riy dilio o	on mulcators d	ue to limited saturation depth, saline
conditions, o	r other factors, which					on mulcators d	ue to illilited Saturation deptil, Sailile
conditions, o	r other factors, which	n may include l					
iyDROLOC	r other factors, which	n may include l	numan-caused di	sturbance.	on try unio o	Sec	
HYDROLOG Wetland Hy Primary Indi	GY rdrology Indicators cators (minimum of	n may include l	numan-caused di	sturbance.		Sec	condary Indicators (2 or more required Water Marks (B1) (Riverine)
IYDROLOC Wetland Hy Primary IndiSurface	GY rdrology Indicators cators (minimum of Water (A1)	n may include l	numan-caused dis	y) t (B11)		Sec	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
HYDROLOC Wetland Hy Primary Indi Surface High Wa	GY vdrology Indicators cators (minimum of Water (A1) ater Table (A2)	n may include l	check all that appl Salt Crus X Biotic Cru	y) t (B11) ust (B12)		<u>Sec</u>	water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
IYDROLOC Wetland Hy Primary Indi Surface High Wa Saturati	GY vdrology Indicators cators (minimum of Water (A1) ater Table (A2)	n may include I	check all that appl Salt Crus X Biotic Cru X Aquatic I	y) t (B11)		<u>Sec</u>	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
HYDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water M	r other factors, which GY rdrology Indicators cators (minimum of water (A1) ater Table (A2) on (A3)	n may include I : one required; o	check all that appl Salt Crus X Biotic Cru X Aquatic II Hydroger	y) It (B11) Just (B12) Invertebrates (B13)		<u>Sec</u>	water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
HYDROLOC Wetland Hy Primary Indi Surface High Wa Saturati Water M	r other factors, which GY rdrology Indicators cators (minimum of water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver	: cone required; coneriverine)	check all that appl Salt Crus X Biotic Cru X Aquatic II Hydroger Oxidized	y) t (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1)	Living Roo	Sec.	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
HYDROLOG Wetland Hy Primary Indi Surface High Water M Sedime Drift De	r other factors, which rdrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver on the posits (B2) (No	: cone required; coneriverine)	check all that appl Salt Crus X Biotic Cru X Aquatic II Hydroger Oxidized Presence	y) t (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres along	Living Roo	Sec	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
HYDROLOC Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedime Drift De X Surface	r other factors, which rdrology Indicators cators (minimum of a Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (Nonriver posits (B3) (Nonriver)	: cone required; conerine) conic required; coneriverine)	check all that appl Salt Crus X Biotic Cru X Aquatic II Hydroger Oxidized Presence Recent Ir	y) t (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres along e of Reduced Iron (C	Living Roo	Sec ————————————————————————————————————	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
HYDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedime Drift De X Surface Inundati	r other factors, which rdrology Indicators cators (minimum of a Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6)	: cone required; conerine) conic required; coneriverine)	check all that appl Salt Crus X Biotic Cru X Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc	y) It (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1) Rhizospheres along It of Reduced Iron (Con Reduction in Tille	Living Roo	Sec	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (CS
HYDROLOG Wetland Hy Primary Indi Surface High Water M Sedime Drift De X Surface Inundati Water-S	r other factors, which rdrology Indicators cators (minimum of water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (Nonriver Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9)	: cone required; conerine) conic required; coneriverine)	check all that appl Salt Crus X Biotic Cru X Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc	y) It (B11) It (B12) In Sulfide Odor (C1) Rhizospheres along It of Reduced Iron (Coon Reduction in Tilletk Surface (C7)	Living Roo	Sec	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (CS) Shallow Aquitard (D3)
HYDROLOG Wetland Hy Primary Indi Surface High Water M Sedime Drift De X Surface Inundati Water-S Field Observiole	r other factors, which r drology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (No posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations:	: one required; or rine) onriverine) erine) Imagery (B7)	check all that appl Salt Crus X Biotic Cru X Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc	y) It (B11) Ist (B12) In Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C on Reduction in Tille k Surface (C7) xplain in Remarks)	Living Roo	Sec	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (CS) Shallow Aquitard (D3)
HYDROLOG Wetland Hy Primary Indi Surface High Water M Sedime Drift De X Surface Inundati Water-S Field Obsers	r other factors, which r other factors, which rdrology Indicators cators (minimum of water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (Nonriver soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present?	rine) onriverine) lmagery (B7)	check all that appl Salt Crus X Biotic Cru X Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) t (B11) ust (B12) n Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C on Reduction in Tille k Surface (C7) xplain in Remarks)	Living Roo	Sec	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (CS) Shallow Aquitard (D3)
HYDROLOG Wetland Hy Primary Indi Surface High Water M Sedime Drift De X Surface Inundati Water-S Field Obsert Surface Water Water Table	r other factors, which r other factors, which r other factors, which r other factors, which r other factors cators (minimum of a cators (minimum of a cators (minimum of a cators (minimum of a cators (Marks (B1) (Nonriver) nt Deposits (B2) (Nonriver) posits (B3) (Nonriver) Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present?	rine) priverine) lmagery (B7) /es No	check all that appl Salt Crus X Biotic Cru X Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc	y) It (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1) Rhizospheres along It of Reduced Iron (Coon Reduction in Tille It of Reduced Iron (Coon Reduction in Tille It of Reduce (C7) It of Reduced Iron It of Red	Living Roo 4) ed Soils (Ce	Sec	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
HYDROLOG Wetland Hy Primary Indi Surface High Water M Sedime Drift De X Surface Inundati Water-S Field Obser Surface Water Table Saturation Pr (includes cap	r other factors, which r drology Indicators cators (minimum of water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (No posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present?	rine) priverine) lmagery (B7) //es No //es No //es No //es No	check all that appl Salt Crus X Biotic Cru X Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (E) D X Depth (inc	y) It (B11) Ist (B12) In Sulfide Odor (C1) Rhizospheres along It of Reduced Iron (C It on Reduction in Tille It Surface (C7) It cplain in Remarks) It hes): It is the standard of th	Living Roo 4) ed Soils (Co	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
HYDROLOG Wetland Hy Primary Indi Surface High Water M Sedime Drift De X Surface Inundati Water-S Field Obser Surface Water Table Saturation Pr (includes cap	r other factors, which r drology Indicators cators (minimum of water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (No posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present?	rine) priverine) lmagery (B7) //es No //es No //es No //es No	check all that appl Salt Crus X Biotic Cru X Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (E) D X Depth (inc	y) It (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1) Rhizospheres along It of Reduced Iron (Coon Reduction in Tille It of Reduced Iron (Coon Reduction in Tille It of Reduce (C7) It of Reduced Iron It of Red	Living Roo 4) ed Soils (Co	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (CS) Shallow Aquitard (D3) FAC-Neutral Test (D5)
HYDROLOG Wetland Hy Primary Indi Surface High Water M Sedime Drift De X Surface Inundati Water-S Field Obser Surface Water Table Saturation Pr (includes cap	r other factors, which r drology Indicators cators (minimum of water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (No posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present?	rine) priverine) lmagery (B7) //es No //es No //es No //es No	check all that appl Salt Crus X Biotic Cru X Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (E) D X Depth (inc	y) It (B11) Ist (B12) In Sulfide Odor (C1) Rhizospheres along It of Reduced Iron (C It on Reduction in Tille It Surface (C7) It cplain in Remarks) It hes): It is the standard of th	Living Roo 4) ed Soils (Co	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (CS) Shallow Aquitard (D3) FAC-Neutral Test (D5)
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Project/Site: Southwest Village Specific Plan		City/Cour	nty: <u>San Dieg</u>	o, CA	_Sampling Date: April 11, 2019
Applicant/Owner: Pardee Homes				State: CA	_Sampling Point: P6_VPHCP 263
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	lange: Section 31, T18S I	R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.552206		Long: -117.011206	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s					on: Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in	ı Remarks.)
Are Vegetation X, Soil , or Hydrology					
Are Vegetation Soil or Hydrology					
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poli	nt locations	s, transects, importan	it reatures, etc.
Hydrophytic Vegetation Present? Yes X	_No	_ 1- 41	0 1 1	A	
Hydric Soil Present? Yes X	No		he Sampled nin a Wetlan	YAC	X No
Wetland Hydrology Present? Yes X	No	_ ****	iiii a vvotiaii	u.	
Remarks: The majority of the vegetation on the site ha	ıs been distı	urbed due to	past land use	es. This feature was sampl	ed during the growing season and
meets the wetland criteria.			,		
VEGETATION – Use scientific names of plants					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work	
1. none	70 OOVCI	Орсоюз	<u>Otatus</u>	Number of Dominant Sp That Are OBL, FACW, of	
2.				Total Number of Domina	,
3.				Species Across All Stra	
4.				Percent of Dominant Sp	pecies
		= Total Cove	er	That Are OBL, FACW, o	or FAC:100(A/B)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index world	ksheet:
2.				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	
		= Total Cove	er	FACU species	
Herb Stratum (Plot size:)				UPL species	x 5 =
Hordeum depressum	10	N	FACW	Column Totals:	(A)(B)
2. Festuca perennis	50	Y	FAC	Prevalence Inde	ex = B/A =
3. Bromus diandrus	10	N	UPL		
4. Erodium botrys	1	N	FACU	Hydrophytic Vegetation	
5. Eryngium aristulatum var. parishii	1	N	OBL	X Dominance Test	
6				Prevalence Index	
7					daptations¹ (Provide supporting rks or on a separate sheet)
8		= Total Cov			. ,
Woody Vine Stratum (Plot size:)	72	= Total Cov	/er	Problematic Hydr	rophytic Vegetation¹ (Explain)
·				1 Indicators of budgie on	sil and watland by dralagy must
1. none				be present, unless dist	oil and wetland hydrology must turbed or problematic.
2		- Total Caus			<u></u>
		= Total Cove	er	Hydrophytic Vegetation	
% Bare Ground in Herb Stratum 28 % Co	ver of Biotic	Crust		, ,	es X No
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro	-watershed. In addition to	the vernal pool consisting
predominately of hydrophytic vegetation, it does suppor					

Color (moist)	
4-18 10YR 4/2 100 clay Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Black Histic (A3) Loamy Mucky Mineral (F1) Indicators PL=Pore Lining, RC=Root Channel, M=Ma Indicators for Problematic Hydric Soils Indicators fo	
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Histosol (A1) Sandy Redox (S5) 1 cm Muck (A9) (LRR C) Histic Epipedon (A2) Stripped Matrix (S6) 2 cm Muck (A10) (LRR B) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18)	
Histic Epipedon (A2) Black Histic (A3) Stripped Matrix (S6) Loamy Mucky Mineral (F1) 2 cm Muck (A10) (LRR B) Reduced Vertic (F18)	
Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18)	
Stratified Layers (A5) (LRR C) X Depleted Matrix (F3) Other (Explain in Remarks)	
1 cm Muck (A9) (LRR D) Redox Dark Surface (F6)	
Depleted Below Dark Surface (A11) Depleted Dark Surface (F7)	
Thick Dark Surface (A12) Redox Depressions (F8) 3Indicators of hydrophytic vegetation and	
Sandy Mucky Mineral (S1) Vernal Pools (F9) wetland hydrology must be present,	
Sandy Gleyed Matrix (S4) unless disturbed or problematic.	
Restrictive Layer (if present):	
Type:	
• • • • • • • • • • • • • • • • • • • •	
Depth (inches): Hydric Soil Present? Yes X No	
HYDROLOGY	
HYDROLOGY Wetland bludrology Indicators: Secondary Indicators (2 or more	roquirod)
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Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA	Sampling Date: April 11, 2019
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: P7/ HCP 262
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S F	R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.551864		Long: -117.010909	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent si					on: Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology					
Are Vegetation, Soil, or Hydrology					
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poli	nt locations	s, transects, importan	t teatures, etc.
Hydrophytic Vegetation Present? Yes X	No	_ 1-41	0	A	
Hydric Soil Present? Yes X	No		ne Sampled nin a Wetlan	VAC)	X No
Wetland Hydrology Present? Yes X	No	_ ****	iii a wodan	u.	
Remarks: The majority of the vegetation on the site ha	s been disti	urbed due to	past land use	es. This feature was sample	ed during the growing season and
meets the wetland criteria.		·	•	·	0 0
VEGETATION – Use scientific names of plants		Daminant	lu di a atau	Dominance Test works	a ba a ti
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status		
1. none				Number of Dominant Sp That Are OBL, FACW, o	
2.				Total Number of Domina	. ,
3.				Species Across All Strat	i (D)
4				Percent of Dominant Sp	
		= Total Cove	er	That Are OBL, FACW, o	or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size:)					
1. <u>none</u>				Prevalence Index work	(sheet:
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	
5				FAC species	
Harb Stratum (Diet size)		= Total Cove	er	FACU species UPL species	
Herb Stratum (Plot size:)	2	N	FACW	Column Totals:	x 5 = (A) (B)
2. Festuca perennis	20	Y	FAC	Column Totals.	(D)
3. Medicago polymorpha	1	N	FACU	Prevalence Inde	x = B/A =
4. Brassica nigra		N	UPL	Hydrophytic Vegetatio	n Indicators
5. Hordeum depressum	1	N	FACW	X Dominance Test i	
				Prevalence Index	
7					aptations¹ (Provide supporting
8.					ks or on a separate sheet)
	26	= Total Cov	/er	Problematic Hydr	ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:				resistance riyun	opiny ao vogotation (Explain)
1none				¹ Indicators of hydric so	il and wetland hydrology must
2.				be present, unless distr	urbed or problematic.
		= Total Cove	er	Hydrophytic	
				Vegetation	1
	ver of Biotic			Present? Ye	
Remarks: Sample area is a vernal pool that receives ru					
predominately of hydrophytic vegetation, it does support	ı one vernal	pool plant ind	dicator specie	s (Psilocarphus brevissim	us). Leaf litter is present in basin.

SOIL Sampling Point: P7/HCP 262

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches) 0-3	Color (moist)	%	Color (moist)	% T	ype ¹ Loc ²	Texture	Remarks
U-U	10YR 4/2	99	7.5YR 4/6		C RC		- I /GIIIal NO
4.40			7.51K 4/0			sandy clay	
4-18	10YR 4/3	100		· —— —		clay	
						_	
	-			·		_	
	-		-	· —— —		_	
¹ Type: C=Co	 oncentration, D=Depletion	n RM=Redu	ced Matrix CS=Covere	d or Coated San	nd Grains	² l ocation: PI =Po	re Lining, RC=Root Channel, M=Matrix.
	il Indicators: (Applic		· · · · · · · · · · · · · · · · · · ·				s for Problematic Hydric Soils ³ :
Histoso				Redox (S5)			Muck (A9) (LRR C)
	Epipedon (A2)			d Matrix (S6)			Muck (A10) (LRR B)
Black H	Histic (A3)			Mucky Mineral			ced Vertic (F18)
	gen Sulfide (A4)			Gleyed Matrix	(F2)		arent Material (TF2)
	ed Layers (A5) (LRR (C)		d Matrix (F3)	F0\	Other	(Explain in Remarks)
	/luck (A9) (LRR D) ed Below Dark Surfac	o (A11)		Dark Surface (d Dark Surfac	,		
	ed Below Dark Surfac Dark Surface (A12)	e (ATT)		Dark Suriac Depressions (F		3Indicators	of hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)	O)		d hydrology must be present,
	Gleyed Matrix (S4)			` '			disturbed or problematic.
Restrictive	Layer (if present):						
Type:							
Depth (inc	ches):					Hydric Soil Pi	resent? Yes X No
YDROLO	GY						
	OGY lydrology Indicators	•				Se	condary Indicators (2 or more required
Wetland H			ed; check all that app	ly)		<u>Se</u>	condary Indicators (2 or more required Water Marks (B1) (Riverine)
Wetland H Primary Inc	lydrology Indicators		ed; check all that app	•		<u>Se</u>	
Wetland H Primary Inc	lydrology Indicators dicators (minimum of d		Salt Crus	•		<u>Se</u>	Water Marks (B1) (Riverine)
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Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA	Sampling Date: April 11, 2019
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: P8/HCP 1194
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, F	Range: Section 31, T18S F	R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:	32.550905		Long: -117.011118	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 perce				NWI classificatio	on: None
Are climatic / hydrologic conditions on the site typical	al for this time of	f year? Yes	X No	o (If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology					
Are Vegetation, SoilX, or Hydrology					
SUMMARY OF FINDINGS – Attach site map	snowing sa	mpling poi	nt location	s, transects, important	t teatures, etc.
Hydrophytic Vegetation Present? Yes>	(No		0 ll	A	
Hydric Soil Present? Yes	(No		he Sampled hin a Wetlan	YAC X	K No
Wetland Hydrology Present? Yes>	(No	_ ****	iiii a vvoiaii	u.	
Remarks: The majority of the vegetation on the site	e has been dist	urbed due to	past land use	es. This feature was sample	ed during the growing season and
meets the wetland criteria.			,		
VEGETATION – Use scientific names of pla					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works	
1. none	<u> 70 OOVCI</u>	_орсоюз:		Number of Dominant Sp That Are OBL, FACW, o	
2.				Total Number of Domina	• • • • • • • • • • • • • • • • • • • •
3.				Species Across All Strat	
4.				Percent of Dominant Sp	ecies
		= Total Cove	er	That Are OBL, FACW, o	or FAC:100(A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none	-			Prevalence Index work	sheet:
2.				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	
		= Total Cove	er	FACU species	
Herb Stratum (Plot size:)				UPL species	x 5 =
1. Rumex crispus	10	Y	FAC	Column Totals:	(B)
2. Psilocarphus brevissimus	3	N	FACW_	Prevalence Index	x = B/A =
3. Juncus bufonius	1	N	FACW		
4. Spergularia bocconi	1	N	FACW	Hydrophytic Vegetatio	
5. Festuca perennis	3	N	FAC	X _ Dominance Test is	
6.				Prevalence Index	
7					aptations¹ (Provide supporting ks or on a separate sheet)
8		= Total Cov			,
Woody Vine Stratum (Plot size:	18	= Total Cov	ver	Problematic Hydro	ophytic Vegetation¹ (Explain)
\ \	_ /			1 Indicators of budgio aci	il and watland hydrology must
1. none				be present, unless dist	il and wetland hydrology must urbed or problematic.
2					
	-	= Total Cove	er	Hydrophytic Vegetation	
% Bare Ground in Herb Stratum 82 %	Cover of Biotic	Crust		Present? Ye	es X No
Remarks: Sample area is a vernal pool that receive	s runoff from a	relatively sma	all local micro	ub-watershed. In addition to t	the vernal pool consisting
predominately of hydrophytic vegetation, it does sup					

SOIL Sampling Point: P8/HCP 1194

Depth	Matrix		Re	edox Features	6				
(inches)	Color (moist)	%	Color (moist)	%T	Γype¹ I	Loc ²	Texture	Remarks	
0-18	10YR 3/2	100					clay	•	
			_						
									
¹ Type: C=Co	ncentration, D=Depletion	RM=Reduc	ed Matrix CS=Covere	d or Coated Sar	nd Grains	21	ocation: PI =Pc	ore Lining, RC=Root Channel, M=Matrix	
	Indicators: (Applica							s for Problematic Hydric Soils ³ :	-
•	`	able to all L	•	•				•	
Histoso	, ,			Redox (S5) I Matrix (S6)				Muck (A9) (LRR C)	
_	pipedon (A2) listic (A3)			Mucky Minera	J /E1)			Muck (A10) (LRR B) ced Vertic (F18)	
	en Sulfide (A4)			Gleyed Matrix	. ,			Parent Material (TF2)	
		•\		•	. (FZ)			` '	
	d Layers (A5) (LRR C	•)		d Matrix (F3)	(EG)		_X_Other	(Explain in Remarks)	
	uck (A9) (LRR D)	- (044)		Oark Surface (` '				
	ed Below Dark Surface	e (A11)		d Dark Surfac Depressions (l	` '		3Indicators	of budrophytic vegetation and	
	ark Surface (A12)				F8)			of hydrophytic vegetation and	
	Mucky Mineral (S1)		vernai F	Pools (F9)				d hydrology must be present,	
Sandy	Gleyed Matrix (S4)						uniess	disturbed or problematic.	
Restrictive	Layer (if present):								
Type:									
indicators of	obbles mixed through	on and wetla	and hydrology. This	feature is a ve	ernal pool t	nydric so that is se	easonally por	med here as problematic due to sti nded and may lack hydric soil indic	
Remarks: c indicators of due to limite	obbles mixed through hydrophytic vegetation d saturation depth, sa	on and wetla	and hydrology. This	feature is a ve	ernal pool t	nydric so that is se	oils are assur easonally por	med here as problematic due to sti nded and may lack hydric soil indic	
Remarks: c indicators of due to limite	obbles mixed through hydrophytic vegetation depth, sa	on and wetta aline condition	and hydrology. This	feature is a ve	ernal pool t	nydric so that is se	bils are assur easonally por sed disturbar	med here as problematic due to stinded and may lack hydric soil indicance.	ators
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Remarks: c indicators of due to limite HYDROLOG Wetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inundar Water-S Field Obser Surface Water Table Saturation F (includes ca	cobbles mixed through hydrophytic vegetatic d saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth dep	on and wetla line condition one required ine) mriverine) magery (B7 fees fees fees	and hydrology. This ons, or other factors d; check all that appl Salt Crus Biotic Cru X Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	y) t (B11) ust (B12) nvertebrates (n Sulfide Odo Rhizospheres of Reduced on Reduction ek Surface (C7 cplain in Remain hes): hes):	(B13) r (C1) s along Livi Iron (C4) in Tilled S 7) arks)	ing Roo	soils are assure assorbers of the seasonally por sed disturbare se	med here as problematic due to strated and may lack hydric soil indicators. Condary Indicators (2 or more reward water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Image Shallow Aquitard (D3) FAC-Neutral Test (D5)	equired
Remarks: c indicators of due to limite HYDROLOG Wetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inundar Water-S Field Obser Surface Water Table Saturation F (includes ca	cobbles mixed through hydrophytic vegetatic d saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth dep	on and wetla line condition one required ine) mriverine) magery (B7 fes fes gauge, moni	and hydrology. This ons, or other factors d; check all that appl Salt Crus Biotic Cru X Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex No X Depth (inc No X Depth (inc No X Depth (inc itoring well, aerial ph	y) t (B11) ust (B12) nvertebrates (n Sulfide Odo Rhizospheres of Reduced on Reduction ck Surface (C7 cplain in Remains): hes): hes):	(B13) r (C1) s along Livi lron (C4) in Tilled S 7) arks)	ing Roo oils (C6	sed disturbar Se Se ts (C3) nd Hydrology vailable: n/a	med here as problematic due to strained and may lack hydric soil indicators. Condary Indicators (2 or more reward Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Image Shallow Aquitard (D3) FAC-Neutral Test (D5) y Present? Yes X No	equired e)
Remarks: c indicators of due to limite HYDROLOG Wetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inundar Water-S Field Obser Surface Water Table Saturation P (includes ca	obbles mixed through hydrophytic vegetatic d saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth dept	ine) magery (B7 magery (B7 magery monitorer was pre-	and hydrology. This ons, or other factors d; check all that appl Salt Crus Biotic Cru X Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex No X Depth (inc No X Depth (inc No X Depth (inc No X Depth (inc	y) t (B11) ust (B12) nvertebrates (n Sulfide Odo Rhizospheres of Reduced on Reduction ck Surface (C7 cplain in Remains): hes): hes):	(B13) r (C1) s along Livi lron (C4) in Tilled S 7) arks)	ing Roo oils (C6	sed disturbar Se Se ts (C3) nd Hydrology vailable: n/a	med here as problematic due to strated and may lack hydric soil indicators. Condary Indicators (2 or more reward water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Image Shallow Aquitard (D3) FAC-Neutral Test (D5)	equired e)
Remarks: c indicators of due to limite HYDROLOG Wetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inundar Water-S Field Obser Surface Water Table Saturation P (includes ca	cobbles mixed through hydrophytic vegetatic d saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth dep	ine) magery (B7 magery (B7 magery monitorer was pre-	and hydrology. This ons, or other factors d; check all that appl Salt Crus Biotic Cru X Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex No X Depth (inc No X Depth (inc No X Depth (inc No X Depth (inc	y) t (B11) ust (B12) nvertebrates (n Sulfide Odo Rhizospheres of Reduced on Reduction ck Surface (C7 cplain in Remains): hes): hes):	(B13) r (C1) s along Livi lron (C4) in Tilled S 7) arks)	ing Roo oils (C6	sed disturbar Se Se ts (C3) nd Hydrology vailable: n/a	med here as problematic due to strained and may lack hydric soil indicators. Condary Indicators (2 or more reward Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Image Shallow Aquitard (D3) FAC-Neutral Test (D5) y Present? Yes X No	equire e)
Remarks: c indicators of due to limite HYDROLOG Wetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inundar Water-S Field Obser Surface Water Table Saturation P (includes ca	obbles mixed through hydrophytic vegetatic d saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth, saturation depth dept	ine) magery (B7 magery (B7 magery monitorer was pre-	and hydrology. This ons, or other factors d; check all that appl Salt Crus Biotic Cru X Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex No X Depth (inc No X Depth (inc No X Depth (inc No X Depth (inc	y) t (B11) ust (B12) nvertebrates (n Sulfide Odo Rhizospheres of Reduced on Reduction ck Surface (C7 cplain in Remains): hes): hes):	(B13) r (C1) s along Livi lron (C4) in Tilled S 7) arks)	ing Roo oils (C6	sed disturbar Se Se ts (C3) nd Hydrology vailable: n/a	med here as problematic due to strained and may lack hydric soil indicators. Condary Indicators (2 or more reward Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Image Shallow Aquitard (D3) FAC-Neutral Test (D5) y Present? Yes X No	equire e)

Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA Sampling Date: April 23, 2019					
Applicant/Owner: Pardee Homes				State: CA Sampling Point: P12					
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	lange: Section 31, T18S R01W					
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave Slope (%): 0-2					
Subregion (LRR): LRR-C	Lat: 3	32.54951414	880	Long: -117.01407944400 Datum: NAD83					
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent si				NWI classification: None					
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)					
Are Vegetation X, Soil , or Hydrology			·						
				(If needed, explain any answers in Remarks.)					
SUMMARY OF FINDINGS – Attach site map sh									
	-		iii ioodiioiii	s, transcoto, important routeros, oto.					
	No X	- Is th	ne Sampled	Area Na V					
	No X No	— with	nin a Wetlan	d? Yes No X					
	-	_							
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and does not meet the wetland criteria. VEGETATION – Use scientific names of plants.									
	Absolute	Dominant	Indicator	Dominance Test worksheet:					
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species					
1. none				That Are OBL, FACW, or FAC: 0 (A)					
2. 3.				Total Number of Dominant Species Across All Strata: (B)					
				Percent of Dominant Species (B)					
*		= Total Cove		That Are OBL, FACW, or FAC: 0 (A/B)					
Sapling/Shrub Stratum (Plot size:)		- 10tai 00V	J1						
1. none				Prevalence Index worksheet:					
2.				Total % Cover of: Multiply by:					
3.				OBL species1 x 1 =1					
4.				FACW species 0 x 2 = 0					
5.				FAC species1 x 3 =3					
		= Total Cove	er	FACU species 3 x 4 = 12					
Herb Stratum (Plot size:)				UPL species 2 x 5 = 10					
Deinandra fasciculata	30	Y	FACU	Column Totals: 7 (A) 26 (B)					
2. Plagiobothrys acanthocarpus	1	N	OBL	Prevalence Index = B/A = 3.7					
3. Bromus madritensis		N	UPL_						
4. Bromus hordeaceus	1	N	FACU	Hydrophytic Vegetation Indicators:					
5. Festuca perennis		N	FAC	Dominance Test is >50%					
6. Centaurea melitensis 7. Hordeum murinum	3	N	— UPL FACU	Prevalence Index is ≤3.0¹					
8.			- FACU	Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)					
0	38	= Total Cov		Problematic Hydrophytic Vegetation¹ (Explain)					
Woody Vine Stratum (Plot size:		rotal col		Troblematic Hydrophytic vegetation (Explain)					
1. none				¹ Indicators of hydric soil and wetland hydrology must					
2.				be present, unless disturbed or problematic.					
		= Total Cove	er	Hydrophytic					
% Bare Ground in Herb Stratum 62 % Co	ver of Biotic			Vegetation Present? Yes No X					
Remarks: Sample area is a vernal pool that receives ru			all local micro						
predomince of hydrophytic vegetation, it does support o									

SOIL Sampling Point: P12

	cription: (Describe to	the depth nee				confirm t	the absence	of indicate	ors.)	
Depth	Matrix			edox Featu			_			
(inches)	Color (moist)		olor (moist)	%	Type ¹	Loc ²	Texture	<u> </u>	Remar	ks
							_			
							-			
							_			
1 0 0			1: 00 0			2	· · · · · · · · · · · · · · · · · · ·		20. D. 101. 1	
	ncentration, D=Depletion					S			RC=Root Channel,	
-	Indicators: (Application	able to all LRRs			•				lematic Hydric	Soils*:
Histoso	` '			Redox (S5)				Muck (A9)		
_	pipedon (A2)			d Matrix (Se	•			Muck (A10		
l ——	listic (A3)			Mucky Mine				iced Vertic	, ,	
	en Sulfide (A4)			Gleyed Ma				Parent Mat		
l ——	d Layers (A5) (LRR 0	;)		ed Matrix (F	,		Othe	r (Explain iı	n Remarks)	
	uck (A9) (LRR D)			Dark Surfac	` '					
	d Below Dark Surfac	e (A11)		ed Dark Sur						
	ark Surface (A12)			Depression	s (F8)				ohytic vegetation	
	Mucky Mineral (S1)		Vernal	Pools (F9)					gy must be prese	ent,
Sandy (Gleyed Matrix (S4)						unles	s disturbed	or problematic.	
Restrictive	Layer (if present):									
Type:	, , ,									
Depth (inc	hes).						Hydric Soil F	Present?	Yes	No X
							,			
	he sampled area sup						t the hydroph	ytic vegeta	tion standard to	be considered a
wetland. The	erefore, no soil pit wa	s dug and hydric	soils are not o	considered t	o be prese	ent.				
HYDROLO	GY									
Wetland Hy	ydrology Indicators:						S	econdary I	Indicators (2 or	more required)
1	icators (minimum of c		eck all that ann	ılv)				•	arks (B1) (River	
	Water (A1)	,	Salt Cru	• ,					nt Deposits (B2)	·
	` '			rust (B12)			_			
l —	ater Table (A2)			` '	(D.10)		_		oosits (B3) (Rive	-
	ion (A3)			Invertebrate	` ,		_		Patterns (B10)	
	Marks (B1) (Nonriver	•		n Sulfide O					son Water Table	e (C2)
Sedime	ent Deposits (B2) (No	nriverine)	Oxidized	l Rhizosphe	eres along l	Living Ro	ots (C3)	Thin Mud	ck Surface (C7)	
Drift De	eposits (B3) (Nonrive	rine)	Presenc	e of Reduce	ed Iron (C4	!)		Crayfish	Burrows (C8)	
_X_Surface	Soil Cracks (B6)		Recent I	ron Reduct	ion in Tilled	d Soils (Co	6)	Saturatio	on Visible on Aer	rial Imagery (C9)
Inundat	tion Visible on Aerial I	magery (B7)	Thin Mu	ck Surface	(C7)			Shallow	Aquitard (D3)	
l ——	Stained Leaves (B9)	0 7 ()		xplain in Re					utral Test (D5)	
							_			
Field Obser	vations:									
Surface Wat	ter Present? Y		X Depth (in			_				
Water Table	Present? Y	es No_	X Depth (in	ches):		_				
Saturation P	resent? Y	es No_	X Depth (inc	ches):		Wetla	and Hydrolog	gy Present	? Yes X	No
(includes ca	pillary fringe)				· · · · ·					
Describe Rec	corded Data (stream o	gauge, monitorin	g well, aerial p	hotos, prev	ious insped	ctions), if a	available: n/a	a		
	though no surface wa	•			-			ks indicate t	that the area po	nds water and
supports wetl	and hydrology. Water	table level and	saturation are	not known	as a soil pit	t was not	dug.			

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA	Sampling Date: April 11, 2019
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: P13/HCP 1193
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S I	R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: :	32.553437	•	Long: -117.009490	Datum: NAD83
Soil Map Unit Name: Olivenhain cobby loam, 30 to 50					on: Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical for					
Are Vegetation X, Soil , or Hydrology					
Are Vegetation, Soil, or Hydrology					
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poi	nt locations	s, transects, importan	t features, etc.
Hydrophytic Vegetation Present? Yes X	_No				
Hydric Soil Present? Yes X	No		he Sampled	VAC 1	X No
Wetland Hydrology Present? Yes X	No	— witi	nin a Wetlan	d? —	
Remarks: The majority of the vegetation on the site ha	as heen distr	urbed due to	nast land use	S This feature was sample	ed during the growing season and
meets the wetland criteria.	is been dist	urbed due to	past land use	ss. This leature was sample	ed during the growing season and
VEGETATION – Use scientific names of plants					
Troo Stratum (Plot size:	Absolute	Dominant Species?	Indicator Status	Dominance Test work	
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Sp	
				That Are OBL, FACW, o	. ,
				Total Number of Domina Species Across All Strategies	
				Percent of Dominant Sp	pecies(B)
4		= Total Cove	er	That Are OBL, FACW, o	
Sapling/Shrub Stratum (Plot size:)		rotal oov	0 1		
1. none				Prevalence Index worl	ksheet:
2.				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4.				FACW species	
5.				FAC species	_
		= Total Cove	er	FACU species	x 4 =
Herb Stratum (Plot size:)				UPL species	x 5 =
1. Psilocarphus brevissimus	2	Y	FACW	Column Totals:	(A)(B)
2. Festuca perennis	1	N	FAC	Prevalence Inde	x = B/A =
3. Juncus bufonius	1	N	FACW		
4. Hordeum depressum	1	N	FACW	Hydrophytic Vegetation	on Indicators:
5. Spergularia bocconi	1	N	FACW	_X Dominance Test	is >50%
6				Prevalence Index	is ≤3.0¹
7					laptations¹ (Provide supporting
8					ks or on a separate sheet)
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	6	= Total Cov	/er	Problematic Hydr	ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				4	
1. none				'Indicators of hydric so be present, unless dist	oil and wetland hydrology must
2				' '	
		= Total Cove	er	Hydrophytic	
% Bare Ground in Herb Stratum 98 % Co	ver of Biotic	Crust		Vegetation Present?	es X No
Remarks: Sample area is a vernal pool that receives ru			all local micro		
predominately of hydrophytic vegetation, it does suppor					
		•	•	-	

SOIL Sampling Point: P13/HCP 1193

Redox Features

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth

Matrix

(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-5	10YR 3/1	95	2.5YR 4/8	5	С	RC/M	clay	redox
5-14	10YR 5/3	90	5YR 5/8	10		M	sandy clay	redox
 	10111 0/0		311(0/0			IVI	- Janay Gay	10000
								·
							-	
								·
			uced Matrix, CS=Covered			S. 2		Lining, RC=Root Channel, M=Matrix.
-		able to all	LRRs, unless other					or Problematic Hydric Soils ³ :
Histosol	` '			Redox (S5				ck (A9) (LRR C)
	pipedon (A2) istic (A3)			d Matrix (S Mucky Mir	,			ck (A10) (LRR B) I Vertic (F18)
				-				ent Material (TF2)
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3)								xplain in Remarks)
	uck (A9) (LRR D)	,	X Redox [,	,			,,
	d Below Dark Surfac	e (A11)			rface (F7)			
	ark Surface (A12)	. ,		Depressio			³ Indicators of	hydrophytic vegetation and
Sandy N	Mucky Mineral (S1)		Vernal F	Pools (F9)			wetland h	ydrology must be present,
Sandy 0	Gleyed Matrix (S4)						unless dis	sturbed or problematic.
Restrictive	Layer (if present):							
Type: she	ovel refusal (cobble)							
Depth (inc	hes): 14						Hydric Soil Pres	ent? Yes X No No
Remarks: ro	edox dark surface obs	served thre	oughout soil profile					
HYDROLOG	3Y							
	ا و drology Indicators:						9000	ndary Indicators (2 or more required)
_	= -		ed; check all that appl	v)				/ater Marks (B1) (Riverine)
	· Water (A1)	ZIIO TOQUIII	Salt Crus	•				ediment Deposits (B2) (Riverine)
	ater Table (A2)		X Biotic Cru					rift Deposits (B3) (Riverine)
	ion (A3)		X Aquatic I		es (R13)			rainage Patterns (B10)
	Marks (B1) (Nonrive r	ine)		n Sulfide (ry-Season Water Table (C2)
	ent Deposits (B2) (No	-			eres along	Living Ro		hin Muck Surface (C7)
	posits (B3) (Nonrive	-			eres along ced Iron (C	_	· · · · · · · · · · · · · · · · · · ·	rayfish Burrows (C8)
	Soil Cracks (B6)				tion in Tille	-		aturation Visible on Aerial Imagery (C9)
	ion Visible on Aerial l	magery (F		k Surface		a cons (O		hallow Aquitard (D3)
	Stained Leaves (B9)	iiiageiy (L		kplain in R				AC-Neutral Test (D5)
	,						'	
Field Obser Surface Wat		os V	No Donth (inc	hoe):	2			
Water Table		es X es	No Depth (inc			-		
Saturation P		es es				_	nd Hydrology P	resent? Yes X No
(includes cap			140 V Dehiti (IIIC			— vena	ilia riyarology F	163 A INO
		gauge, mo	nitoring well, aerial ph	notos, prev	/ious inspe	ctions), if	available: n/a	
	` `	, ,	0 /	7.		,,		
		e water, si	urface soil cracks, bio	tic crusts,	and San D	iego fairy	shrimp indicate th	nat the area ponds water and supports
wetland hydro	лоду.							
US Army Cor	ps of Engineers							Arid West – Version 2.0

Project/Site: Otay Southwest Specific Plan		City/Coun	nty: San Dieg	o, CA	Sampling Date: April 11, 2019
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: P14
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	ange: Section 31, T18S F	R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	 32.554246	•	Long: -117.014055	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification	on: Depressional
Are climatic / hydrologic conditions on the site typical for		vear? Yes	X No		
Are Vegetation X, Soil , or Hydrology				· 	
Are Vegetation, Soil, or Hydrology					· · · · · · · · · · · · · · · · · · ·
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poi	nt locations	s, transects, important	t features, etc.
Hydrophytic Vegetation Present? Yes X	_No				
Hydric Soil Present? Yes X	No		he Sampled	YAC)	(No
Wetland Hydrology Present? Yes X	No	— with	nin a Wetlan	d? —	
Remarks: The majority of the vegetation on the site ha	s heen disti	irhed due to	nast land use	s This feature was sample	ed during the growing season and
is considered to meet the wetland criteria.	is been dist	arbed due to	past land use	s. This leature was sample	a during the growing season and
VEGETATION – Use scientific names of plants	; .				
Troo Stratum (Plot aiza:	Absolute	Dominant Species?	Indicator Status	Dominance Test works	
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Sp	
				That Are OBL, FACW, o	. ,
3				Total Number of Domina Species Across All Strat	
				Percent of Dominant Sp	ecies
4		= Total Cove		That Are OBL, FACW, o	
Sapling/Shrub Stratum (Plot size:)		rotal Cove	0 1		
1. none				Prevalence Index work	sheet:
2.				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4.				FACW species	
5.				FAC species	_
		= Total Cove	er	FACU species	x 4 =
Herb Stratum (Plot size:)				UPL species	x 5 =
Psilocarphus brevissimus	30	Y	FACW	Column Totals:	(B)
2. Plantago elongata	<1	N	FACW	Prevalence Index	x = B/A =
3. Festuca perennis	5	N	FAC		
4. Hordeum depressum	1	N	FACW	Hydrophytic Vegetatio	n Indicators:
5				_X Dominance Test is	s >50%
6				Prevalence Index	is ≤3.0¹
7					aptations ¹ (Provide supporting
8					ks or on a separate sheet)
	36	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				4	
1. none				¹ Indicators of hydric soi be present, unless dist	il and wetland hydrology must
2				' '	——————————————————————————————————————
		= Total Cove	er	Hydrophytic	
% Bare Ground in Herb Stratum 64 % Co	ver of Biotic	Crust		Vegetation Present? Yes	es X No
Remarks: Sample area is a vernal pool that receives ru			all local micro		
predominately of hydrophytic vegetation, it does suppor					
litter is present in basin.		-	•		- ·

SOIL Sampling Point: P14

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches) Color (molet) % Color (molet) % Type Loc2 Texture Remarks Topic Color (molet) % Topic Loc2 Texture Remarks	Depth	Matrix	•	Re	edox Featu	ıres				•	
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histocol (A1)			%				Loc ²	Textu	re	Ren	marks
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histocol (A1)	<u> </u>										
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoc Soil (A1)											
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoc Soil (A1)											
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoc Soil (A1)											
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoc Soil (A1)											
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoc Soil (A1)						· ——		_			
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoc Soil (A1)											
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoc Soil (A1)								_			
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoc Soil (A1)											
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histocol (A1)											
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histocol (A1)	1	 .						 			
Histosol (A1)							S				
Histic Epipedon (A2)	-		DIE TO AII LI							-	iric Solis":
Black Histic (A3)		` '									
Hydrogen Sulfide (Ae)					,	,					
Stratified Layers (AS) (LRR C) Depleted Matrix (F3)		` '			-						
Term Muck (A9) (LRR D)					-					, ,	
Depleted Below Dark Surface (A11))		•	,		<u>X</u> Oth	ier (Explain ir	n Remarks)	
Thick Dark Surface (A12)			(111)			` '					
Sandy Mucky Mineral (S1)			(A11)			` '		3Indiant	ara of budram	bytic vocato	tion and
Sandy Gleyed Matrix (\$4) unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Salt Crust (B12) Saturation (A3) Aquatic Invertebrates (B13) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Surface Water (A1) Salt Crust (B12) Torinappe Patterns (B10) Water Marks (B1) (Nonriverine) Drift Deposits (B2) (Nonriverine) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C8) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) Field Observations: Surface Water Present? Yes No X Depth (inches): Water allow the fact that protocol fairy shrimp surveys						is (Fo)					
Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Saturation (A3) Water Marks (B1) (Nonriverine) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B2) (Riverine) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Water Table Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug due to the fact that protocol fairy shrimp surveys		• , ,		vernai F	200IS (F9)						
Type: Depth (inches): Hydric Soil Present? Yes X No Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) High Water Table (A2) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Drift Deposits (B2) (Nonriverine) Fresence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No	Sandy G	sieyed Matrix (54)						urile	ess disturbed	or problema	IUC.
Pydric Soil Present? Yes X No	Restrictive I	_ayer (if present):									
Remarks: No soil pit was dug due because the sample point is outside of the Review Area. However, hydric soils were assumed to be present due to the presence of hydrophytic vegetation and wetland hydrology. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) High Water Table (A2) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Sediment Deposits (B3) (Riverine) Drift Deposits (B3) (Riverine) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B3) (Riverine) Drift Deposits (B3) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Drainage Patterns (B10) Dry-Season Water Table (C2) Dry-Season Water Table (C2) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Dry-Season Water (C3) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Wetland Hydrology Present? Yes X No Cescribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a	Type:			_							
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (inclination of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Saturation (A3) Saturation (A3) Sufface (B1) (Nonriverine) Saturation (A3) Sediment Deposits (B2) (Nonriverine) Sediment Deposits (B2) (Riverine)	Depth (incl	nes):						Hydric Soil	l Present?	Yes X	No
Wetland Hydrology Indicators: Secondary Indicators (2 or more required) Primary Indicators (minimum of one required; check all that apply) — Water Marks (B1) (Riverine) Surface Water (A1) — Salt Crust (B11) — Sediment Deposits (B2) (Riverine) — High Water Table (A2) — Biotic Crust (B12) — Drift Deposits (B3) (Riverine) — Saturation (A3) — Aquatic Invertebrates (B13) — Drainage Patterns (B10) — Water Marks (B1) (Nonriverine) — Hydrogen Sulfide Odor (C1) — Dry-Season Water Table (C2) — Sediment Deposits (B2) (Nonriverine) — Oxidized Rhizospheres along Living Roots (C3) — Thin Muck Surface (C7) — Drift Deposits (B3) (Nonriverine) — Presence of Reduced Iron (C4) — Crayfish Burrows (C8) — X Surface Soil Cracks (B6) — Recent Iron Reduction in Tilled Soils (C6) — Saturation Visible on Aerial Imagery (C9) — Inundation Visible on Aerial Imagery (B7) — Thin Muck Surface (C7) — Shallow Aquitard (D3) — Water-Stained Leaves (B9) — Other (Explain in Remarks) — FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): — Water Table Prese											
Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) Surface Water (A2) Biotic Crust (B12) Drift Deposits (B3) (Riverine) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Dvift Deposits (B2) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Dvift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) Field Observations: Surface Water Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Wetland Hydrology Present? Yes X No Creck indicate that the area ponds water and supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug due to the fact that protocol fairy shrimp surveys	HYDROLOG	SY .									
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High Water Table (A2) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Drainage Pat	Primary Indi	cators (minimum of or	ne required;	check all that appl	y)				Water Ma	arks (B1) (Ri	iverine)
Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug due to the fact that protocol fairy shrimp surveys	Surface	Water (A1)		Salt Crus	t (B11)				Sedimen	t Deposits (E	32) (Riverine)
Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug due to the fact that protocol fairy shrimp surveys	High Wa	ater Table (A2)		Biotic Cru	ıst (B12)			_	Drift Dep	osits (B3) (R	Riverine)
Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No No No No No No No No No N	Saturati	on (A3)		Aquatic I	nvertebrat	es (B13)		-	Drainage	Patterns (B	10)
Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Drift Deposits (B3) (Nonriverine) X Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Thin Muck Surface (C7) Thin Muck Surface (C7) Shallow Aquitard (D3) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Wetland Hydrology Present? Yes No Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug due to the fact that protocol fairy shrimp surveys	— Water M	Marks (B1) (Nonriveri i	ne)	Hydroger	n Sulfide C	Odor (C1)		-	Dry-Seas	on Water Ta	able (C2)
Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) X Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Thin Muck Surface (C7) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No No Depth (inches): Secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug due to the fact that protocol fairy shrimp surveys			-				Livina Ro	ots (C3)			
X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Wetland Hydrology Present? Yes X No (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug due to the fact that protocol fairy shrimp surveys	_		-			_	_	` -/ -			•
Inundation Visible on Aerial Imagery (B7)			- /			-	-	6) -			
Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug due to the fact that protocol fairy shrimp surveys	_		nagery (B7)				(-	-,			• • • •
Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Wetland Hydrology Present? Yes X No (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug due to the fact that protocol fairy shrimp surveys								-			
Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug due to the fact that protocol fairy shrimp surveys		. ,						-			-,
Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug due to the fact that protocol fairy shrimp surveys											
Saturation Present? Yes No X Depth (inches): Wetland Hydrology Present? Yes X No (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug due to the fact that protocol fairy shrimp surveys							_				
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug due to the fact that protocol fairy shrimp surveys											
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug due to the fact that protocol fairy shrimp surveys			es N	No X Depth (inc	hes):		Wetla	and Hydrolo	ogy Present	? Yes_	_XNo
Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug due to the fact that protocol fairy shrimp surveys			auge monit	oring well perial of	notos prev	ioue inene	ctions) if	available: n	1/2		
supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug due to the fact that protocol fairy shrimp surveys	Describe Nec	Dided Data (Stream go	auge, monit	oning wen, aenai pi	iolos, piev	rious irispe	cuoris), ii d	avaliabie. Ti	ı/a		
supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug due to the fact that protocol fairy shrimp surveys											
supports wetland hydrology. Water table level and saturation are not known as a soil pit was not dug due to the fact that protocol fairy shrimp surveys	Remarks: Alti	hough no surface wat	er was pres	ent at the time of th	ne delineat	tion, evider	nce of surf	ace soil cra	cks indicate t	hat the area	ponds water and
were being conducted concurrently.	supports wetla	and hydrology. Water	table level a								•
	were being co	nducted concurrently									

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: <u>San Dieg</u>	0	_Sampling Date:	April 11, 2019
Applicant/Owner: Pardee Homes				State: CA	_Sampling Point:	P15
Investigator(s): Beth Procsal, JR Sundberg		Section	, Township, R	ange: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slop	oe (%): <u>0-2</u>
Subregion (LRR): C - Mediterranean California	Lat: 3	32.554230		Long: 117.014028	Datu	m: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification	on: Depressional	
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation X, Soil , or Hydrology _		-			· ·	X No
Are Vegetation Soil X, or Hydrology						
SUMMARY OF FINDINGS – Attach site map sh	owing sa	mpling poi	nt locations	s, transects, important	t features, etc.	
Hydrophytic Vegetation Present? Yes X	No					
Hydric Soil Present? Yes X	No		he Sampled hin a Wetlan	Yes	X No	
Wetland Hydrology Present? Yes X	No	_ ••••	illi a Wellan	u:		
Remarks: The majority of the vegetation on the site hadoes not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sample	ed during the gro	wing season and
VEGETATION — 030 scientific findings of plants	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Sp	pecies	
1. None				That Are OBL, FACW, o		2 (A)
2				Total Number of Domina Species Across All Strat		2 (B)
4.				Percent of Dominant Sp		(B)
Sapling/Shrub Stratum (Plot size:)	0	= Total Cov	er	That Are OBL, FACW, o	or FAC:	100 (A/B)
1. None				Prevalence Index work	ksheet:	
2.				Total % Cover of:		oly by:
3.				OBL species	x 1 =	
4.				FACW species	x 2 =	
5.				FAC species	x 3 =	
		= Total Cov	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species		
Plagiobothrys acanthocarpus	1	No	OBL	Column Totals:	(A)	(B)
2. Lepidium latipes	<1	No	FACW	Prevalence Inde	x = B/A =	
3. Hordeum depressum	2	Yes	FACW	T TOVAIOTIOO III do	X	
4. Psilocarphus brevissiumus	1	No	FACW	Hydrophytic Vegetatio	on Indicators:	
5. Festuca perennis	2	Yes	FAC	X Dominance Test i	is >50%	
6. Medicago polymorpha	<1	No	FACU	Prevalence Index	is ≤3.0¹	
7. 8.				Morphological Ad data in Remark	aptations¹ (Provi ks or on a separa	
		= Total Co	ver	Problematic Hydro	ophytic Vegetatio	on¹ (Explain)
Woody Vine Stratum (Plot size:)						
1. None 2.				¹ Indicators of hydric so be present, unless dist		
		= Total Cov	er	Hydrophytic		
% Bare Ground in Herb Stratum 0 % Co	ver of Biotic		0	Vegetation	es X No	0
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sm	all local micro	 -watershed. In addition to	the vernal pool co	onsisting
predominately of hydrophytic vegetation, it does suppor brevissimus). Leaf litter is present in basin.						

SOIL Sampling Point: P15

Profile Desc	ription: (Describe t	o the depth ne	eded to docum	ent the indic	cator or c	onfirm t	he absence	e of indicators.)	
Depth	Matrix			edox Feature		1 . 3			5 .	
(inches)	Color (moist)		Color (moist)		Type ¹	Loc ²	Textu		Remarks	<u> </u>
0-3	10YR 4/2	100					sandy cla	<u> </u>		
4-18	10YR 3/2	100					sandy cla	ıy		
							_	-		
	-			· —— -						
							_			
¹ Type: C=Cor	ncentration, D=Depletion	n, RM=Reduced I	Matrix, CS=Covere	ed or Coated Sa	and Grains.	2	Location: PL=	=Pore Lining, RC=	Root Channel, M	=Matrix.
Hydric Soil	Indicators: (Applic	able to all LRF	Rs, unless othe	rwise noted.)		Indicate	ors for Problen	natic Hydric S	oils³:
Histosol	` '			Redox (S5)				m Muck (A9) (L l	•	
	pipedon (A2)			d Matrix (S6)				m Muck (A10) (I		
	istic (A3)			Mucky Miner				duced Vertic (F1	,	
	en Sulfide (A4)	~ \		Gleyed Matrix				d Parent Materia	` '	
	d Layers (A5) (LRR (uck (A9) (LRR D)	ه)		ed Matrix (F3) Dark Surface			<u></u>	er (Explain in R	emarks)	
	d Below Dark Surfac	e (A11)		ed Dark Surfa	` '					
	ark Surface (A12)	- ()		Depressions			3Indicate	ors of hydrophy	tic vegetation a	nd
Sandy N	Mucky Mineral (S1)		Vernal	Pools (F9)	` ,			and hydrology r		
Sandy 0	Gleyed Matrix (S4)						unle	ess disturbed or	problematic.	
Restrictive	Layer (if present):									
Type:										
Depth (inc	hes):		_				Hydric Soil	I Present?	Yes X	No
Remarks: N	lo redox features obs	erved Howeve	r hydric soils ar	e assumed h	ere as pro	blematic	c due to stro	ong indicators of	hvdrophytic ve	egetation and
wetland hydi	rology. This feature is									
conditions, o	or other factors.									
HYDROLOG	2V									
	drology Indicators							Secondary Ind	icators (2 or n	nore required)
1	icators (minimum of		neck all that ann	lv)			-		s (B1) (Riverin	
	Water (A1)	one required, or	Salt Cru	,					eposits (B2) (R	•
	ater Table (A2)			ust (B12)			-		ts (B3) (Riveri i	,
Saturati	, ,			Invertebrates	(B13)		-		atterns (B10)	ile)
	Marks (B1) (Nonrive i	rine)		n Sulfide Odo	. ,		-		ı Water Table (C3)
	ent Deposits (B2) (No			Rhizosphere	, ,	ivina Ro	ots (C3)	Thin Muck S		02)
l —	posits (B3) (Nonrive			e of Reduced	_	-	010 (00)	Crayfish Bu		
	Soil Cracks (B6)			ron Reduction			6) -		/isible on Aeria	I Imagery (C9)
	ion Visible on Aerial	Imagery (B7)		ck Surface (C		000 (0.	-	Shallow Aqu		
	Stained Leaves (B9)	magory (Dr)		xplain in Rem	-		-	FAC-Neutra	` '	
Field Obser			`	<u>'</u>			-			
Surface Wat		es No	X Depth (inc	ches).						
Water Table			X Depth (inc			-				
Saturation P			X Depth (inc			- 1	and Hydrold	ogy Present?	Yes X	No
(includes car		110	Z Deput (iii			-	and riyaron	ogy i resent:	103 <u>X</u>	
Describe Rec	orded Data (stream	gauge, monitori	ing well, aerial p	hotos, previo	us inspect	ions), if a	available:			
Domarka: Alt	hough no ourfood we	tor was presen	at at the time of t	ha dalinaatia	a the proc	ones of	ourfood doil	oracka and Sar	n Diogo foiny ob	rimp indicate
	though no surface war ponds water and sup			ne uellileatioi	i, the pres	ence of	surface SOII	oracks and Saf	ו טופטט ומוזץ sr	ппір пісісате
554	, 300	,	, -3,-							

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: April 11, 2019
Applicant/Owner: Pardee Homes				State: CA Sampling Point: P17
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.552231		Long: -117.013878 Datum: NAD83
Soil Map Unit Name: Olivenhain cobby loam, 30 to 50				
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes X	No	_ le th	ne Sampled	Arna
Hydric Soil Present? Yes X	_No	_ with	nin a Wetlan	YAS X NO
Wetland Hydrology Present? Yes X	No	_		
Remarks: The majority of the vegetation on the site had depressions/vernal pools are problematic due to the seand early spring months each year. VEGETATION – Use scientific names of plants	easonality of			es. The vegetation and hydrology of the seasonal logy restricted to the winter and vegetation to the late winter
VEGETATION COO COLONIANO NAMES OF PRANTE	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species
1. none				That Are OBL, FACW, or FAC: 1 (A)
2. 3.				Total Number of Dominant Species Across All Strata: 1 (B)
4.				Percent of Dominant Species
		= Total Cove	er	That Are OBL, FACW, or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species x 1 =
4				FACW species x 2 =
5				FAC species x 3 =
		= Total Cove	er	FACU species x 4 =
Herb Stratum (Plot size:)			=.0	UPL species x 5 =
1. Hordeum depressum		N	FACW	Column Totals: (A)(B)
2. Festuca perennis		Y	FAC ORL	Prevalence Index = B/A =
3. Plagiobothrys acanthocarpus	1	N	OBL UPL	Lhydraubytia Varatetian Indiastora
4. Hedypnois cretica 5.			— UPL	Hydrophytic Vegetation Indicators:
6				X Dominance Test is >50% Prevalence Index is ≤3.0¹
7				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
<u> </u>	8	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:		10141 001		Troblematic Hydrophytic Vegetation (Explain)
1 none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic Vegetation
	ver of Biotic			Present? Yes X No
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does support basin.				o-watershed. In addition to the vernal pool consisting es (Plagiobothrys acanthocarpus). Leaf litter is present in

SOIL Sampling Point: P17

Depth (inches) Color (moist) 0-2 10YR 3/2 2-10 10YR 3/3	A11)	s, unless oth Sandy Strippe Loamy Loamy Deplet Redox Deplet Redox Verna	perwise note by Redox (S5) bed Matrix (Si by Mucky Min by Gleyed Ma beted Matrix (Fi by Dark Surface beted Dark Surface by Depression al Pools (F9)	d.) 6) eral (F1) trix (F2) (3) ce (F6) face (F7)	²Loca	Indicators for 1 cm Mu 2 cm Mu Reduced Red Part X Other (E	Remarks no redox no redox no redox Lining, RC=Root Channel, M=Matrix. Dr Problematic Hydric Soils³: lick (A9) (LRR C) lick (A10) (LRR B) d Vertic (F18) ent Material (TF2) explain in Remarks) In the distribution of the present
2-10 10YR 3/3 1Type: C=Concentration, D=Depletion, R Hydric Soil Indicators: (Applicable Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR C) 1 cm Muck (A9) (LRR D) Depleted Below Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: shovel refusal (boulder) Depth (inches): 10 Remarks: No redox features observe wetland hydrology. This feature is a second content of the con	A11)	s, unless oth Sandy Strippe Loamy Loamy Deplet Redox Deplet Redox Verna	perwise note by Redox (S5) bed Matrix (Si by Mucky Min by Gleyed Ma beted Matrix (Fi by Dark Surface beted Dark Surface by Depression al Pools (F9)	d.) 6) eral (F1) trix (F2) (3) ce (F6) face (F7)	²Loca	ation: PL=Pore Indicators for 1 cm Mu 2 cm Mu Reduced Red Part X Other (E	Lining, RC=Root Channel, M=Matrix. or Problematic Hydric Soils³: lick (A9) (LRR C) lick (A10) (LRR B) d Vertic (F18) ent Material (TF2) xplain in Remarks) f hydrophytic vegetation and hydrology must be present, sturbed or problematic.
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Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR C) 1 cm Muck (A9) (LRR D) Depleted Below Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: shovel refusal (boulder) Depth (inches): 10 Remarks: No redox features observivelland hydrology. This feature is a second content of the content of	ved. However,	Loamy Loamy Deplet Redox Deplet Redox	y Mucky Min y Gleyed Ma sted Matrix (F x Dark Surfac sted Dark Sur x Depression al Pools (F9)	eral (F1) trix (F2) 3) ce (F6) face (F7)		Reduced Red Pare X Other (E 3Indicators of wetland runless dis	d Vertic (F18) ent Material (TF2) xplain in Remarks) f hydrophytic vegetation and hydrology must be present, sturbed or problematic.
Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR C) 1 cm Muck (A9) (LRR D) Depleted Below Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: shovel refusal (boulder) Depth (inches): 10 Remarks: No redox features observivetland hydrology. This feature is a second content of the	ved. However,	Loamy Deplet Redox Deplet Redox	y Gleyed Ma ted Matrix (F x Dark Surfac ted Dark Sur x Depression al Pools (F9)	trix (F2) (3) ce (F6) face (F7)		Red Part X Other (E 3Indicators of wetland r unless dis	ent Material (TF2) xplain in Remarks) f hydrophytic vegetation and hydrology must be present, sturbed or problematic.
Stratified Layers (A5) (LRR C) 1 cm Muck (A9) (LRR D) Depleted Below Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: shovel refusal (boulder) Depth (inches): 10 Remarks: No redox features observivetland hydrology. This feature is a second content of the	ved. However,	Deplei Redox Deplei Redox Verna	eted Matrix (F x Dark Surface eted Dark Sur x Depression al Pools (F9)	(3) ce (F6) face (F7)		X Other (E 3Indicators of wetland hunless di	explain in Remarks) If hydrophytic vegetation and hydrology must be present, sturbed or problematic.
1 cm Muck (A9) (LRR D) Depleted Below Dark Surface (A Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: shovel refusal (boulder) Depth (inches): 10 Remarks: No redox features observivelland hydrology. This feature is a second control of the	ved. However,	Redox Deplet Redox Verna	x Dark Surfaceted Dark Sur eted Dark Sur x Depression al Pools (F9)	ce (F6) face (F7)		³ Indicators of wetland h unless di	f hydrophytic vegetation and nydrology must be present, sturbed or problematic.
Depleted Below Dark Surface (AT2) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: shovel refusal (boulder) Depth (inches): 10 Remarks: No redox features observiwetland hydrology. This feature is a second control of the short of the short of the second control of the short of	ved. However,	Deplet Redox	eted Dark Sur x Depression al Pools (F9)	face (F7)		wetland h	nydrology must be present, sturbed or problematic.
Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: shovel refusal (boulder) Depth (inches): 10 Remarks: No redox features observiwetland hydrology. This feature is a second control of the control o	ved. However,	Redox Verna	x Depression al Pools (F9)	` '		wetland h	nydrology must be present, sturbed or problematic.
Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: shovel refusal (boulder) Depth (inches): 10 Remarks: No redox features observiwetland hydrology. This feature is a very sent and		Verna	al Pools (F9)			wetland h	nydrology must be present, sturbed or problematic.
Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: shovel refusal (boulder) Depth (inches): 10 Remarks: No redox features observiwetland hydrology. This feature is a very service of the short of th			. ,		Ну	unless di	sturbed or problematic.
Type: shovel refusal (boulder) Depth (inches): 10 Remarks: No redox features observiwetland hydrology. This feature is a very short of the control of the		ماند مشامرها			Ну	dric Soil Pres	sent? Yes X No
Type: shovel refusal (boulder) Depth (inches): 10 Remarks: No redox features observiwetland hydrology. This feature is a very short of the control of the		و داند و دنواد روا			Ну	dric Soil Pres	sent? Yes X No
Depth (inches): 10 Remarks: No redox features observited wetland hydrology. This feature is a second control of the control o		hudria asila a			Ну	dric Soil Pres	sent? Yes X No
Remarks: No redox features observe wetland hydrology. This feature is a		م حالت ما تام					
				nd may lack	hydric soil i	ndicators due	e to limited saturation depth, saline
HYDROLOGY							
Wetland Hydrology Indicators:						Seco	ndary Indicators (2 or more required
Primary Indicators (minimum of one	e required; che	eck all that ap	oply)			v	Vater Marks (B1) (Riverine)
Surface Water (A1)		Salt Cri	rust (B11)			s	Sediment Deposits (B2) (Riverine)
High Water Table (A2)		Biotic C	Crust (B12)				Orift Deposits (B3) (Riverine)
Saturation (A3)		X Aquatio	c Invertebrate	es (B13)			Prainage Patterns (B10)
Water Marks (B1) (Nonriverine	e)	Hydrog	gen Sulfide C	dor (C1)			Ory-Season Water Table (C2)
Sediment Deposits (B2) (Nonriv	verine)	Oxidize	ed Rhizosphe	eres along Li	ing Roots	(C3)T	hin Muck Surface (C7)
Drift Deposits (B3) (Nonriverine	e)		nce of Reduc				Crayfish Burrows (C8)
X Surface Soil Cracks (B6)		Recent	t Iron Reduct	ion in Tilled S	Soils (C6)		Saturation Visible on Aerial Imagery (C9)
Inundation Visible on Aerial Ima	agery (B7)		luck Surface	` ,			Shallow Aquitard (D3)
Water-Stained Leaves (B9)		Other ((Explain in Re	emarks)		F	AC-Neutral Test (D5)
Field Observations:							
Surface Water Present? Yes	No_	X Depth (ir	nches):				
Water Table Present? Yes	No_	X Depth (ir	nches):				
	No_	X Depth (ir	nches):		Wetland	Hydrology F	Present? Yes X No
(includes capillary fringe)	., .				\ .r		
Describe Recorded Data (stream gau	ige, monitorin	g well, aerial	pnotos, prev	ious inspecti	ons), if avai	lable: n/a	
Remarks: Although no surface water	was present	at the time of	f the delineat	ion, the pres	ence of surf	ace soil crac	ks and San Diego fairy shrimp indicate
that the area ponds water and suppor				,	3111		3,
po and cappor		drology.					
period fraction and suppor		drology.					

Investigator(s): Beth Proceal, Jamie Sue McBee Section, Township, Range: Section 31, T16S R01W Slope (%): 0.2 Landform (fillslope, terrace, etc.): meas top Local relief (concave, convex, none): concave Slope (%): 0.2 Subregion (LRR); L'RR-C Lat 32, S54328 Long: :1170,22655 Datum: NAD83 Soil May Unit Name: Huerhuero loam, 2 to 9 percent slopes NM1 classification: Freshwater Emergent We Are climate? In the set to pical for first time of year? Yes Mo (If no, explain in Remarks.) Are Vegetation X. Soil N. Freshwater Emergent We Are climate? In the set to pical for first time of year? Yes X. No (If no, explain in Remarks.) Are Vegetation X. Soil N. Freshwater Emergent We Are Subration No.	Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA	Sampling Date: April 23, 201	19
Landform (hillslope, terrace, etc.): mesa top	Applicant/Owner: Pardee Homes				State: CA	_Sampling Point: VPHCP 135	<u>; </u>
Subregion (LRR): LRRC	Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	tange: Section 31, T18S F	R01W	
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slopes Are dimato? hydrologic conditions on the site typical for this time of year? Yes X No (ff.no. explain in Remarks.) Are Vesgetation X, Soil X, or Hydrology significantly disturbed? Yes Are "Nomaticincurstances" present? Yes X, No Are Vegetation Present? Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes X, No (third a Wetland Pytrology Present? Yes X, No (third a Wetland Pytrology Present? Yes X, No (third a Wetland Pytrology Present? Yes X, No (third a Wetland Pytrology Present? Yes X, No (third a Wetland Pytrology Present? Yes X, No (third a Wetland Pytrology Present? Yes X, No (third a Wetland Pytrology Present? Yes X, No (third a Wetland?) Remarks: The majority of the vegetation on the sile has been disturbed due to past land uses. This feature was sampled during the growing seasor meets the wetland criteria. VEGETATION – Use scientific names of plants. Tee Stratum (Plot size:) Absolute Dominant Stratus Stratus (Plot size:) Absolute Dominant Stratus (Plot size:) Absolute Dominant Stratus (Plot size:) Absolute Dominant Species That Are OBL, FACW, or FAC: 1 (A Species Scand Stratus; 1 (E Sagiling/Shrub Stratum (Plot size:) 1 (A Species Scand Stratus; 1 (E Sagiling/Shrub Stratum (Plot size:) 1 (A Species Scand Stratus; 1 (E Species Scand Stratus; 1 (E Sagiling/Shrub Stratum (Plot size:) 1 (A Species Scand Stratus; 1 (B Spec	Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%): 0-2	
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.) Are Vegetation X Soil x or hydrology significantly disturbed? Yes Are "Normal Circumstances" present? Yes X No Are Vegetation Soil X or hydrology naturally problematic? Yes (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes X No Hydrology Present Present? Yes X No Hydrology Present Present? Yes X No Hydrology Present Present? Yes X No Hydrology Present Present? Yes X No Hydrology Present Present? Yes X No Hydrology Present Present? Yes X No Hydrology Present Present? Yes X No Hydrology Present	Subregion (LRR): LRR-C	Lat:	32.554328		Long: -117.022655	Datum: NAD83	
Are Vegetation X, Soil , or Hydrologysignificantly disturbed? Yes							land
Are Vegetation X, Soil , or Hydrologysignificantly disturbed? Yes	Are climatic / hydrologic conditions on the site typical for	or this time of	f year? Yes	X No	(If no, explain in	Remarks.)	
Are Vegetation							
SUMMARY OF FINDINGS — Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland? Yes X No Wetland? Yes X No Wetland? Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing seasor meets the wetland criteria. VEGETATION – Use scientific names of plants. Tree Stratum (Plot size:) Absolute Species? Slatus No Wetland? 1. none Security Species? Slatus No Species? Slatus No Species Across All Strata: 1 (A Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A Number of Dominant Species That Are OBL, FACW, or FAC: 100 (A Number o	Are Vegetation , Soil X, or Hydrology	natur	ally problema	tic? Yes	(If needed, explain any ans	swers in Remarks.)	
Hydrophytic Vegetation Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland? 							
Hydric Soil Present? Yes X No Within a Wetland? Yes X No Wetland Hydrology Present? Yes X No Within a Wetland? Yes X No Wetland Hydrology Present? Yes X No Within a Wetland? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland? Wetland? Yes X No Wetland? Wetland	SUMMARY OF FINDINGS – Attach site map s	nowing sa		nt locations	s, transects, important	t reatures, etc.	
Hydric Soil Present? Yes X No Within a Wetland? Yes X No Wetland Hydrology Present? Yes X No Within a Wetland? Yes X No Wetland Hydrology Present? Yes X No Within a Wetland? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland? Wetland? Yes X No Wetland? Wetland	Hydrophytic Vegetation Present? Yes X	No	,_4	0 1 1	A		
Weldand Hydrology Present? Yes X No	Hydric Soil Present? Yes X	No		•	VΔC)	X No	
VEGETATION – Use scientific names of plants. Tree Stratum (Plot size:	Wetland Hydrology Present? Yes X	No	_ '''	iii a wodaii	u.		
VEGETATION – Use scientific names of plants. Tree Stratum (Plot size:	Remarks: The majority of the vegetation on the site h	nas been dist	urbed due to	past land use	es. This feature was sample	ed during the growing season	and
Absolute Nominant Indicator Species Status Status Number of Dominant Species Status Spec				•	,	3 3 3	
Absolute Nominant Indicator Species Status Status Number of Dominant Species Status Spec							
Absolute Nominant Indicator Species Status Status Number of Dominant Species Status Spec							
Tree Stratum (Plot size:) % Cover Species? Status Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A Total Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A Total Number of Dominant Species Across All Strata: 1 (E Percent of Dominant Species Across All Strata: 1 (E Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A Total Number of Dominant Species That Are OBL, FACW, or FAC: 100 (A Total Number of Dominant Species That Are OBL, FACW, or FAC: 100 (A Total Number of Dominant Species Total Number of Dominant Species That Are OBL, FACW, or FAC: 100 (A Total Number of Dominant Species That Are OBL, FACW, or FAC: 100 (A Total Number of Dominant Species That Are OBL, FACW, or FAC: 100 (A Total Number of Dominant Species That Are OBL, FACW, or FAC: 100 (A Total Number of Dominant Species That Are OBL, FACW, or FAC: 100 (A Total Number of Dominant Species That Are OBL, FACW, or FAC: 100 (A Total Number of Dominant Species That Are OBL, FACW, or FAC: 100 (A Total Number of Dominant Species That Are OBL, FACW, or FAC: 100 (A Total Number of Dominant Species That Are OBL, FACW, or FAC: 100 (A Total Number of Dominant Species That Are OBL, FACW, or FAC: 100 (A Total Number of Dominant Species That Are OBL, FACW, or FAC: 100 (A Total Number of Dominant Species That Are OBL, FACW, or FAC: 100 (A Total Number of Dominant Species That Are OBL, FACW, or FAC: 100 (A Total Number of Dominant Species That Are OBL, FACW, or FAC: 100 (A Total Number of Dominant Species That Are OBL, FACW, or FAC: 100 (A Total Number of Dominant Species That Are OBL, FACW, or FAC: 100 (A Total Number of Dominant Species Total Cover Total Number of Dominant Species That Are OBL, FACW, or FAC: 100 (A Total Number of Dominant Species Total Number of Dominant S	VEGETATION – Use scientific names of plant						
1.	Tree Stratum (Plot size:						
2.		70 00101					,
Species Across All Strata: 1 (E	2.					. ,	
A	0					ta·	,
Sapling/Shrub Stratum (Plot size:) 1. none	1					pecies	
1. none				er	That Are OBL, FACW, o	or FAC: 100 (A/	В)
2.	Sapling/Shrub Stratum (Plot size:						
OBL species x 1 =	1. none				Prevalence Index work	ksheet:	
4.	2				Total % Cover of:	Multiply by:	
FAC species x 3 =	3						
Herb Stratum (Plot size:)	4				FACW species	x 2 =	
Herb Stratum (Plot size:) 1. Psilocarphus brevissimus 1 N FACW Column Totals: (A)	5						
1. Psilocarphus brevissimus 1 N FACW Column Totals: (A) (B) 2. Festuca perennis 95 Y FAC Prevalence Index = B/A = 3. Hordeum murinum 1 N FACU Hydrophytic Vegetation Indicators: 4. Bromus madritensis 1 N UPL Hydrophytic Vegetation Indicators: 5. Erodium botrys 1 N FACU X Dominance Test is >50% 6. Avena sp 1 N UPL Prevalence Index is ≤3.0¹ 7. Morphological Adaptations¹ (Provide supportin data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) Woody Vine Stratum (Plot size:) 1 100 = Total Cover Indicators of hydric soil and wetland hydrology mus be present, unless disturbed or problematic. 2. = Total Cover Hydrophytic Vegetation			= Total Cove	er	· —		
2. Festuca perennis 95 Y FAC Prevalence Index = B/A = 3. Hordeum murinum 1 N FACU Hydrophytic Vegetation Indicators: 4. Bromus madritensis 1 N UPL Hydrophytic Vegetation Indicators: 5. Erodium botrys 1 N FACU X Dominance Test is >50% 6. Avena sp 1 N UPL Prevalence Index = B/A = 7. Wordphytic Vegetation Indicators: X Dominance Test is >50% Prevalence Index = B/A = X Dominance Test is >50% Prevalence Index = B/A = X Dominance Test is >50% Prevalence Index = B/A = X Dominance Test is >50% Prevalence Index = B/A = X Dominance Test is >50% Prevalence Index = B/A = X Dominance Test is >50% Prevalence Index = B/A = X Dominance Test is >50% Prevalence Index = B/A = X Dominance Test is >50% Prevalence Index = B/A = X Dominance Test is >50% Prevalence Index = B/A = Y Dominance Test is >50% Prevalence Index = B/A = Y Dominance Test is >50% <td></td> <td></td> <td></td> <td></td> <td>· -</td> <td></td> <td></td>					· -		
3. Hordeum murinum 4. Bromus madritensis 5. Erodium botrys 6. Avena sp 7.					Column Totals:	(A)(B)	
4. Bromus madritensis 1 N UPL 5. Erodium botrys 6. Avena sp 1 N UPL 7. Morphological Adaptations¹ (Provide supportin data in Remarks or on a separate sheet) Woody Vine Stratum (Plot size: 1 N UPL 100 = Total Cover 1 Indicators of hydric soil and wetland hydrology mus be present, unless disturbed or problematic. 1 N UPL Morphological Adaptations¹ (Provide supportin data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) 1 Indicators of hydric soil and wetland hydrology mus be present, unless disturbed or problematic. 1 Hydrophytic Vegetation					Prevalence Index	x = B/A =	
5. Erodium botrys 1 N FACU X Dominance Test is >50% 6. Avena sp 1 N UPL Prevalence Index is ≤3.0¹ 7. Morphological Adaptations¹ (Provide supportin data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) 8. 100 = Total Cover Problematic Hydrophytic Vegetation¹ (Explain) 1. none ¹Indicators of hydric soil and wetland hydrology mus be present, unless disturbed or problematic. 2. = Total Cover Hydrophytic Vegetation		- 					
6. Avena sp 1 N UPL Prevalence Index is ≤3.0¹ Morphological Adaptations¹ (Provide supportin data in Remarks or on a separate sheet) 100 = Total Cover Problematic Hydrophytic Vegetation¹ (Explain) 1. none 2. = Total Cover Hydrophytic Vegetation Hydrophytic Vegetation		- 					
7							
8	· ·	1	N	UPL			
Moody Vine Stratum (Plot size:) 100 = Total Cover			· 				1
Woody Vine Stratum (Plot size:) 1. none 2	0		- Total Cov			,	
1. none 2.	Woody Vine Stratum (Plot size:		- 10tal C01	/ei	Problematic Hydro	opnytic vegetation (Explain)	
2 be present, unless disturbed or problematic = Total Cover	1 none	,			1 Indicators of bydrio as	il and watland bydralogy must	.
= Total Cover Hydrophytic Vegetation							
Vegetation	2.	=	- Total Cov			·	\dashv
			- Total Cove	31			
% Bare Ground in Herb Stratum 0 % Cover of Biotic Crust Present? Yes X No	% Bare Ground in Herb Stratum 0 % C	over of Biotic	Crust			es X No	
Remarks: Sample area is a vernal pool that receives runoff from a relatively small local micro-watershed. In addition to the vernal pool consisting	Remarks: Sample area is a vernal pool that receives i	runoff from a	relatively sma	all local micro	⊥ p-watershed. In addition to t	the vernal pool consisting	-
predominately of hydrophytic vegetation, it does support one vernal pool plant indicator species (Psilocarphus brevissimus). Leaf litter is present in ba							sin.

SOIL Sampling Point: VPHCP 135

Depth	scription: (Describe to Matrix	<u> </u>		dox Feat	ures		_		•	
(inches)	Color (moist)	%	Color (moist)	%	_Type ¹ _	Loc ²	Textu	re	Remarks	
0-1	10YR 4/1	99 10	YR 4/4	1	С	RC/M	sandy cla	ıy	redox	
1-6	10YR 4/1	100					sandy cla	ıy	no redox	
	_									
¹ Type: C=Co	oncentration, D=Depletion	n, RM=Reduced	Matrix, CS=Covered	or Coated	Sand Grain	s. ²			ining, RC=Root Channel, M=Matrix.	
Hydric So	oil Indicators: (Applic	able to all LRI	Rs, unless other	wise note	ed.)		Indicate	ors fo	r Problematic Hydric Soils ³ :	
Histoso	` '			ledox (S5					k (A9) (LRR C)	
	Epipedon (A2)			Matrix (S	,				k (A10) (LRR B)	
	Histic (A3)			,	neral (F1)				Vertic (F18)	
`	gen Sulfide (A4) ed Layers (A5) (LRR (~)		Gleyed Ma d Matrix (F					nt Material (TF2) plain in Remarks)	
	Muck (A9) (LRR D)	•)		ark Surfa	,		<u></u>	CI (LX	piaiii iii ixeiriaiks)	
	ted Below Dark Surfac	e (A11)			rface (F7)					
	Dark Surface (A12)	,		epressio	, ,		3Indicate	ors of I	hydrophytic vegetation and	
Sandy	Mucky Mineral (S1)		Vernal P	ools (F9)			wetl	and hy	drology must be present,	
Sandy	Gleyed Matrix (S4)						unle	ss dist	turbed or problematic.	
Restrictive	Layer (if present):									
Type: sl	hovel refusal (compac	t coil)								
, <u> </u>	nover rerusar (compac	t soii)	_							
Depth (in Remarks: I hydrophytic	nches): 6 Redox observed withir	n top layer in in	This feature is a v	ernal poo	l that is sea	sonally p	onded and r	as pro	ent? Yes X No	
Depth (in Remarks: I hydrophytic saturation c	nches): 6 Redox observed within c vegetation and wetla depth, saline condition	n top layer in in	This feature is a v	ernal poo	l that is sea	sonally p	sumed here onded and r	as pro	blematic due to strong indicator	
Depth (in Remarks: I hydrophytic saturation c	Redox observed withing vegetation and wetland depth, saline condition	n top layer in in nd hydrology. ⁷ s, or other fact	This feature is a v	ernal poo	l that is sea	sonally p	sumed here onded and r nce.	as pro may lad	blematic due to strong indicator ck hydric soil indicators due to li	imited
Depth (in Remarks: I hydrophytic saturation control of the ITDROLO Wetland H	Redox observed within a vegetation and wetla depth, saline condition.	n top layer in in nd hydrology. ⁻ s, or other fact	This feature is a voors, which may ind	ernal poo clude hun	l that is sea	sonally p	sumed here onded and r nce.	as pro nay lad	blematic due to strong indicator ck hydric soil indicators due to li	imited
Depth (in Remarks: I hydrophytic saturation of Methods of Methods of Primary Inc.	Redox observed withing vegetation and wetlandepth, saline condition OGY Hydrology Indicators: dicators (minimum of o	n top layer in in nd hydrology. ⁻ s, or other fact	This feature is a voors, which may independent of the control of t	ernal poo clude hun	l that is sea	sonally p	sumed here onded and r nce.	as promay lad	blematic due to strong indicator ck hydric soil indicators due to li	imited
Depth (in Remarks: I hydrophytic saturation c HYDROLO Wetland F Primary Inc Surface	Redox observed within a vegetation and wetlandepth, saline condition OGY Hydrology Indicators dicators (minimum of one Water (A1)	n top layer in in nd hydrology. ⁻ s, or other fact	This feature is a voors, which may income in the may income in the may income in the may income in the man in	ernal poo clude hun /) t (B11)	l that is sea	sonally p	sumed here onded and r nce.	as promay lad	blematic due to strong indicator ck hydric soil indicators due to li dary Indicators (2 or more reater Marks (B1) (Riverine)	imited
Depth (in Remarks: I hydrophytic saturation c HYDROLO Wetland F Primary Inc Surfac High V	Redox observed withing vegetation and wetlandepth, saline condition OGY Hydrology Indicators: dicators (minimum of other water (A1) Nater Table (A2)	n top layer in in nd hydrology. ⁻ s, or other fact	This feature is a voors, which may income in the may income in the may income in the may be all that apply a salt Crust in the Biotic Crust in the may be a salt Crust in the may be a salt Crust in the may be a salt Crust	ernal poo clude hun y) t (B11) est (B12)	l that is sea man-caused	sonally p	sumed here onded and r nce.	as promay lad	blematic due to strong indicators ck hydric soil indicators due to lindicators due to lindicators (2 or more relater Marks (B1) (Riverine) diment Deposits (B2) (Riverine) ift Deposits (B3) (Riverine)	imited
Depth (in Remarks: I hydrophytic saturation of Section 1) Primary Inc. By Surface High V Satura	Redox observed withing vegetation and wetland depth, saline conditions OGY Hydrology Indicators: dicators (minimum of observed (A1)) Water Table (A2) action (A3)	n top layer in in nd hydrology. s, or other fact	This feature is a voors, which may income the control of the contr	ernal poo clude hun y) t (B11) est (B12) nvertebrat	I that is sea man-caused	sonally p	sumed here onded and r nce.	as promay lad	dary Indicators (2 or more reater Marks (B1) (Riverine) diment Deposits (B2) (Riverine) dinage Patterns (B10)	imited
Depth (in Remarks: I hydrophytic saturation of HYDROLO Wetland F Primary Inc Surfac High V Satura Water	Redox observed withing vegetation and wetlandepth, saline conditions OGY Hydrology Indicators: dicators (minimum of other Water (A1) Vater Table (A2) ation (A3) Marks (B1) (Nonriver	n top layer in in nd hydrology. s, or other factors: cone required; cone required; cone	heck all that apply Salt Crust Biotic Cru Aquatic Ir	ernal poo clude hun /) t (B11) ist (B12) ivertebrat i Sulfide (I that is sea man-caused	isonally pr	sumed here onded and race.	secon Wa Secon Dri	blematic due to strong indicators ck hydric soil indicators due to lindicators due to lindicators due to lindicators (2 or more relater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) edimage Patterns (B10) sy-Season Water Table (C2)	imited
Depth (in Remarks: I hydrophytic saturation of HYDROLO Wetland H Primary Inc Surfac High V Satura Water Sedim	Redox observed withing vegetation and wetland depth, saline conditions OGY Hydrology Indicators: dicators (minimum of observed (A1)) Water Table (A2) action (A3)	n top layer in in nd hydrology. The state of the state of	heck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized	ernal poo clude hun y) t (B11) st (B12) nvertebrat i Sulfide (Rhizosph	tes (B13)	isonally pr disturbar	sumed here onded and race.	as promay lad	dary Indicators (2 or more reater Marks (B1) (Riverine) diment Deposits (B2) (Riverine) dinage Patterns (B10)	imited
Depth (in Remarks: I hydrophytic saturation of HYDROLO Wetland H Primary In Surface High V Satura Water Sedim Drift D	Redox observed withing vegetation and wetlandepth, saline conditions. OGY Hydrology Indicators: dicators (minimum of other Water (A1) Nater Table (A2) ation (A3) Marks (B1) (Nonriverment Deposits (B2) (No	n top layer in in nd hydrology. The state of the state of	heck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence	ernal poo clude hun y) t (B11) est (B12) nvertebrat u Sulfide (Rhizosph of Reduc	tes (B13) Ddor (C1) eres along	isonally produced disturbanged	sumed here onded and rince.	Secon Wa Se Dri Dr: Th	iblematic due to strong indicators ck hydric soil indicators due to lick hydric soil indicators due to lick hydric soil indicators due to lick hydric soil indicators (2 or more relater Marks (B1) (Riverine) diment Deposits (B2) (Riverine) diment Deposits (B3) (Riverine) dinage Patterns (B10) y-Season Water Table (C2) in Muck Surface (C7)	equired
Depth (in Remarks: I hydrophytic saturation of HYDROLO Wetland F Primary Inc Surface High V Satura Water Sedim Drift D X Surface	Redox observed withing vegetation and wetlandepth, saline condition OGY Hydrology Indicators: dicators (minimum of observed (A2) atton (A3) Marks (B1) (Nonriver ment Deposits (B2) (Nonriver Ment)	n top layer in in nd hydrology. 's, or other factors, or other factors one required; cone required; cone rine)	heck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence	ernal poo clude hun y) t (B11) est (B12) evertebrat a Sulfide (Rhizosph of Reduc on Reduc	tes (B13) Ddor (C1) eres along ced Iron (C4	isonally produced disturbanged	sumed here onded and rince.	Secon Wa Se Dri Dra Th Cra Sa	dary Indicators (2 or more reater Marks (B1) (Riverine) adiment Deposits (B2) (Riverine) ainage Patterns (B10) y-Season Water Table (C2) in Muck Surface (C7) ayfish Burrows (C8)	equired
Depth (in Remarks: I hydrophytic saturation of IYDROLO Wetland F Primary Inc Surfac High V Satura Water Sedim Drift D X Surfac Inunda	Redox observed withing vegetation and wetlandepth, saline condition OGY Hydrology Indicators: dicators (minimum of observed (A1) Nater Table (A2) ation (A3) Marks (B1) (Nonriver ment Deposits (B2) (No observed (B3)) Deposits (B3) (Nonriver (B3)) Deposits (B3) (Nonriver (B3))	n top layer in in nd hydrology. 's, or other factors, or other factors one required; cone required; cone rine)	heck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Recent Ire	ernal poo clude hun y) t (B11) st (B12) nvertebrat s Sulfide (Rhizosph of Reduc k Surface	tes (B13) Ddor (C1) eres along ced Iron (C4 tion in Tiller	isonally produced disturbanged	sumed here onded and rince.	Secon Wa Se Dri Dra Cra Sa Sh	dary Indicators (2 or more reater Marks (B1) (Riverine) adiment Deposits (B2) (Riverine) ainage Patterns (B10) y-Season Water Table (C2) in Muck Surface (C7) ayfish Burrows (C8) attraction Visible on Aerial Image	equired
Depth (in Remarks: I hydrophytic saturation of HYDROLO Wetland H Primary In Surface High V Satura Water Sedim Drift D X Surface Inunda Water	Redox observed withing vegetation and wetlandepth, saline conditions. OGY Hydrology Indicators: dicators (minimum of observed (A2) atton (A3) Marks (B1) (Nonrivernent Deposits (B2) (Nonrivernent Deposits (B3) (Nonrivernent Deposits (B6) atton Visible on Aerial Stained Leaves (B9)	n top layer in in nd hydrology. 's, or other factors, or other factors one required; cone required; cone rine)	heck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ira Thin Mucl	ernal poo clude hun y) t (B11) st (B12) nvertebrat s Sulfide (Rhizosph of Reduc k Surface	tes (B13) Ddor (C1) eres along ced Iron (C4 tion in Tiller	isonally produced disturbanged	sumed here onded and rince.	Secon Wa Se Dri Dra Cra Sa Sh	dary Indicators (2 or more relater Marks (B1) (Riverine) adiment Deposits (B2) (Riverine) ainage Patterns (B10) y-Season Water Table (C2) in Muck Surface (C7) ayfish Burrows (C8) atturation Visible on Aerial Image allow Aquitard (D3)	equired
Depth (in Remarks: I hydrophytic saturation of HYDROLO Wetland F Primary Inc Surface High V Satura Water Sedim Drift D X Surface Inunda Water- Field Obse	Redox observed withing vegetation and wetlandepth, saline conditions. OGY Hydrology Indicators: dicators (minimum of observed (A1)) Water Table (A2) ation (A3) Marks (B1) (Nonriver (B2)) Marks (B3) (Nonriver (B3)) Marks (B3) (Nonriver (B4)) Marks (B4) (Nonriver (B4)) Marks (B6) (Nonriver (B6))	n top layer in in nd hydrology. s, or other factors, or other factors one required; cone required; coning in the latest of the l	heck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ira Thin Mucl	ernal poo clude hun t (B11) est (B12) nvertebrat a Sulfide (Rhizosph of Reduc on Reduc k Surface	tes (B13) Ddor (C1) eres along ced Iron (C4 tion in Tiller	isonally produced disturbanged	sumed here onded and rince.	Secon Wa Se Dri Dra Cra Sa Sh	dary Indicators (2 or more relater Marks (B1) (Riverine) adiment Deposits (B2) (Riverine) ainage Patterns (B10) y-Season Water Table (C2) in Muck Surface (C7) ayfish Burrows (C8) atturation Visible on Aerial Image allow Aquitard (D3)	equired
Depth (in Remarks: I hydrophytic saturation of HYDROLO Wetland F Primary Inc Surface High V Satura Water Sedim Drift D X Surface Inunda Water- Field Obse Surface Wa	Redox observed withing vegetation and wetlandepth, saline condition OGY Hydrology Indicators: dicators (minimum of observed (A1) Water Table (A2) ation (A3) Marks (B1) (Nonriver (B2) (Nonriver (B3) in top layer in in and hydrology. So, or other factors, or other factors one required; cone required; cone rine) Imagery (B7)	heck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl	ernal poo clude hun y) t (B11) est (B12) nvertebrat u Sulfide (Rhizosph of Reduc on Reduc k Surface eplain in R	tes (B13) Ddor (C1) eres along ced Iron (C4 tion in Tiller	isonally produced disturbanged	sumed here onded and rince.	Secon Wa Se Dri Dra Cra Sa Sh	dary Indicators (2 or more relater Marks (B1) (Riverine) adiment Deposits (B2) (Riverine) ainage Patterns (B10) y-Season Water Table (C2) in Muck Surface (C7) ayfish Burrows (C8) atturation Visible on Aerial Image allow Aquitard (D3)	equired	
Depth (in Remarks: I hydrophytic saturation of IYDROLO Wetland F Primary Inc Surfac High V Satura Water Sedim Drift D X Surfac Inunda Water- Field Obse Surface Wa Water Table	Redox observed withing vegetation and wetlandepth, saline conditions of the condition of th	in top layer in in high hydrology. The second required; cone requi	heck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex	ernal poo clude hun y) t (B11) st (B12) nvertebrat s Sulfide (Rhizosph of Reduc on Reduc k Surface plain in R	tes (B13) Ddor (C1) eres along ced Iron (C4 tion in Tiller	Living Ro	sumed here onded and rince.	Secon Wa Se Dri Dra Th Cra Sa Sh	dary Indicators (2 or more reater Marks (B1) (Riverine) addinational (B2) (Riverine) addinational (B3) (Riverine) addinational (B4) (Riverine) addinational (B4) (Riverine) addinational (B4) ad	equired
Depth (in Remarks: I hydrophytic saturation of Saturation of Saturation of Saturation of Saturation of Saturation of Saturation of Saturation I (includes caturation I (includes catura	Redox observed withing vegetation and wetlandepth, saline conditions of the condition of th	in top layer in in and hydrology. "s, or other factors, or other f	heck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex	ernal pooclude hun (/) t (B11) ist (B12) ivertebrat i Sulfide (Rhizosph of Reduct on Reduct k Surface plain in R nes): nes):	tes (B13) Ddor (C1) eres along ced Iron (C4 tion in Tilled	Living Ro 4) d Soils (C	ots (C3)	Secon Wa Se Dri Dra Cra Sa Sh FA	dary Indicators (2 or more reater Marks (B1) (Riverine) addinational (B2) (Riverine) addinational (B3) (Riverine) addinational (B4) (Riverine) addinational (B4) (Riverine) addinational (B4) ad	equired
Depth (in Remarks: I hydrophytic saturation of HYDROLO Wetland F Primary Inc Surface High V Satura Water Sedim Drift D X Surface Inunda Water- Field Obse Surface Wa Water Table Saturation I (includes ca	Redox observed withing vegetation and wetlandepth, saline conditions. OGY Hydrology Indicators: dicators (minimum of observed (A1) Water Table (A2) ation (A3) Marks (B1) (Nonrivertient Deposits (B2) (Norrivertient Deposits (B3) (Nonrivertient Deposits (B3) (Nonrivertient Deposits (B6) ation Visible on Aerial (I) -Stained Leaves (B9) Present? Present?	in top layer in in and hydrology. "s, or other factors, or other f	heck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex	ernal pooclude hun (/) t (B11) ist (B12) ivertebrat i Sulfide (Rhizosph of Reduct on Reduct k Surface plain in R nes): nes):	tes (B13) Ddor (C1) eres along ced Iron (C4 tion in Tilled	Living Ro 4) d Soils (C	ots (C3)	Secon Wa Se Dri Dra Cra Sa Sh FA	dary Indicators (2 or more reater Marks (B1) (Riverine) addinational (B2) (Riverine) addinational (B3) (Riverine) addinational (B4) (Riverine) addinational (B4) (Riverine) addinational (B4) ad	equired
Depth (in Remarks: I hydrophytic saturation of HYDROLO Wetland F Primary Inc Surface High V Satura Water Sedim Drift D X Surface Inunda Water- Field Obse Surface Wa Water Table Saturation I (includes ca	Redox observed withing vegetation and wetlandepth, saline conditions of the condition of th	in top layer in in and hydrology. "s, or other factors, or other f	heck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex	ernal pooclude hun (/) t (B11) ist (B12) ivertebrat i Sulfide (Rhizosph of Reduct on Reduct k Surface plain in R nes): nes):	tes (B13) Ddor (C1) eres along ced Iron (C4 tion in Tilled	Living Ro 4) d Soils (C	ots (C3)	Secon Wa Se Dri Dra Cra Sa Sh FA	dary Indicators (2 or more reater Marks (B1) (Riverine) addinational (B2) (Riverine) addinational (B3) (Riverine) addinational (B4) (Riverine) addinational (B4) (Riverine) addinational (B4) ad	equired
Depth (in Remarks: I hydrophytic saturation of saturation of saturation of saturation of saturation of saturation of saturation of saturation of saturation I (includes carbos Residue) Describe Residue of saturation I (includes carbos Residue) Describe Residue of saturation I (includes carbos Residue)	Redox observed withing evegetation and wetlandepth, saline conditions. OGY Hydrology Indicators: dicators (minimum of observed withing every minimum of observed within every minimum of observed within every minimum of observed within every mi	in top layer in in and hydrology. So, or other factors, or other f	heck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized I Presence Recent Ir Thin Mucl Other (Ex	ernal pooclude hun (/) t (B11) st (B12) nvertebrat Sulfide (Rhizosph of Reduct on Reduct k Surface cplain in R nes): nes): otos, prev	tes (B13) Ddor (C1) eres along ced Iron (C4 tion in Tilled (C7) Remarks)	Living Ro 4) d Soils (C	ots (C3) - and Hydrold	Secon Wa Se Dri Dra Sa Sh FA	indary Indicators (2 or more restater Marks (B1) (Riverine) Indicators (B2) (Riverine) Indicators (B3) (Riverine) Indicators (B3) (Riverine) Indicators (B4)	equired
Depth (in Remarks: I hydrophytic saturation of Saturation	Redox observed withing evegetation and wetlandepth, saline conditions. OGY Hydrology Indicators: dicators (minimum of observed withing every minimum of observed within every minimum of observed within every minimum of observed within every mi	in top layer in in and hydrology. So, or other factors, or other f	heck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized I Presence Recent Ir Thin Mucl Other (Ex	ernal pooclude hun (/) t (B11) st (B12) nvertebrat Sulfide (Rhizosph of Reduct on Reduct k Surface cplain in R nes): nes): otos, prev	tes (B13) Ddor (C1) eres along ced Iron (C4 tion in Tilled (C7) Remarks)	Living Ro 4) d Soils (C	ots (C3) - and Hydrold	Secon Wa Se Dri Dra Sa Sh FA	dary Indicators (2 or more reater Marks (B1) (Riverine) addinational (B2) (Riverine) addinational (B3) (Riverine) addinational (B4) (Riverine) addinational (B4) (Riverine) addinational (B4) ad	eguired)
Depth (in Remarks: I hydrophytic saturation of Saturation	Redox observed withing vegetation and wetlandepth, saline conditions of the condition of th	in top layer in in and hydrology. So, or other factors, or other f	heck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized I Presence Recent Ir Thin Mucl Other (Ex	ernal pooclude hun (/) t (B11) st (B12) nvertebrat Sulfide (Rhizosph of Reduct on Reduct k Surface cplain in R nes): nes): otos, prev	tes (B13) Ddor (C1) eres along ced Iron (C4 tion in Tilled (C7) Remarks)	Living Ro 4) d Soils (C	ots (C3) - and Hydrold	Secon Wa Se Dri Dra Sa Sh FA	indary Indicators (2 or more restater Marks (B1) (Riverine) Indicators (B2) (Riverine) Indicators (B3) (Riverine) Indicators (B3) (Riverine) Indicators (B4)	equired

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: April 23, 2019	9
Applicant/Owner: Pardee Homes				State: CA Sampling Point: VPHCP 136	
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W	
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	, convex, none): concave Slope (%): 0-2	
Subregion (LRR): LRR-C	Lat: 3	32.554243		Long: -117.022703 Datum: NAD83	
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl				NWI classification: Freshwater Emergent Wetla	 and
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)	
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ed? Yes	Are "Normal Circumstances" present? Yes X No	
Are Vegetation , Soil , or Hydrology	natura	ally problema	tic? Yes	(If needed, explain any answers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh	owing sa	mpling poi	nt locations	s, transects, important features, etc.	
Hydrophytic Vegetation Present? Yes X	No	_	a Camalad	Avan	
Hydric Soil Present? Yes X	No		ne Sampled . nin a Wetland	YAS X NO	
Wetland Hydrology Present? Yes X	No	_ """	iii a rrouaii	u ·	
Remarks: The majority of the vegetation on the site hat meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sampled during the growing season a	ind
Table 1 and	Absolute	Dominant	Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species	
1. none				That Are OBL, FACW, or FAC: 1 (A)	
2. 3.				Total Number of Dominant Species Across All Strata: 1 (B)	
				Percent of Dominant Species	
4		= Total Cove	er	That Are OBL, FACW, or FAC: 100 (A/B	3)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index worksheet:	
2				Total % Cover of: Multiply by:	
3				OBL species x 1 =	
4				FACW species x 2 =	
5				FAC species x 3 =	
Hart Otratama (Distains		= Total Cove	er	FACU species x 4 =	
Herb Stratum (Plot size:)	00	V	FAC	UPL species x 5 = Column Totals: (A) (B)	
Festuca perennis Deinandra fasciculata	96	Y	FACU	Column Totals:(A)(B)	
3. Bromus madritensis	1	N	UPL	Prevalence Index = B/A =	
1				Hydrophytic Vegetation Indicators:	-
				X Dominance Test is >50%	
6.				Prevalence Index is ≤3.0¹	
7.				Morphological Adaptations ¹ (Provide supporting	
8.				data in Remarks or on a separate sheet)	
	100	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)	
Woody Vine Stratum (Plot size:					
1none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
2	100	= Total Cove			\dashv
% Bare Ground in Herb Stratum 0 % Co	ver of Biotic		51	Hydrophytic Vegetation Present? Yes X No	
Remarks: Sample area is a vernal pool that receives ru hydrophytic vegetation, but no ACOE vernal pool plant in					

SOIL Sampling Point: VPHCP 136

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ires			•
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-5	10YR 3/1	95	7.5YR 4/4	5	С	M/RC	clay	redox
5-18	10YR 4/3	100					sandy clay	no redox
 								
							_	
								_
							_	
							·	
1								-
	ncentration, D=Depletion					s. ²		Lining, RC=Root Channel, M=Matrix.
-	Indicators: (Applica	ible to all						or Problematic Hydric Soils ³ :
Histosol	` '			ledox (S5)				uck (A9) (LRR C)
	pipedon (A2) istic (A3)			Matrix (S //ucky Min	,			uck (A10) (LRR B) d Vertic (F18)
	en Sulfide (A4)			Bleyed Ma				rent Material (TF2)
	d Layers (A5) (LRR 0	:)		d Matrix (F				Explain in Remarks)
	uck (A9) (LRR D)	,	x Redox D	,	,		<u></u>	
	d Below Dark Surface	e (A11)		d Dark Su	` '			
Thick Da	ark Surface (A12)		Redox D	epression	ıs (F8)		³ Indicators o	f hydrophytic vegetation and
Sandy N	Mucky Mineral (S1)		Vernal P	ools (F9)			wetland l	hydrology must be present,
Sandy C	Gleyed Matrix (S4)						unless di	isturbed or problematic.
Restrictive I	Layer (if present):							
Type:								
Depth (inc	hes):						Hydric Soil Pres	sent? Yes X No
Damandan m	edox dark surface ob							
HYDROLOG	3 Y							
	drology Indicators:						Soci	ondary Indicators (2 or more required)
_	icators (minimum of c	ne require	d: check all that annly	٨			· · · · · · · · · · · · · · · · · · ·	Vater Marks (B1) (Riverine)
	Water (A1)	ne require	•••	,				
	` '		Salt Crusi Biotic Cru					Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
riigii vv	ater Table (A2)		Blotic Cru Aquatic Ir	` ,	oo (P12)			Orainage Patterns (B10)
	non (A3 <i>)</i> Marks (B1) (Nonriver i	no)			,			, ,
	nt Deposits (B2) (No	•	Hydrogen X Oxidized			Living Do		Ory-Season Water Table (C2)
	. , , ,	•			ed Iron (C	_		Thin Muck Surface (C7)
_	posits (B3) (Nonrive i Soil Cracks (B6)	iiie)			ion in Tille	-		Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
_	ion Visible on Aerial I	maganı (R				u Solis (Ci		Shallow Aquitard (D3)
	Stained Leaves (B9)	magery (b	Other (Ex		. ,			FAC-Neutral Test (D5)
			Other (Ex	.piaiii iii iX	erriaiks)		'	AC-Neutral Test (D3)
Field Obser								
Surface Wat			No X Depth (inch					
Water Table			No X Depth (inch					
Saturation P		es	No X Depth (inch	nes):		Wetla	ınd Hydrology I	Present? Yes X No
(includes cap		augo mor	pitoring wall, agrial ph	otoo prov	ious inono	otions) if	ovojloblo: n/o	
Describe Rec	orded Data (stream g	auge, mor	illoring well, aerial pri	otos, prev	lous irispe	cuons), ii a	avaliable. 11/a	
Remarks: ind	licators of wetland hy	drology ob	served.					
	,	J.						

Project/Site: Southwest Village Specific Plan Project		City/Count	y: San Diego)	Sampling	Date: 3/17	7/2021
Applicant/Owner: Tri Point Homes				State: CA	Sampling	Point: VPI	HCP278
Investigator(s): Beth Procsal, Gerry Scheid		Section,	Γownship, Ra	ange: Section 31, T18	S R01W		
Landform (hillslope, terrace, etc.): mesa top		 Local reli	ef (concave,	convex, none): conca	/e	Slope (%	o): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3:	 2.552572716	8	Long: -117.0185299	13	— Datum: NA	AD83
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30 perce				NWI classific		_	gent Wetland
Are climatic / hydrologic conditions on the site typical for this			X No				
Are Vegetation X, Soil , or Hydrology		-		Are "Normal Circumsta			. No
Are Vegetation Soil , or Hydrology	_			If needed, explain any			
SUMMARY OF FINDINGS – Attach site map show	<i>i</i> ing san	npling poin	t locations	, transects, import	ant feature	s, etc.	
Hydrophytic Vegetation Present? YesNo	X						
Hydric Soil Present? Yes No		15 01	e Sampled A	VΔC	No	X	
Wetland Hydrology Present? Yes X No		– with	in a Wetland	-			
Remarks: The vegetation at the sample site has been distri	turhed du	e to nast land	luses This f	eature was sampled d	ırina the arov	vina season	and does
not meet the wetland criteria.	uibed du	e to past land	i uses. Tilis i	eature was sampled di	aning the grov	virig seasor	i and does
VEGETATION – Use scientific names of plants.							
	bsolute	Dominant	Indicator	Dominance Test wo	rksheet:		
Tree Stratum (Plot size:) % 1. none	Cover	Species?	Status	Number of Dominant		0	(4)
				That Are OBL, FACV		0	(A)
3				Total Number of Don Species Across All S		2	(D)
				Percent of Dominant		3	(B)
*		= Total Cove	<u> </u>	That Are OBL, FACV		0	(A/B)
Sapling/Shrub Stratum (Plot size:)		- Total Cove					
1. none				Prevalence Index w	orksheet:		
				Total % Cover of		Multiply by	:
3.				OBL species	0 x 1	= 0	
4.				FACW species	0 x 2	! = 0	
5.				FAC species	2 x 3	6 =	
		= Total Cove	r	FACU species	0 x 4	. = 0	
Herb Stratum (Plot size:				UPL species	95 x 5	475	
1. Bromus diandrus	40	Yes	UPL	Column Totals:	97 (A)	481	(B)
2. Rumex crispus	2	No	FAC	Prevalence Ir	dev = B/A = 4	0	
3. Avena barbata	35	Yes	UPL	Frevalence ii	idex – b/A – <u>4</u>		
4. Brassica nigra	20	Yes	UPL	Hydrophytic Vegeta	tion Indicate	ors:	
5.				Dominance Te	st is >50%		
6				Prevalence Inc	lex is ≤3.0¹		
7				Morphological			
8				data in Ren	narks or on a	separate sh	neet)
	97	= Total Cove	er	Problematic H	ydrophytic Ve	getation¹ (E	Explain)
Woody Vine Stratum (Plot size:)							
1. <u>none</u>				¹ Indicators of hydric			gy must
2				be present, unless	listurbed or p	roblematic.	
	:	= Total Cove	r	Hydrophytic			
% Bare Ground in Herb Stratum 3 % Cover	of Riotic (Cruet		Vegetation Present?	Yes	No	X
Remarks: The sample area does not support a predominar within the basin.	nce of hyd	drophytic veg	etation, and i	no ACOE vernal pool p	lant indicator	species we	ere present
The second secon							

SOIL Sampling Point: <u>VPHCP278</u>

Depth (inches)	Matrix Color (moist)	%	Color (moist)	%Тур	pe ¹ Loc ²	Textur	<u> </u>	Remarks
						-		
					_			
	ncentration, D=Deplet				Grains. ²			Root Channel, M=Matrix.
•	I Indicators: (Appl	icable to all LR	•	•				natic Hydric Soils³:
Histoso	` '			Redox (S5)			n Muck (A9) (L	•
	pipedon (A2) listic (A3)			d Matrix (S6) Mucky Mineral (I	F1)		n Muck (A10) (l uced Vertic (F1	
	en Sulfide (A4)			Gleyed Matrix (F			Parent Materia	
	d Layers (A5) (LRF	R C)		d Matrix (F3)	_,		er (Explain in R	` '
	uck (A9) (LRR D)	/		Dark Surface (F6	3)		(·-···-/
Deplete	ed Below Dark Surf	ace (A11)		d Dark Surface	,			
Thick D	ark Surface (A12)		Redox I	Depressions (F8)	³ Indicato	rs of hydrophy	tic vegetation and
	Mucky Mineral (S1)		Vernal I	Pools (F9)		wetla	and hydrology r	must be present,
	Gleyed Matrix (S4)					unles	ss disturbed or	problematic.
Restrictive Type:	Layer (if present):							
Depth (inc		upports a predo vas dug and hyd		d vegetation and onsidered to be	I does not mee present.	Hydric Soil t the hydropl		
Depth (inc Remarks: T vetland. The	he sampled area s erefore, no soil pit v	upports a predo vas dug and hyd	ominance of uplandric soils are not c	d vegetation and onsidered to be	does not mee present.	1		
Depth (inc Remarks: T vetland. The	he sampled area s erefore, no soil pit v	vas dug and hyd	ominance of uplandric soils are not c	d vegetation and onsidered to be	l does not mee present.	t the hydropl	nytic vegetatior	n standard to be considered
Depth (inc Remarks: T vetland. The YDROLO Wetland H	The sampled area serefore, no soil pit v	vas dug and hyd	dric soils are not c	onsidered to be	I does not mee present.	t the hydropl	nytic vegetation	n standard to be considered
Depth (inc Remarks: T vetland. The YDROLO Wetland H Primary Ind	The sampled area serefore, no soil pit v	vas dug and hyd	dric soils are not c	onsidered to be	I does not mee present.	t the hydropl	nytic vegetation Secondary Ind Water Mark	n standard to be considered
Depth (inc Remarks: T vetland. The YDROLO Wetland H Primary Ind Surface	The sampled area serefore, no soil pit vertically be serefored in the serefore of the serefore	vas dug and hyd	dric soils are not c	onsidered to be	I does not mee present.	t the hydropl	nytic vegetation Secondary Ind Water Mark Sediment D	icators (2 or more requires
Depth (inc Remarks: T vetland. The YDROLO Wetland H Primary Ind Surface High W	GY ydrology Indicator icators (minimum c	vas dug and hyd	check all that app Salt Crus Biotic Cr	onsidered to be	present.	t the hydropl	Secondary Ind Water Mark Sediment D Drift Deposi	icators (2 or more requires s (B1) (Riverine)
Depth (inc Remarks: T vetland. The YDROLO Wetland H Primary Ind Surface High W Saturat	GY ydrology Indicator icators (minimum coe Water (A1) //dater Table (A2)	rs: f one required;	check all that app Salt Crus Biotic Cr X Aquatic I	ly) st (B11) ust (B12)	present.	t the hydropl	Secondary Ind Water Mark Sediment D Drift Deposi	icators (2 or more require s (B1) (Riverine) eposits (B2) (Riverine) its (B3) (Riverine)
Depth (incomplete incomplete inco	GY ydrology Indicator icators (minimum of the Water (A1) // water Table (A2) // with Table (A3)	rs: f one required; erine)	check all that app Salt Crus Biotic Cr X Aquatic I Hydroge	ly) st (B11) ust (B12) nvertebrates (B*	present. 13) C1)	t the hydropl	Secondary Ind Water Mark Sediment D Drift Deposi Drainage Pa	icators (2 or more requires (B1) (Riverine) its (B3) (Riverine) atterns (B10)
Primary Ind Satural Water I Sedime	GY ydrology Indicator icators (minimum ce Water (A1) dater Table (A2) ion (A3) Marks (B1) (Nonriv	rs: f one required; erine) lonriverine)	check all that app Salt Crus Biotic Cr X Aquatic I Hydroge Oxidized	ly) st (B11) ust (B12) nvertebrates (B1	present. 13) C1) along Living Ro	t the hydropl	Secondary Ind Water Mark Sediment D Drift Deposi Drainage Pa	icators (2 or more requires s (B1) (Riverine) leposits (B2) (Riverine) letts (B3) (Riverine) latterns (B10) latterns (B10) latterns (B10) latterns (C2) Surface (C7)
Primary Ind Saturat Water I Sedime	GY ydrology Indicator icators (minimum of Water (A1) dater Table (A2) ion (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonri	rs: f one required; erine) lonriverine)	check all that app Salt Crus Biotic Cr X Aquatic I Hydroge Oxidized Presence	ly) st (B11) ust (B12) nvertebrates (B' n Sulfide Odor (G	present. 13) C1) Ilong Living Ro	t the hydropl	Secondary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu	icators (2 or more requires s (B1) (Riverine) leposits (B2) (Riverine) letterns (B10) latterns (B10) latterns (B10) latterns (B10) latterns (C2) Surface (C7) latterns (C8)
Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface	GY ydrology Indicator icators (minimum of Water (A1) dater Table (A2) ion (A3) Marks (B1) (Nonriv ent Deposits (B2) (Nonriv	erine) Ionriverine) verine)	check all that app Salt Crus Biotic Cr X Aquatic I Hydroge Oxidized Presence Recent II	ly) st (B11) ust (B12) nvertebrates (B' n Sulfide Odor (G Rhizospheres a	present. 13) C1) Ilong Living Ro	t the hydropl	Secondary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu	icators (2 or more requires is (B1) (Riverine) reposits (B2) (Riverine) retterns (B10)
Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda	GY ydrology Indicator icators (minimum of water (A1) dater Table (A2) ion (A3) Marks (B1) (Nonriv ent Deposits (B3) (Nonriv es Soil Cracks (B6)	rs: f one required; erine) lonriverine) verine)	check all that app Salt Crus Biotic Cr X Aquatic I Hydroge Oxidized Presence Recent II Thin Muc	ly) st (B11) ust (B12) nvertebrates (B12) n Sulfide Odor (I Rhizospheres a e of Reduced Iro ron Reduction in	present. 13) C1) slong Living Ro on (C4) Tilled Soils (C	t the hydropl	Secondary Ind Water Mark Sediment D Drift Deposi Drainage Po Dry-Seasor Thin Muck S Crayfish Bu Saturation N	icators (2 or more requires is (B1) (Riverine) reposits (B2) (Riverine) reposits (B3) (Riverine) reposits (B4) (Riverine) reposits (B5) (Riverine) reposits (B6) (Riverine) reposits (B7) (Riverine)
Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water	GY ydrology Indicator icators (minimum of water (A1) dater Table (A2) ion (A3) Marks (B1) (Nonriv ent Deposits (B3) (Nonriv ent Stained Leaves (B6) tryations:	erine) lonriverine) verine) al Imagery (B7)	check all that app Salt Crus Biotic Cr X Aquatic I Hydroge Oxidized Presence Recent II Thin Muc	ly) st (B11) ust (B12) nvertebrates (B1) n Sulfide Odor (G1) Rhizospheres a e of Reduced Iro ron Reduction in ck Surface (C7) xplain in Remark	present. 13) C1) Ilong Living Ro In (C4) Tilled Soils (C	t the hydropl	Secondary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu Saturation \ Shallow Aq	icators (2 or more requires is (B1) (Riverine) reposits (B2) (Riverine) reposits (B3) (Riverine) reposits (B4) (Riverine) reposits (B5) (Riverine) reposits (B6) (Riverine) reposits (B7) (Riverine)
Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-Field Obser	GY ydrology Indicator icators (minimum of white Water (A1) dater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Nonrive ent Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B5) ter Present?	erine) Ionriverine) Il Imagery (B7) Yes N	check all that app Salt Crus Biotic Cr X Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E	ly) st (B11) ust (B12) nvertebrates (B² n Sulfide Odor (0 Rhizospheres a e of Reduced Iro ron Reduction in ck Surface (C7) xplain in Remark	present. 13) C1) Ilong Living Ro In (C4) Tilled Soils (C	t the hydropl	Secondary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu Saturation \ Shallow Aq	icators (2 or more requires is (B1) (Riverine) reposits (B2) (Riverine) reposits (B3) (Riverine) reposits (B4) (Riverine) reposits (B5) (Riverine) reposits (B6) (Riverine) reposits (B7) (Riverine)
Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-i Surface Water-i Surface Water-i	GY ydrology Indicator icators (minimum of water (A1) dater Table (A2) ion (A3) Marks (B1) (Nonriv ent Deposits (B2) (Nonriv ent Deposits (B3) (Nonriv ent Deposits (B6) tion Visible on Aeria Stained Leaves (B6) ervations: ter Present?	erine) lonriverine) verine) la Imagery (B7) Yes N	check all that app Salt Crus Biotic Cr X Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E	ly) st (B11) ust (B12) nvertebrates (B² n Sulfide Odor (0 Rhizospheres a e of Reduced Iro ron Reduction in ck Surface (C7) xplain in Remark	present. 13) C1) Illong Living Roon (C4) Tilled Soils (C	t the hydropl	Secondary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu Saturation \ Shallow Aqı FAC-Neutra	icators (2 or more requires is (B1) (Riverine) reposits (B2) (Riverine) retterns (B10) retterns (B10) retterns (B10) retterns (B10) retterns (C2) retterns (C3) retterns (
Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-Sield Obser Saturation F	GY ydrology Indicator icators (minimum of water (A1) dater Table (A2) ion (A3) Marks (B1) (Nonriv ent Deposits (B2) (Nonriv ent Deposits (B3) (Nonriv ent Deposits (B6) tion Visible on Aeria Stained Leaves (B6) ervations: ter Present?	erine) lonriverine) verine) la Imagery (B7) Yes N	check all that app Salt Crus Biotic Cr X Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E	ly) st (B11) ust (B12) nvertebrates (B² n Sulfide Odor (0 Rhizospheres a e of Reduced Iro ron Reduction in ck Surface (C7) xplain in Remark	present. 13) C1) Illong Living Roon (C4) Tilled Soils (C	t the hydropl	Secondary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu Saturation \ Shallow Aq	icators (2 or more requires is (B1) (Riverine) reposits (B2) (Riverine) retterns (B10) retterns (B10) retterns (B10) retterns (B10) retterns (B10) retterns (C2) retterns (C3) retterns (C3) retterns (C3)
Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-i Field Obser Surface Water Table Saturation Fincludes ca	GY ydrology Indicator icators (minimum of water (A1) dater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B3) (Nonrive es Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B8) rvations: ter Present? Present?	erine) Ionriverine) Al Imagery (B7) Yes N Yes N	check all that app Salt Crus Biotic Cr X Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E	ly) st (B11) ust (B12) nvertebrates (B' n Sulfide Odor ((Rhizospheres a e of Reduced Iro ron Reduction in ck Surface (C7) xplain in Remark	present. 13) C1) Ilong Living Roon (C4) Tilled Soils (C	t the hydropl S S Otts (C3) Otts (C3) Otts (C3) Otts (C3)	Secondary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu Saturation \ Shallow Aqı FAC-Neutra	icators (2 or more requires is (B1) (Riverine) reposits (B2) (Riverine) retterns (B10) retterns (B10) retterns (B10) retterns (B10) retterns (C2) retterns (C3) retterns (
Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-i Surface Wa	GY ydrology Indicator icators (minimum of water (A1) dater Table (A2) ion (A3) Marks (B1) (Nonriv ent Deposits (B2) (Nonriv ent Deposits (B3) (Nonr	erine) Honriverine) Al Imagery (B7) Yes N Yes N The gauge, monitor	check all that app Salt Crus Biotic Cr X Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E	ly) st (B11) ust (B12) nvertebrates (B² n Sulfide Odor (i Rhizospheres a e of Reduced Iro ron Reduction in ck Surface (C7) xplain in Remark ches):	present. 13) C1) Ilong Living Roon (C4) Tilled Soils (C	t the hydropl Seconds (C3) Cots (C3)	Secondary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu Saturation N Shallow Aqı FAC-Neutra	icators (2 or more requires is (B1) (Riverine) seposits (B2) (Riverine) statems (B10) n Water Table (C2) Surface (C7) rrows (C8) //isible on Aerial Imagery (Cuitard (D3) al Test (D5)
Depth (incomplete incomplete inco	GY ydrology Indicator icators (minimum of water (A1) dater Table (A2) ion (A3) Marks (B1) (Nonriv ent Deposits (B2) (Nonriv ent Deposits (B3) (Nonriv ent Deposits (B3) (Nonriv ent Deposits (B6) tion Visible on Aeria Stained Leaves (B6) ter Present? Present? Present? pillary fringe) corded Data (strear	erine) Honriverine) yerine) al Imagery (B7) Yes N Yes N yes N gauge, monitor water was preserved.	check all that app Salt Crus Biotic Cr X Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E	ly) st (B11) ust (B12) nvertebrates (B1) n Sulfide Odor (G1) Rhizospheres a e of Reduced Iro ron Reduction in ck Surface (C7) xplain in Remark ches): ches):	present. 13) C1) Ilong Living Roon (C4) Tilled Soils (C	t the hydropl Seconds (C3) Cots (C3)	Secondary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu Saturation N Shallow Aqı FAC-Neutra	icators (2 or more requires is (B1) (Riverine) reposits (B2) (Riverine) retterns (B10) retterns (B10) retterns (B10) retterns (B10) retterns (C2) retterns (C3) retterns (
Primary Ind Surface High W Saturat Water I Sedime Drift De X Surface Inunda Water-i Sield Obser Surface Water Table Saturation F Includes ca	GY ydrology Indicator icators (minimum of water (A1) dater Table (A2) ion (A3) Marks (B1) (Nonriv ent Deposits (B2) (Nonriv ent Deposits (B3) (Nonr	erine) Honriverine) yerine) al Imagery (B7) Yes N Yes N yes N gauge, monitor water was preserved.	check all that app Salt Crus Biotic Cr X Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E	ly) st (B11) ust (B12) nvertebrates (B1) n Sulfide Odor (G1) Rhizospheres a e of Reduced Iro ron Reduction in ck Surface (C7) xplain in Remark ches): ches):	present. 13) C1) Ilong Living Roon (C4) Tilled Soils (C	t the hydropl Seconds (C3) Cots (C3)	Secondary Ind Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu Saturation N Shallow Aqı FAC-Neutra	icators (2 or more requires (B1) (Riverine) seposits (B2) (Riverine) ste (B3) (Riverine) attems (B10) attems (B10) attems (B10) attems (C2) Surface (C7) surrows (C8) //isible on Aerial Imagery (Cuitard (D3) at Test (D5)

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	o Sampling Date: 4/12/2021
Applicant/Owner: Tri Point Homes				State: CA Sampling Point: VPHCP420
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat:	32.55688201	9	Long: -117.018484914 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical for	this time of	f year? Yes	X No	(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No
Are Vegetation Soil or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	_No	lo #	ha Samplad	Area
Hydric Soil Present? Yes X	_No		he Sampled hin a Wetlan	YAS X NO
Wetland Hydrology Present? Yes X	No	_	iiii a rrottan	
meets the wetland criteria. VEGETATION – Use scientific names of plants				es. This feature was sampled during the growing season and
	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2				Total Number of Dominant Species Across All Strata: 1 (B)
4			er	Percent of Dominant Species That Are OBL, FACW, or FAC: 1 (B) (A/B)
Sapling/Shrub Stratum (Plot size:)				Burnel and the decouple have
1. <u>none</u> 2.				Prevalence Index worksheet: Total % Cover of: Multiply by:
				OBL species x 1 =
				FACW species x 2 =
				FAC species x 3 =
5		= Total Cove		FACU species x 4 =
Herb Stratum (Plot size:		rotal Cov	0 1	UPL species x 5 =
1. Festuca perennis	20	Yes	FAC	Column Totals: (A) (B)
2. Bromus diandrus	5	No	UPL	Dravalance Index = B/A =
3. Erodium botrys	1	No	FACU	Prevalence Index = B/A =
4. Psilocarphus brevissimus	1	No	FACW	Hydrophytic Vegetation Indicators:
5. Plagiobothrys acanthocarpus	2	No	OBL	_X Dominance Test is >50%
6				Prevalence Index is ≤3.0¹
7. 8.				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
	29	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				resistant tydrophyna vegetanen (Explain)
1. none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2				
% Bare Ground in Herb Stratum 71 % Co	29 ver of Biotic	= Total Cove	er	Hydrophytic Vegetation Present? Yes X No
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it does support acanthocarpus). Leaf litter is present in basin.				

SOIL Sampling Point: VPHCP420 _____

I	ription: (Describe to	the depth ne				confirm t	he absence o	of indicators.)
Depth	Matrix			edox Feature		12	- - - - - - - - - -	Develope
(inches)	Color (moist)	%	Color (moist)		Type ¹	Loc ²	Texture	
0-5	10YR 4/2	97 10	YR 5/6		<u> </u>	RC/M	sandy clay	redox
5-18	10YR 4/4	100					sandy clay	no redox
								·
	ncentration, D=Depletion					s. ²		ore Lining, RC=Root Channel, M=Matrix.
1 -	Indicators: (Applica	able to all LR	•		.)			rs for Problematic Hydric Soils ³ :
— Histosol	,			Redox (S5)				Muck (A9) (LRR C)
	oipedon (A2)			d Matrix (S6) Mucky Miner				Muck (A10) (LRR B) uced Vertic (F18)
	istic (A3) en Sulfide (A4)			Gleyed Matri	. ,			Parent Material (TF2)
	d Layers (A5) (LRR (3)		ed Matrix (F3)				r (Explain in Remarks)
	uck (A9) (LRR D)	-,		Dark Surface	,		<u> </u>	(,pianimintername)
	d Below Dark Surface	e (A11)		ed Dark Surfa	` '			
Thick D	ark Surface (A12)		Redox	Depressions	(F8)		³ Indicator	s of hydrophytic vegetation and
	/lucky Mineral (S1)		Vernal	Pools (F9)				nd hydrology must be present,
Sandy C	Gleyed Matrix (S4)						unless	s disturbed or problematic.
Restrictive I	Layer (if present):							
Type:			_					
Depth (inc	hes):		_				Hydric Soil F	Present? Yes X No No
Remarks: O	xidzed rizospheres o	bserved withir	n matrix top laye	and lots of o	rganic m	aterial pre	sent. Deplete	ed matrix observed.
	·		. ,		Ü		•	
HYDROLOG	Y							
	drology Indicators:						Se	econdary Indicators (2 or more required)
_	cators (minimum of c		check all that apr	olv)			<u> </u>	Water Marks (B1) (Riverine)
	Water (A1)	,	Salt Cru	•				Sediment Deposits (B2) (Riverine)
	ater Table (A2)		X Biotic C				_	Drift Deposits (B3) (Riverine)
Saturati	, ,			Invertebrates	(B13)		_	_ Drainage Patterns (B10)
	//arks (B1) (Nonriver	ine)		en Sulfide Od	` '		_	Dry-Season Water Table (C2)
	nt Deposits (B2) (No			d Rhizospher		l ivina Ro	ots (C3)	Thin Muck Surface (C7)
l ——	posits (B3) (Nonrive			e of Reduced	•	•		Crayfish Burrows (C8)
	Soil Cracks (B6)	,		ron Reductio			6)	Saturation Visible on Aerial Imagery (C9)
	ion Visible on Aerial I	magery (B7)		ck Surface (0		(-	_	Shallow Aquitard (D3)
	Stained Leaves (B9)	9-17 (-17		xplain in Ren	-			FAC-Neutral Test (D5)
Field Obser				•				<u> </u>
Surface Wat		es No	o X Depth (in	ches).				
Water Table			Depth (in			-		
Saturation P			Depth (in				and Hydrolog	gy Present? Yes X No
(includes car		···	<u> </u>			_ '''		<u> </u>
Describe Rec	orded Data (stream o	gauge, monitor	ring well, aerial p	hotos, previo	us inspe	ctions), if	available: n/a	ì
Remarks: Alt	hough no surface wa	ter was prese	nt at the time of	the delineation	n eviden	ce of surf	ace soil crack	s and biotic crust indicate that the area
	and hydrology.	1140 picoci			, 5 1 14 6 1 1	.55 51 5ull	SSS SON GROW	and producting the first the died
	-,							

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: <u>San Dieg</u>	0	Sampling Date: 3/17/2021
Applicant/Owner: Tri Point Homes				State: CA S	Sampling Point: VPHCP539
Investigator(s): Beth Procsal, Gerry Scheid		Section,	Township, R	ange: Section 31, T18S R0)1W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave	Slope (%): <u>0-2</u>
Subregion (LRR): <u>C - Mediterranean California</u>	Lat: 3	32.55177529	19	_Long: <u>-117.008666167</u>	Datum: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30 pe	rcent slope	es		NWI classification	: depression
Are climatic / hydrologic conditions on the site typical for t	his time of	year? Yes	X No	o(If no, explain in F	Remarks.)
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ped?	Are "Normal Circumstances'	present? Yes X No
Are Vegetation, Soil, or Hydrology	natura	ally problema	tic?	(If needed, explain any answ	vers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sho	wing saı	mpling poi	nt locations	s, transects, important t	features, etc.
Hydrophytic Vegetation Present? Yes X 1	No				
Hydric Soil Present? Yes X	No		he Sampled . hin a Wetland	Yes X	No
	No		illi a vvetiali	u:	
Remarks: The majority of the vegetation on the site has meets the wetland criteria. VEGETATION – Use scientific names of plants.		urbed due to	past land use	s. This leature was sampled	aduling the growing season and
	Absolute	Dominant	Indicator	Dominance Test worksh	neet:
,	% Cover	Species?	Status	Number of Dominant Spe	
1. none				That Are OBL, FACW, or	,
2. 3.				Total Number of Dominar Species Across All Strata	
4		= Total Cov	er	Percent of Dominant Spec That Are OBL, FACW, or	cies
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index works	
2				Total % Cover of: OBL species	Multiply by:
3				FACW species	x 1 = x 2 =
4 5.				FAC species	x 3 =
5		= Total Cov		FACU species	x 4 =
Herb Stratum (Plot size:		Total Cov	OI.	UPL species	x 5 =
1. Eleocharis macrostachya	30	Yes	FACW	Column Totals:	(A) (B)
2. Heliotropium curassavicum	3	No	FACU	December of Indeed	D/A
3. Verbena lasiostachys	1	No	FAC	Prevalence Index	= B/A =
4. Festuca perennis	40	Yes	FAC	Hydrophytic Vegetation	Indicators:
5. Phalaris minor	26	Yes	UPL	X Dominance Test is	>50%
6.				Prevalence Index is	s ≤3.0¹
7. 8.					otations¹ (Provide supporting s or on a separate sheet)
	100	= Total Co	ver		ohytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)					
1. <u>none</u> 2.				¹ Indicators of hydric soil be present, unless distur	and wetland hydrology must bed or problematic.
	100	= Total Cov	er	Hydrophytic	
	er of Biotic			Vegetation Present? Yes	
Remarks: Sample area is a vernal pool that receives run hydrophytic vegetation, but no ACOE vernal pool plant in					

SOIL Sampling Point: <u>VPHCP539</u>

Profile Desc	ription: (Describe to	the depth r	needed to docum	ent the in	dicator or	confirm	the absence	of indicators	j.)	
Depth	Matrix			edox Featu						
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remark	<u>(S</u>
0-5	10YR 3/2	90 5	YR4/6	10	RM	M	CLAY LOA	M DARK	GREY	
5-14	10YR 2/1	755	YR4/6	25	_RM_	М	CLAY LOA	AM		
							_			
							_			
¹ Type: C=Cor	ncentration, D=Depletion	, RM=Reduce	d Matrix, CS=Covere	d or Coated	Sand Grains	s. ²	 ² Location: PL=F	Pore Lining, RC	=Root Channel, I	M=Matrix.
	Indicators: (Applica								matic Hydric S	
Histosol	(A1)		Sandy I	Redox (S5)	,)			Muck (A9) (I	-	
Histic E	oipedon (A2)			d Matrix (S				Muck (A10)		
Black H	istic (A3)		Loamy	Mucky Min	eral (F1)		Redu	uced Vertic (F	[:] 18)	
Hydroge	en Sulfide (A4)		Loamy	Gleyed Ma	trix (F2)		Red	Parent Mater	ial (TF2)	
	d Layers (A5) (LRR C	;)		d Matrix (F	,		Othe	er (Explain in I	Remarks)	
	uck (A9) (LRR D)	(4.4.4)	_X_Redox I		` '					
	d Below Dark Surface	e (A11)		d Dark Sui	, ,		3Indicates	ra af budranbu	utia vagatatian	and
	ark Surface (A12) /lucky Mineral (S1)			Depressior Pools (F9)	is (Fo)				ytic vegetation must be prese	
	Gleyed Matrix (S4)		veillai i	0013 (1 3)					r problematic.	iii,
	. ,						1			
l _	Layer (if present):									
Type:			_						., .,	
Depth (inc	nes):		_				Hydric Soil I	Present?	Yes X	No
Remarks: R	edox dark surface ob	served.								
HYDROLOG	SY									
Wetland Hy	drology Indicators:						S	econdary Inc	dicators (2 or	more required)
Primary Indi	cators (minimum of o	ne required;	check all that app	ly)			_		ks (B1) (Riveri	
Surface	Water (A1)		Salt Crus	st (B11)					Deposits (B2) (-
	ater Table (A2)			ust (B12)			_		sits (B3) (River	•
Saturati	,			nvertebrat	es (B13)		_		Patterns (B10)	- /
	Marks (B1) (Nonriver i	ne)		n Sulfide C	, ,		_		n Water Table	(C2)
l	nt Deposits (B2) (No	-			eres along l	Living Ro	oots (C3)	_	Surface (C7)	(-)
	posits (B3) (Nonriver	-		•	ed Iron (C4	-	`		urrows (C8)	
	Soil Cracks (B6)	,			tion in Tilled	•	-			al Imagery (C9)
	ion Visible on Aerial I	magery (B7)		k Surface		`	_		quitard (D3)	3 , (,
	Stained Leaves (B9)	3 , ,		xplain in R					al Test (D5)	
Field Obser								<u> </u>		
Surface Wat		2e N	lo X Depth (inc	hes).						
Water Table			lo X Depth (inc			_				
Saturation P			lo X Depth (inc			_	and Hydrolog	nv Present?	Yes X	No
(includes car			o X Bepair (inc			- '''	una myarolo,	gy i rosonii.	100 <u>X</u>	
-	orded Data (stream g	auge, monito	oring well, aerial pl	notos, prev	ious inspec	ctions), if	available: n/a	а		
	,	•		·		,				
	hough no surface wa	ter was prese	ent at the time of t	ne delineat	ion, eviden	ce of sur	face soil crack	ks indicate tha	at the area sup	ports wetland
hydrology.										

Project/Site: Southwest Village Specific Plan		City/Cour	nty: San Dieg	o, CA	Sampling Date: April 23, 2019
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: VPHCP 1223
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S F	R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.553383		Long: -117.022863	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s					on: Freshwater Emergent Wetlar
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	o (If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology	signifi	icantly disturb	ed? Yes	Are "Normal Circumstance	es" present? Yes X No
Are Vegetation Soil X, or Hydrology	natur	ally problema	tic? Yes	(If needed, explain any ans	swers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sl	nowing sai	mpling poli	nt locations	s, transects, importan	t reatures, etc.
Hydrophytic Vegetation Present? Yes X	_No	_ 1- 41	0 11	A	
Hydric Soil Present? Yes X	_No		he Sampled hin a Wetlan	YAC X	X No
Wetland Hydrology Present? Yes X	_No	_ """	a rrottan		
Remarks: The majority of the vegetation on the site ha	as been dist	urbed due to	past land use	s. This feature was sample	ed during the growing season ar
meets the wetland criteria.		,	•	·	
VEGETATION – Use scientific names of plants		Daminant	la di a atau	Dominance Test works	a ha a ti
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status		
1. none				Number of Dominant Sp That Are OBL, FACW, o	
2.				Total Number of Domina	. ,
3.				Species Across All Strat	i (D)
4				Percent of Dominant Sp	
		= Total Cove	er	That Are OBL, FACW, o	or FAC:100(A/B)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index work	
2.				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4				FACW species FAC species	
5				FAC species FACU species	
Herb Stratum (Plot size:		= Total Cove	31	UPL species	x 5 =
1. Festuca perennis	95	Y	FAC	Column Totals:	(A) (B)
2. Deinandra fasciculata	2		FACU		
3. Hordeum murinum	1	N	FACU	Prevalence Inde	ex = B/A =
4.				Hydrophytic Vegetatio	on Indicators:
5.				X Dominance Test i	
6.				Prevalence Index	
7.				Morphological Ad	laptations ¹ (Provide supporting
8.					ks or on a separate sheet)
	98	= Total Cov	/er	Problematic Hydr	ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)					
1. none					il and wetland hydrology must
2				be present, unless dist	urbed or problematic.
	98	= Total Cove	er	Hydrophytic	
9/ Para Craund in Harb Stratum 2 9/ Ca	war of Piatia	Cruet		Vegetation Yesent? Yes	oo V No
	over of Biotic				es X No
Remarks: Sample area is a vernal pool that receives ru hydrophytic vegetation, but no ACOE vernal pool plant					
			- 20.14 Mulli L	2001 2001 INOT 10 P100	Essa de manero

(inches) 0-1 2-10	Color (moist)	%	Color (m	10ISL)	%	Type ¹	Loc ²	Texture	Remarks
	10YR 4/1	99	7.5YR 4/6		1	<u>- , γρυ</u> -	M	clay	cobbles abundant top 6"
	10YR 4/2		7.01.17		<u> </u>			clay	
10	1011(4/2							Clay	
									_
Type: C=Con	centration, D=Depletion	, RM=Redu	ıced Matrix, CS	S=Covered	d or Coated	Sand Grains	s. ²	Location: PL=Pore	Lining, RC=Root Channel, M=Matrix.
lydric Soil	Indicators: (Applica	ble to all	LRRs, unle	ss other	wise note	d.)		Indicators f	or Problematic Hydric Soils ³ :
Histosol	` '				Redox (S5)				uck (A9) (LRR C)
	pipedon (A2)				Matrix (Se	•			uck (A10) (LRR B)
Black His	` '				Mucky Mine	. ,			d Vertic (F18) rent Material (TF2)
	n Sulfide (A4) I Layers (A5) (LRR 0	:)			Gleyed Mat d Matrix (F				Explain in Remarks)
	ick (A9) (LRR D)	')			Dark Surfac	,		Culor (E	explain in remarks)
Depleted	d Below Dark Surface	e (A11)		Deplete	d Dark Sur	face (F7)			
	ark Surface (A12)				Depression	s (F8)			f hydrophytic vegetation and
_ ′	lucky Mineral (S1)			Vernal F	Pools (F9)				hydrology must be present,
Sandy G	Sleyed Matrix (S4)							unless d	isturbed or problematic.
	ayer (if present):								
Type: sho	ovel refusal								
Type: sho Depth (inch emarks: Re ydrophytic v	ovel refusal nes): 10 edox observed within	nd hydrolo	gy. This feat	ure is a v	ernal pool	that is sea	sonally po	onded and may	sent? Yes X No roblematic due to strong indicators o lack hydric soil indicators due to limite
Type: sho Depth (inch emarks: Re ydrophytic v aturation de	nes): 10 edox observed within regetation and wetlar pth, saline conditions	nd hydrolo	gy. This feat	ure is a v	ernal pool	that is sea	sonally po	umed here as ponded and may	roblematic due to strong indicators o
Type: sho Depth (inch temarks: Re tydrophytic v aturation dep	nes): 10 edox observed within regetation and wetlar pth, saline conditions	nd hydrolo	gy. This feat	ure is a v	ernal pool	that is sea	sonally po	umed here as ponded and may nce.	roblematic due to strong indicators o
Type: sho Depth (inch demarks: Re ydrophytic v aturation dep	ovel refusal nes): 10 edox observed within regetation and wetlar pth, saline conditions	nd hydrolo s, or other	gy. This feat factors, whic	ure is a v h may in	vernal pool IIII pool IIII pool	that is sea	sonally po	sumed here as ponded and may note.	roblematic due to strong indicators o lack hydric soil indicators due to limite
Type: sho Depth (inch demarks: Re ydrophytic v aturation dep YDROLOG Wetland Hyd Primary India	ovel refusal nes): 10 edox observed within regetation and wetlar pth, saline conditions SY drology Indicators:	nd hydrolo s, or other	gy. This feat factors, whic ed; check all	ure is a v h may in	rernal pool clude hum	that is sea	sonally po	sumed here as ponded and may note.	roblematic due to strong indicators o lack hydric soil indicators due to limite or soil indicators due to limite or soil indicators (2 or more requi
Type: sho Depth (inch demarks: Re dydrophytic v aturation dep YDROLOG Wetland Hy Primary Indic Surface	ovel refusal nes): 10 edox observed within regetation and wetlar pth, saline conditions GY drology Indicators: cators (minimum of c	nd hydrolo s, or other	gy. This feati factors, which ed; check all	ure is a v th may in that appl Salt Crus Biotic Cru	y) t (B11) ust (B12)	that is sea an-caused	sonally po	sumed here as ponded and may lice.	roblematic due to strong indicators o lack hydric soil indicators due to limite ondary Indicators (2 or more requirement)
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Type: sho Depth (inch Remarks: Re ydrophytic v aturation dep YDROLOG Wetland Hyv Primary Indic Surface High Wa Saturatic Water M	edox observed within regetation and wetlar pth, saline conditions and of the conditions of the condit	nd hydrolo s, or other one require	gy. This feati factors, which ed; check all:	ure is a v th may in that appl Salt Crus Biotic Cru Aquatic II	y) t (B11) ust (B12) nvertebrate	that is sea an-caused es (B13) dor (C1)	sonally po	sumed here as ponded and may note. Second S	roblematic due to strong indicators o lack hydric soil indicators due to limite ondary Indicators (2 or more requirater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2)
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Project/Site: Southwest Village Specific Plan		City/Coun	nty: San Dieg	o, CA	Sampling Date: April 23, 2019
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: VPHCP 1224
Investigator(s): Beth Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S F	R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.553407		Long: -117.022794	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl					on: Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology					
Are Vegetation Soil , or Hydrology					
SUMMARY OF FINDINGS – Attach site map sh	owing sai	mpling poli	nt locations	s, transects, importan	t reatures, etc.
Hydrophytic Vegetation Present? Yes X	No	_ ,_4	0	A	
Hydric Soil Present? Yes X	No		ne Sampled nin a Wetlan	YAC X	X No
Wetland Hydrology Present? Yes X	No	_ """	iii a rrottaii		
Remarks: The majority of the vegetation on the site ha	s been dist	urbed due to	past land use	s. This feature was sample	ed during the growing season and
meets the wetland criteria.		·	•	·	0 0
VEGETATION – Use scientific names of plants		Daminant	lu di a atau	Dominance Test works	a ha a t
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status		
1. none				Number of Dominant Sp That Are OBL, FACW, o	
2.				Total Number of Domina	. ,
3.				Species Across All Strat	i (D)
4				Percent of Dominant Sp	
		= Total Cove	er	That Are OBL, FACW, o	or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index work	
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species FAC species	
5		- Total Cause		FAC species FACU species	
Herb Stratum (Plot size:)		= Total Cove	31	UPL species	x 5 =
1. Festuca perennis	60	Y	FAC	Column Totals:	(A) (B)
2. Deinandra fasciculata	10	N	FACU		
3. Bromus diandrus	15	N	UPL	Prevalence Inde	ex = B/A =
4. Hordeum murinum	5	N	FACU	Hydrophytic Vegetatio	on Indicators:
5.				X Dominance Test i	is >50%
6.				Prevalence Index	
7.				Morphological Ad	laptations ¹ (Provide supporting
8.				data in Remar	ks or on a separate sheet)
	90	= Total Cov	/er	Problematic Hydr	rophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)					
1. none					il and wetland hydrology must
2				be present, unless dist	urbed or problematic.
	90	= Total Cove	er	Hydrophytic	
% Bare Ground in Herb Stratum 10 % Cov	ver of Biotic	Cruet		Vegetation Yesent? Yes	es X No
			III la a - L = -1		
Remarks: Sample area is a vernal pool that receives run hydrophytic vegetation, but ACOE vernal pool plant indic					
, , , , , , , , , , , , , , , , , , ,	5,000	5,000			

SOIL Sampling Point: VPHCP 1224

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			dox Featu	ıres		_			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	<u> </u>	Remark	s
0-2	10YR 4/2	98	7.5YR 4/6	2	С	M	clay			
3-18	10YR 5/2	100					clay			
	-	-		1						
		·					_			
				-						
							_			
¹ Type: C=Ce	 — — — — — — — — — — — — — — — — — — —	n, RM=Redu	ced Matrix, CS=Covered	or Coated	Sand Grain	s. ²	Location: PL=P	ore Lining,	RC=Root Channel, N	л=Matrix.
Hydric So	il Indicators: (Applic	able to all	LRRs, unless other	wise note	d.)		Indicator	s for Pro	blematic Hydric S	Soils³:
Histose	ol (A1)		Sandy R	edox (S5))		1 cm	Muck (A9	9) (LRR C)	
Histic I	Epipedon (A2)			Matrix (S	,				10) (LRR B)	
	Histic (A3)			∕lucky Min				iced Verti		
	gen Sulfide (A4)			Sleyed Ma	, ,				aterial (TF2)	
	ed Layers (A5) (LRR	C)	_x_Depleted				Othe	r (Explain	in Remarks)	
	/luck (A9) (LRR D) ed Below Dark Surfac	ro (Δ11)		ark Surfa d Dark Sur	` '					
	ed Below Bark Surfac Dark Surface (A12)	æ (ATT)		epressior	` '		3Indicator	s of hydro	ophytic vegetation a	and
	Mucky Mineral (S1)			Pools (F9)	15 (1 0)			-	ogy must be preser	
	Gleyed Matrix (S4)			()				-	ed or problematic.	,
Restrictive	Layer (if present):									
Type:	- Lay 61 (11 p1 0 0 0 11.)									
Depth (in	ches):						Hydric Soil F	Present?	Yes X	No
	Depleted matrix obse									
HYDROLO										
	lydrology Indicators						<u>S</u>		/ Indicators (2 or r	
-	dicators (minimum of	one require							Marks (B1) (Riveri i	· ·
	ce Water (A1)		Salt Crus	-			_	_	ent Deposits (B2) (F	· ·
	Vater Table (A2)		Biotic Cru	` ,	(D.10)		_	_	eposits (B3) (Riveri	ne)
	ation (A3)	\	Aquatic Ir		,			_ `	ge Patterns (B10)	(00)
l —	Marks (B1) (Nonrive		Hydrogen		, ,	Livina Do	-ta (C3)	_	ason Water Table	(C2)
l —	ent Deposits (B2) (No eposits (B3) (Nonriv e	-		•	eres along ed Iron (C	-	ols (C3)		uck Surface (C7) h Burrows (C8)	
l —	e Soil Cracks (B6)	erine)			tion in Tille	-	6)		tion Visible on Aeria	al Imageny (C0)
l —	ation Visible on Aerial	Imagery (R				u oons (o	_		v Aquitard (D3)	ar irriagery (C9)
	-Stained Leaves (B9)	imagery (B	Other (Ex				_		eutral Test (D5)	
				<u>'</u>				_	(- 7	
Field Obse		Voc.	No X Depth (inch	20c).						
Water Table			No X Depth (inch			-				
Saturation			No X Depth (inch			— Wetla	and Hydrolog	ıv Preser	nt? Yes X	No
	apillary fringe)		No X Bopan (mor			_ '''	and my droids	, y 1 10001	κ. 100 <u>χ</u>	
-	corded Data (stream	gauge, mor	nitoring well, aerial ph	otos, prev	ious inspe	ctions), if	available: n/a	1		
D		- 4		1 - E4				4 - 41 !		
Remarks: A wetland hyd	lthough no surface ward	ater was pre	esent at the time of th	e delineat	ion, evider	ice of hyd	ropnytic vege	tation ind	icate that the area	supports
Troduction right	. O.Ogy.									
LIC A Ca	orns of Engineers								A ::-! \ \ / +	Version 2.0

US Army Corps of Engineers

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	0	Sampling Date: 4/12/2021
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point: VPHCP1528
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	ange: Section 31, T18S	R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave	convex, none): concave	Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat:	32.552204534	49	Long: -117.008254009	Datum: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30	percent slop	es		NWI classificati	on: Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical f	or this time o	f year? Yes	X No	o(If no, explain ir	n Remarks.)
Are Vegetation X, Soil , or Hydrology	signif	icantly disturb	ed?	Are "Normal Circumstanc	es" present? Yes X No
Are Vegetation, Soil, or Hydrology	natur	ally problemat	tic?	(If needed, explain any an	swers in Remarks.)
SUMMARY OF FINDINGS – Attach site map s	howing sa	mpling poir	nt locations	s, transects, importar	nt features, etc.
Hydrophytic Vegetation Present? Yes	No X				
Hydric Soil Present? Yes	No X		he Sampled hin a Wetlan	Yes	No X
Wetland Hydrology Present? Yes X	No	Witi	iiii a vvetiaii	ur —	
Remarks: The majority of the vegetation on the site is does not meet the wetland criteria. VEGETATION – Use scientific names of plant		urbed due to p	past land use	es.This feature was sampl	ed during the growing season and
	Absolute	Dominant	Indicator	Dominance Test work	sheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant S	pecies
1. none				That Are OBL, FACW,	or FAC:(A)
				Total Number of Domir Species Across All Stra	ato:
3				Percent of Dominant S	<u></u> (D)
4		= Total Cove		That Are OBL, FACW,	
Sapling/Shrub Stratum (Plot size:		- Total Cove	 I		
1. none	'			Prevalence Index wor	ksheet:
2.				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4.				FACW species	x 2 =
5.				FAC species	x 3 =
		= Total Cove	er	FACU species	x 4 =
Herb Stratum (Plot size:)				UPL species	x 5 =
1. Galium aparine	5	N	FACU	Column Totals:	(B)
2. Sporobolus airoides	10	N	FAC	Prevalence Inde	ex = B/A =
3. Avena barbata	30	<u> </u>	UPL		
4. Bromus diandrus		N	UPL	Hydrophytic Vegetation	
Stipa pulchra Festuca perennis	<u>25</u> 	<u> </u>	UPL	Dominance Test	
7			FAC	Prevalence Index	
8.					daptations¹ (Provide supporting rks or on a separate sheet)
	100	= Total Cov			rophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:		Total Cov		i iobiematic riyu	Tophytic vegetation (Explain)
1. none				¹ Indicators of hydric so	oil and wetland hydrology must
2.				be present, unless dis	turbed or problematic.
		= Total Cove	er	Hydrophytic	
% Bare Ground in Herb Stratum 0 % C	over of Biotic			Vegetation	'es No X
Remarks: No ACOE vernal pool plant indicator specie	s were prese	ent within the l	basin.		

SOIL Sampling Point: <u>VPHCP1528</u>

(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-2	10YR 3/2	100					Loam	No redox, a lot of organic material
2-5	10YR 4/1.5	100					Clay	Root channels, no redox.
5-18	10YR 3/1	100					Clay	
				_				_
				-	. ——			_
				-				_
							-	
¹ Type: C=Con	ncentration, D=Depletion	n, RM=Reduce	ed Matrix, CS=Covere	ed or Coated	Sand Grain	s. ²	Location: PL=Pore	 e Lining, RC=Root Channel, M=Matrix.
	Indicators: (Applic							for Problematic Hydric Soils ³ :
Histosol	(A1)		Sandy	Redox (S5)		1 cm M	uck (A9) (LRR C)
Histic Ep	pipedon (A2)		Strippe	d Matrix (S	6)			uck (A10) (LRR B)
	istic (A3)			Mucky Min				ed Vertic (F18)
	en Sulfide (A4)			Gleyed Ma				rent Material (TF2)
	d Layers (A5) (LRR	C)		ed Matrix (F	,		Other (I	Explain in Remarks)
	uck (A9) (LRR D)	oo (A11)		Dark Surfa	` '			
	d Below Dark Surfac ark Surface (A12)	Se (ATT)		ed Dark Su Depressior			3Indicators	of hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)	15 (1-0)			hydrology must be present,
	Gleyed Matrix (S4)		veiliai	. 5513 (1 3)				listurbed or problematic.
Restrictive I	Layer (if present):							
Type:								
Depth (incl	hes):o hydric soil indicato	ors observed	_				Hydric Soil Pre	esent? Yes No X
Depth (incl Remarks: N	o hydric soil indicato	ors observed					Hydric Soil Pre	esent? Yes No X
Depth (incl Remarks: No	o hydric soil indicato							
Depth (incl Remarks: No IYDROLOG Wetland Hy	o hydric soil indicate SY vdrology Indicators	:	· check all that app	olv)			Sec	ondary Indicators (2 or more require
Depth (incl Remarks: No IYDROLOG Wetland Hy Primary Indi	o hydric soil indicate SY rdrology Indicators cators (minimum of	:		•			Sec	ondary Indicators (2 or more require Water Marks (B1) (Riverine)
Depth (incl Remarks: No IYDROLOG Wetland Hy Primary IndiSurface	o hydric soil indicators ordrology Indicators cators (minimum of Water (A1)	:	Salt Cru	st (B11)				ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Depth (incl Remarks: No IYDROLOG Wetland Hy Primary Indi Surface High Wa	o hydric soil indicators Ydrology Indicators cators (minimum of Water (A1) ater Table (A2)	:	Salt Cru	st (B11) rust (B12)	es (B13)		Sec	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Depth (incl Remarks: No IYDROLOG Wetland Hy Primary Indi Surface High Wa Saturati	o hydric soil indicators ordrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3)	one required	Salt Cru Biotic Cr Aquatic	st (B11) rust (B12) Invertebrat	` '		<u>Sec</u>	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Depth (incl Remarks: No Primary Indi Surface High Wa Saturati Water M	o hydric soil indicators ordrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive	s: one required rine)	Salt Cru Biotic Cr Aquatic Hydroge	st (B11) rust (B12) Invertebrat en Sulfide C	Odor (C1)	Living Ro	Sec	ondary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
Depth (incl Remarks: No Primary Indi Surface High Wa Saturati Water No Sedime	o hydric soil indicators of vidrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No	one required rine) porriverine)	Salt Cru Biotic Cr Aquatic Hydroge Oxidized	st (B11) rust (B12) Invertebraten Sulfide C d Rhizosphe	Odor (C1) eres along	_	Sec	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Depth (incl Remarks: No Remark	o hydric soil indicators ordrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No	one required rine) porriverine)	Salt Cru Biotic Cr Aquatic Hydroge Oxidized	st (B11) rust (B12) Invertebraten Sulfide C d Rhizosphere of Reduce	Odor (C1) eres along ed Iron (C4	4)	Sec	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Depth (incl Remarks: No IYDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water No Sedimed Drift De X Surface	o hydric soil indicators ordrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6)	one required rine) ponriverine) erine)	Salt Cru Biotic Cr Aquatic Hydroge Oxidized Presenc	st (B11) rust (B12) Invertebraten Sulfide C I Rhizosphee of Reduction Reduction	Odor (C1) eres along ed Iron (C4 tion in Tille	4)	Sec	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C
Depth (incl Remarks: No IYDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimel Drift Dep X Surface Inundati	o hydric soil indicators ordrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial	one required rine) onriverine) erine)	Salt Cru Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I	st (B11) rust (B12) Invertebraten Sulfide College Green Reduction Reduction Strategies (College Green Reduction Redu	Odor (C1) eres along ed Iron (C4 tion in Tille (C7)	4)	Sec	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3)
Depth (incl Remarks: No Remark	o hydric soil indicators ordrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9)	one required rine) onriverine) erine)	Salt Cru Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I	st (B11) rust (B12) Invertebraten Sulfide C I Rhizosphee of Reduction Reduction	Odor (C1) eres along ed Iron (C4 tion in Tille (C7)	4)	Sec	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C
Depth (incl Remarks: No Remark	o hydric soil indicators ordrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations:	c: one required rine) onriverine) erine) Imagery (B7	Salt Cru Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Other (E	st (B11) rust (B12) Invertebraten Sulfide Coll Rhizosphire of Reduction Redu	Odor (C1) eres along ed Iron (C4 tion in Tille (C7)	4)	Sec	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3)
Depth (incl Remarks: No Remark	o hydric soil indicators ordrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present?	c: one required rine) onriverine) erine) Imagery (B7	Salt Cru Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebraten Sulfide Coll Rhizosphile of Reduction Redu	Odor (C1) eres along ed Iron (C4 tion in Tille (C7)	4)	Sec	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3)
Depth (incl Remarks: No Remark	o hydric soil indicators of the cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (Norive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present?	rine) ponriverine) erine) Imagery (B7	Salt Cru Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebraten Sulfide Cold Reduction	Odor (C1) eres along ed Iron (C4 tion in Tille (C7)	4) d Soils (Cr	Sec	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (incl Remarks: No Remark	o hydric soil indicators of variology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present?	rine) ponriverine) erine) Imagery (B7	Salt Cru Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebraten Sulfide Cold Reduction	Odor (C1) eres along ed Iron (C4 tion in Tille (C7)	4) d Soils (Cr	Sec	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (incl Remarks: No Remark	o hydric soil indicators of variology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present?	one required rine) conriverine) erine) Imagery (B7	Salt Cru Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebraten Sulfide Coll Reduction	Odor (C1) eres along ed Iron (Cation in Tille (C7) emarks)	4) d Soils (Co	ots (C3)	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (incl Remarks: No Remark	o hydric soil indicators of variology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present? resent?	one required rine) conriverine) erine) Imagery (B7	Salt Cru Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebraten Sulfide Coll Reduction	Odor (C1) eres along ed Iron (Cation in Tille (C7) emarks)	4) d Soils (Co	ots (C3)	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (incl Remarks: No Remark	o hydric soil indicators of the control of the cont	one required rine) porriverine) erine) Imagery (B7 Yes Yes Yes	Salt Cru Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E No X Depth (ind No X Depth (ind toring well, aerial p	st (B11) rust (B12) Invertebraten Sulfide C I Rhizosphore of Reductor Reduc	Odor (C1) eres along ed Iron (C4 tion in Tille (C7) emarks)	d Soils (Co	ots (C3)	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Depth (incl Remarks: No Remark	o hydric soil indicators of the control of the cont	one required rine) porriverine) erine) Imagery (B7 Yes Yes Yes	Salt Cru Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E No X Depth (ind No X Depth (ind toring well, aerial p	st (B11) rust (B12) Invertebraten Sulfide C I Rhizosphore of Reductor Reduc	Odor (C1) eres along ed Iron (C4 tion in Tille (C7) emarks)	d Soils (Co	ots (C3)	ondary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C8) Shallow Aquitard (D3) FAC-Neutral Test (D5) Present? Yes X No

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	Sampling Date: 2.27.20
Applicant/Owner: Pardee Homes				State: CA	Sampling Point: VPHCP1651
Investigator(s): Beth Proscal, Raquel Atik		Section,	Township, R	Range: Section 31, T18S F	R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	32.55214		Long: -117.01840	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent si	lopes				n: Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in	Remarks.)
Are Vegetation X, Soil , or Hydrology	signifi	icantly disturb	ped?	Are "Normal Circumstance	s" present? Yes X No
Are Vegetation Soil X, or Hydrology	 natura	ally problema	tic?	(If needed, explain any ans	wers in Remarks.)
				a transcata important	t factures ato
SUMMARY OF FINDINGS – Attach site map sh	lowing sai	mpling poli	nt locations	s, transects, important	reatures, etc.
Hydrophytic Vegetation Present? Yes X	No	_ 1- 41	0 11	A	
Hydric Soil Present? Yes X	No	I	he Sampled hin a Wetlan	YAC X	(No
Wetland Hydrology Present? Yes X	No	_ """	a rrottan	u .	
Remarks: The majority of the vegetation on the site ha	s been disti	urbed due to	past land use	es. This feature was sample	ed during the growing season and
meets the wetland criteria.		'		·	0 0 0
VEGETATION – Use scientific names of plants		Daminant	la di a atau	Deminence Test weeks	ahaati
Tree Stratum (Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works	
1. none				Number of Dominant Sp That Are OBL, FACW, o	
2.				Total Number of Domina	. ,
3.				Species Across All Strat	Z (D)
4				Percent of Dominant Sp	
		= Total Cove	er	That Are OBL, FACW, o	or FAC: <u>100</u> (A/B)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index work	
2				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4				FACW species	
5				FAC species FACU species	
Herb Stratum (Plot size:)		= Total Cove	31	UPL species	x 5 =
1. Spergularia bocconi	15	Yes	FACW	Column Totals:	(A) (B)
2. Psilocarphus brevissimus	25	Yes	FACW		
3. Lepidium nitidum	2	No	FAC	Prevalence Index	x = B/A =
4. Lepidium latipes	1	No	FACW	Hydrophytic Vegetatio	n Indicators:
5. Crassula aquatica	1	No	OBL	X Dominance Test is	s >50%
6. Plagiobothrys acanthocarpus	1	No	OBL	Prevalence Index	
7. Plantago elongata	1	No	FACW	Morphological Ada	aptations¹ (Provide supporting
8.				data in Remark	ks or on a separate sheet)
	46	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)					
1. none					ll and wetland hydrology must
2				be present, unless distu	urbed or problematic.
		= Total Cove	er	Hydrophytic	
% Bare Ground in Herb Stratum 54 % Co	ver of Biotic	Cruet		Vegetation Yesent?	es X No
			all logal weller		
Remarks: Sample area is a vernal pool that receives ru predominately of hydrophytic vegetation, it also supports					
Plagiobothrys acanthocarpus, and Plantago elongata).		, F. 20.00 III	25001	(,

SOIL Sampling Point: <u>VPHCP1651</u>

Depth (inches)	Matrix Color (moist)	%	Color (moist)	Features Type¹ Type¹	Loc ²	Texture	Remarks
0-2	10YR 3/2	100				sandy clay	
2-18	10YR 3/2	100				clay	
	_						
	_			·			
¹ Type: C=C			Matrix, CS=Covered or 0	Coated Sand Grain	s 2 ₁	ocation: PI =Pore I	ining, RC=Root Channel, M=Matrix.
			Rs, unless otherwise		J. L		r Problematic Hydric Soils ³ :
Histos	ol (A1)		Sandy Redo	ox (S5)		1 cm Mu	ck (A9) (LRR C)
	Epipedon (A2)		Stripped Ma	, ,			ck (A10) (LRR B)
	Histic (A3)		Loamy Mucl	ky Mineral (F1)			Vertic (F18)
Hydro	gen Sulfide (A4)		Loamy Gley	ed Matrix (F2)		Red Pare	ent Material (TF2)
Stratifi	ed Layers (A5) (LRR	C)	Depleted Ma	atrix (F3)		X Other (E)	rplain in Remarks)
1 cm N	Muck (A9) (LRR D)		Redox Dark	Surface (F6)			
Deplet	ted Below Dark Surfa	ce (A11)	Depleted Da	ark Surface (F7)			
	Dark Surface (A12)			essions (F8)			hydrophytic vegetation and
′	Mucky Mineral (S1)		Vernal Pools	s (F9)			ydrology must be present,
Sandy	Gleyed Matrix (S4)					unless dis	sturbed or problematic.
_	Layer (if present):						
Type: _ Depth (in			_			Hydric Soil Pres	
YDROLO	OGY						
	Hydrology Indicators	 5:				Seco	ndary Indicators (2 or more require
	dicators (minimum of		check all that apply)			w	ater Marks (B1) (Riverine)
Surfac	ce Water (A1)		Salt Crust (B	11)		S	ediment Deposits (B2) (Riverine)
— High V	Vater Table (A2)		X Biotic Crust (I	,			rift Deposits (B3) (Riverine)
	ation (A3)			tebrates (B13)			rainage Patterns (B10)
	Marks (B1) (Nonrive	erine)		lfide Odor (C1)			ry-Season Water Table (C2)
	nent Deposits (B2) (N	,	<u> </u>	zospheres along	Livina Roo		nin Muck Surface (C7)
	eposits (B3) (Nonriv	•		Reduced Iron (C4	-	· · —	rayfish Burrows (C8)
	ce Soil Cracks (B6)	,		Reduction in Tille	,		aturation Visible on Aerial Imagery (C
	ation Visible on Aeria	I Imagery (B7)	Thin Muck Su				nallow Aquitard (D3)
	-Stained Leaves (B9)	0 , (,		n in Remarks)			AC-Neutral Test (D5)
						<u> </u>	
Fiold Obec		Ves N	D_X_Depth (inches)	١٠			
		N	Depth (inches))- 	-		
Surface Wa	alei Present?				— Motion	nd Hydrology P	recent? Yes Y No
Surface Wa Water Tabl	e Present?		 V Donth (inches) 	1.	vveuai	ia nyarology P	resent? Yes X No
Surface Wa Water Tabl Saturation	e Present? Present?		Depth (inches)	·			
Surface Wa Water Tabl Saturation (includes ca	e Present? Present? apillary fringe)	Yes No			ctions) if a	vailable: n/a	
Surface Wa Water Tabl Saturation (includes ca	e Present? Present? apillary fringe)	Yes No	o X Depth (inches)		ctions), if a	vailable: n/a	
Surface Wa Water Tabl Saturation (includes ca	e Present? Present? apillary fringe)	Yes No			ctions), if a	vailable: n/a	
Surface Wa Water Tabl Saturation (includes ca escribe Re	e Present? Present? apillary fringe) ecorded Data (stream	Yes No	ring well, aerial photos	s, previous inspe			nd a biotic crust both indicate that the
Surface Wa Water Tabl Saturation (includes ca lescribe Re	e Present? Present? apillary fringe) ecorded Data (stream	Yes No	ring well, aerial photos	s, previous inspe			
Saturation (includes can be scribe Re	e Present? Present? apillary fringe) corded Data (stream	Yes No	ring well, aerial photos	s, previous inspe			
Surface Wa Water Tabl Saturation includes ca escribe Re emarks: A	e Present? Present? apillary fringe) corded Data (stream	Yes No	ring well, aerial photos	s, previous inspe			

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	0	_Sampling Dat	te: 3/17/202	21
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Poi	nt: VPHCP	1752
Investigator(s): Beth Procsal, Gerry Scheid		Section,	Township, R	ange: Section 31, T18S	R01W		
Landform (hillslope, terrace, etc.): mesa top		 Local reli	ief (concave,	convex, none): concave	s	lope (%): 0-	-2
Subregion (LRR): C - Mediterranean California	Lat: (32.552390151	15	Long: -117.008204617	 Da	tum: NAD83	 3
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30 pe	ercent slope	es		NWI classificati	ion: Freshwate	r Emergent	Wetland
Are climatic / hydrologic conditions on the site typical for			X No				
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstanc		es X N	No
Are Vegetation, Soil, or Hydrology				(If needed, explain any ar			
				-			
SUMMARY OF FINDINGS – Attach site map sho	owing sai	mpling poir	it locations	s, transects, importai	nt reatures, e	tc.	
Hydrophytic Vegetation Present? Yes	No X			_			
	No X	is u	ne Sampled <i>i</i> nin a Wetland	YAC	No	X	
Wetland Hydrology Present? Yes X	No	with	iii a vveuaiii	ur —			
Remarks: The vegetation at the sample site has been o	disturbed d	ue to past lan	d uses. This	feature was sampled duri	ng the growing	season and	l does
not meet the wetland criteria.		'		'	3 3 3		
VEGETATION – Use scientific names of plants.		<u> </u>	1 1 1	Deminera Testered			
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work			
1. none	70 0010.			Number of Dominant S That Are OBL, FACW,		1	(A)
2.				Total Number of Domir			_(' ')
3.				Species Across All Stra		2	(B)
4.				Percent of Dominant S			
		= Total Cove	er	That Are OBL, FACW,	or FAC:	50	_(A/B)
Sapling/Shrub Stratum (Plot size:)							
1. none				Prevalence Index wor	rksheet:		
2				Total % Cover of:	Mu	ıltiply by:	
3				OBL species 0	x 1 = _	0	
4				FACW species3	x 2 = _	6	
5				FAC species 53			
		= Total Cove	er	FACU species 0			
Herb Stratum (Plot size:)				UPL species 44		220	
1. Sporobolus airoides	3	No	FAC	Column Totals:10	0 (A) _	385	(B)
2. Bromus diandrus	43	Yes	UPL	Prevalence Inde	ex = B/A = <u>3.85</u>		
3. Eleocharis macrostachya	3	No	FACW				
4. Festuca perennis	50	Yes	FAC	Hydrophytic Vegetati			
5. Avena barbata	1	No	UPL	Dominance Test			
6. 7.				Prevalence Inde			
8.				Morphological A	daptations† (Pro		
0	100	= Total Cov	vor.		•	•	
Woody Vine Stratum (Plot size:		- Total Cov	CI	Problematic Hyd	ropnylic vegeta	ation (Expla	iin)
1. none				¹ Indicators of hydric se	oil and wetland	hydrology m	nuet
2.				be present, unless dis			last
<u> </u>		= Total Cove	er	Hydrophytic			_
-		10101 0010	,ı	Vegetation			
% Bare Ground in Herb Stratum 0 % Cov	er of Biotic	Crust		•	'es	No_X	_
Remarks: The sample area does not support a predomin	nance of hy	/drophytic veg	getation, and	no ACOE vernal pool pla	nt indicator spe	cies were p	resent
within the basin.		-					

SOIL Sampling Point: <u>VPHCP1752</u>

Profile Desc Depth	cription: (Describe Matrix	to the depth ne		ent the inc edox Featu		confirm	the absence	of indicators	s.)
(inches)	Color (moist)	<u></u> %	Color (moist)	%	Type ¹	Loc ²	– Texture	e	Remarks
(1101100)			Color (moist)		Турс		_ TOXIGN	<u> </u>	Romano
							_		
							_		
	ncentration, D=Depletion					S.			=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applie	cable to all LRI	Rs, unless other	wise note	d.)		Indicato	rs for Proble	matic Hydric Soils³:
Histoso	I (A1)		Sandy F	Redox (S5))		1 cm	n Muck (A9) (I	LRR C)
Histic E	pipedon (A2)		Stripped	Matrix (S	6)		2 cm	n Muck (A10)	(LRR B)
_	istic (A3)		Loamy I	Mucky Min	eral (F1)			uced Vertic (F	
	en Sulfide (A4)			Gleyed Ma				Parent Mater	,
	d Layers (A5) (LRR	C)		d Matrix (F				er (Explain in I	,
l —	uck (A9) (LRR D)	O)		Dark Surfa	,			or (Explain iii i	(Citaria)
	` , ` ,	00 (111)			, ,				
	d Below Dark Surfa	ce (ATT)		d Dark Sui			31		
	ark Surface (A12)			Depression	is (F8)				ytic vegetation and
	Mucky Mineral (S1)		Vernal I	Pools (F9)					must be present,
Sandy 0	Gleyed Matrix (S4)						unles	ss disturbed o	r problematic.
Restrictive	Layer (if present):								
Type:									
Depth (inc	hac):		_				Hydric Soil	Dresent?	Yes No X
			_						
Remarks: T	he sampled area su	pports a predor	ninance of upland	d vegetatio	n and doe	s not mee	et the hydroph	nytic vegetatio	on standard to be considered a
wetland. The	erefore, no soil pit w	as dug and hyd	ric soils are not c	onsidered	to be prese	ent.			
HYDROLO	GY								
Wetland Hy	drology Indicators	s:					<u>s</u>	Secondary In	dicators (2 or more required)
Primary Ind	icators (minimum of	one required; c	heck all that appl	v)				Water Mar	ks (B1) (Riverine)
Surface	· Water (A1)	<u>'</u>	Salt Crus	t (B11)					Deposits (B2) (Riverine)
							_		
	ater Table (A2)		Biotic Cr				_		sits (B3) (Riverine)
Saturat	ion (A3)		X Aquatic I	nvertebrate	es (B13)		_		Patterns (B10)
Water N	Marks (B1) (Nonrive	erine)	Hydrogei	n Sulfide C	odor (C1)		_	Dry-Seaso	n Water Table (C2)
Sedime	ent Deposits (B2) (N	onriverine)	Oxidized	Rhizosphe	eres along	Living Ro	oots (C3)	Thin Muck	Surface (C7)
	posits (B3) (Nonriv				ed Iron (C	_	` ′ –		urrows (C8)
		cilic)			tion in Tille	-	-		
	Soil Cracks (B6)	(5-1)				u Solis (C			Visible on Aerial Imagery (C9)
	ion Visible on Aeria			k Surface			_		quitard (D3)
Water-S	Stained Leaves (B9))	Other (E	kplain in R	emarks)		_	FAC-Neutr	ral Test (D5)
Field Obser	vations:								
Surface Wat		Vec N	X_Depth (inc	hae).					
İ									
Water Table			Depth (inc					_	
Saturation P		Yes No	Depth (inc	hes):		Wetla	and Hydrolo	gy Present?	Yes <u>X</u> No
	pillary fringe)								
Describe Rec	orded Data (stream	gauge, monitor	ing well, aerial pl	notos, prev	ious inspe	ctions), if	available:		
Remarks: Alt	hough no surface w	ater was preser	nt at the time of th	ne delineat	ion, the ev	idence of	surface soil o	cracks. Water	table level and saturation are
not known as	a soil pit was not du	ıg.							

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	go Sampling Date: 3/17/2021
Applicant/Owner: Tri Point Homes				State: CA Sampling Point: VPHCP1753
Investigator(s): Beth Procsal, Gerry Scheid		Section,	Township, F	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave	, convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat:	 32.55209235	76	Long: -117.00798359 Datum: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30	percent slop	es		NWI classification: Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical f	or this time of	f year? Yes	X N	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology	signif	icantly disturb	ped?	Are "Normal Circumstances" present? Yes X No
Are Vegetation Soil or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map s				s transects important features etc
			in iooution	o, transocio, important routarco, etc.
Hydrophytic Vegetation Present? Yes	NoX	─ Is ti	he Sampled	Area
Hydric Soil Present? Yes	No X	— witl	hin a Wetlan	d? Yes No X
Wetland Hydrology Present? Yes X	No	_		
not meet the wetland criteria. VEGETATION – Use scientific names of plan		ue to past lar	nd uses. This	feature was sampled during the growing season and does
Contract Goo colonial manico of plan	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species
1. none				That Are OBL, FACW, or FAC:(A)
2. 3.				Total Number of Dominant Species Across All Strata:
				Percent of Dominant Species 2 (B)
* .		= Total Cove	er	That Are OBL, FACW, or FAC:(A/B)
Sapling/Shrub Stratum (Plot size:)			
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species 0 x 1 = 0
4.				FACW species0 x 2 =0
5				FAC species 50 x 3 = 150
		= Total Cove	er	FACU species 0 x 4 = 0
Herb Stratum (Plot size:)				UPL species50 x 5 =250
1. Bromus diandrus	45	Yes	UPL	Column Totals:100(A)400(B)
2. Avena barbata	5	No	UPL	Prevalence Index = B/A = 4.0
Festuca perennis 4.	50	Yes	FAC	Hydrophytic Vegetation Indicators:
				Dominance Test is >50%
6				Prevalence Index is ≤3.0¹
7.				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	100	= Total Cov	ver	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)			
1none				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2				be present, unless disturbed of problematic.
		= Total Cove	er	Hydrophytic
% Para Cround in Harb Stratum 0 0/0	over of Diati-	Cruct		Vegetation
	Cover of Biotic			Vegetation Present? Yes NoX
			getation, and	Vegetation
Remarks: The sample area does not support a predo			getation, and	Vegetation Present? Yes NoX

SOIL Sampling Point: <u>VPHCP1753</u>

Depth (inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	Texture	F	Remarks
				-					
·-					- ——			=	
		· —— ·							
		· ——			. ——				
	centration, D=Depletion					ns. ² L		ore Lining, RC=Root Ch	
-	ndicators: (Applic	able to all L			•			s for Problematic H	ydric Soils³:
Histosol	,			Redox (S5)				Muck (A9) (LRR C)	
— HISUC EP Black His	ipedon (A2)			d Matrix (S Mucky Min	•			Muck (A10) (LRR B) ced Vertic (F18))
	n Sulfide (A4)			Gleyed Ma	. ,			Parent Material (TF2))
	Layers (A5) (LRR	C)		ed Matrix (F	. ,			(Explain in Remarks	
	ck (A9) (LRR D)	•,		Dark Surfa	,			(Explain in Romana	-,
	Below Dark Surface	e (A11)		ed Dark Su	` '				
Thick Da	rk Surface (A12)		Redox	Depression	ns (F8)		3Indicators	s of hydrophytic vege	etation and
Sandy M	ucky Mineral (S1)		Vernal	Pools (F9)			wetlan	d hydrology must be	e present,
Sandy G	leyed Matrix (S4)						unless	disturbed or probler	matic.
	ayer (if present):								
Type:	00):		<u> </u>				Hydric Soil B	recent? Vec	No. Y
Depth (inch						s not meet	Hydric Soil P	resent? Yes rtic vegetation standa	No X ard to be considered
Depth (inch Remarks: Th vetland. Ther	e sampled area su efore, no soil pit wa					s not meet			
Depth (inch Remarks: Th vetland. Ther	e sampled area su efore, no soil pit wa	is dug and h				s not meet	the hydrophy	rtic vegetation standa	ard to be considered
Depth (inch Remarks: Th vetland. Ther YDROLOG Wetland Hyd	e sampled area su efore, no soil pit wa Y drology Indicators	s dug and h	ydric soils are not d	considered		s not meet	the hydrophy	rtic vegetation standa	ard to be considered
Depth (inch Remarks: Th vetland. Ther YDROLOG Wetland Hyd Primary Indic	e sampled area su efore, no soil pit wa Y drology Indicators ators (minimum of	s dug and h	ydric soils are not o	oly)		s not meet	the hydrophy	rtic vegetation standa econdary Indicators Water Marks (B1) (ard to be considered (2 or more require
Depth (inch Remarks: Th vetland. Ther YDROLOG Wetland Hyd Primary Indic Surface	e sampled area su efore, no soil pit wa Y drology Indicators eators (minimum of Water (A1)	s dug and h	ydric soils are not o	considered bly) st (B11)		s not meet	the hydrophy	rtic vegetation standa econdary Indicators Water Marks (B1) (Sediment Deposits	ard to be considered 6 (2 or more require (Riverine) 6 (82) (Riverine)
Depth (inch Remarks: Th vetland. Ther YDROLOG Wetland Hyd Primary Indic Surface V High Wa	Y drology Indicators ators (minimum of Water (A1) ter Table (A2)	s dug and h	ydric soils are not o	oly) st (B11) rust (B12)	to be pres	s not meet	the hydrophy	econdary Indicators Water Marks (B1) (Sediment Deposits Drift Deposits (B3)	ard to be considered 6 (2 or more require (Riverine) 6 (B2) (Riverine) (Riverine)
Depth (inch Remarks: Th vetland. Ther YDROLOG Wetland Hyd Primary Indic Surface High Wa Saturatio	e sampled area supefore, no soil pit was Y drology Indicators eators (minimum of Water (A1) ter Table (A2) in (A3)	s dug and h	ydric soils are not o	oly) st (B11) rust (B12)	to be pres	s not meet	the hydrophy	condary Indicators Water Marks (B1) (Sediment Deposits Drift Deposits (B3) Drainage Patterns	ard to be considered a (2 or more require (Riverine) a (B2) (Riverine) (Riverine) (B10)
Depth (inch Remarks: Th vetland. Ther YDROLOG Wetland Hyd Primary Indic Surface V High Wa Saturatic Water M	e sampled area sulefore, no soil pit was Y drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive	: one required	ydric soils are not o	oly) st (B11) rust (B12) Invertebrat	to be pres es (B13) Odor (C1)	es not meet ent.	the hydrophy	econdary Indicators Water Marks (B1) (Sediment Deposits Drift Deposits (B3) Drainage Patterns Dry-Season Water	ard to be considered (2 or more require (Riverine) (Riverine) (Riverine) (Riverine) (B10) Table (C2)
Depth (inch Remarks: Th vetland. Ther YDROLOG Wetland Hyd Primary Indic Surface V High Wa Saturatio Water M Sedimen	Y drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive t Deposits (B2) (No	: one required rine) porriverine)	ydric soils are not on the soi	oly) st (B11) rust (B12) Invertebrat	es (B13) Odor (C1) eres along	es not meet ent.	the hydrophy	econdary Indicators Water Marks (B1) (Sediment Deposits Drift Deposits (B3) Drainage Patterns Dry-Season Water Thin Muck Surface	(Riverine) (B10) (C7)
Primary Indic Saturatic Water M Saturatic Water M Sedimen Drift Dep	Y drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive t Deposits (B2) (No	: one required rine) porriverine)	d; check all that app Salt Cru Biotic Cr X Aquatic Hydroge Oxidized	oly) st (B11) rust (B12) Invertebraten Sulfide Cd Rhizosphe	es (B13) Odor (C1) eres along ced Iron (C	es not meet ent.	Seconds (C3)	econdary Indicators Water Marks (B1) (Sediment Deposits (B3) Drainage Patterns Dry-Season Water Thin Muck Surface Crayfish Burrows ((2 or more require (Riverine) (B(2) (Riverine) (Riverine) (Riverine) (B10) (B10) (C7) (C7)
Primary Indic Saturatic Water M Saturatic Water M Sedimen Drift Dep X Surface	Y drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive t Deposits (B2) (No osits (B3) (Nonrive Soil Cracks (B6)	: one required rine) prriverine) erine)	d; check all that app Salt Cru Biotic Ci X Aquatic Hydroge Oxidized Presend	oly) st (B11) rust (B12) Invertebraten Sulfide Cd Rhizosphe	es (B13) Odor (C1) eres along ced Iron (C tion in Tille	es not meet ent.	Seconds (C3)	econdary Indicators Water Marks (B1) (Sediment Deposits Drift Deposits (B3) Drainage Patterns Dry-Season Water Thin Muck Surface Crayfish Burrows (Saturation Visible of	(Riverine) (B10) Table (C2) (C7) C8) On Aerial Imagery (C
Primary Indices Saturation Water M. Sediment Drift Dep X. Surface Surf	Y drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive t Deposits (B2) (No	: one required rine) prriverine) erine)	d; check all that app Salt Cru Biotic Co X Aquatic Hydroge Oxidized Presence Recent	oly) st (B11) rust (B12) Invertebraten Sulfide Cod Rhizosphere of Reduction Reduction	es (B13) Ddor (C1) eres along sed Iron (C tion in Tille (C7)	es not meet ent.	Seconds (C3)	econdary Indicators Water Marks (B1) (Sediment Deposits (B3) Drainage Patterns Dry-Season Water Thin Muck Surface Crayfish Burrows ((Riverine) (B10) (C7) (C7) (C8) (C7) (C8) (C7) (C8) (C7) (C8) (C7) (C8) (C7) (C8) (C7) (C8) (C7) (C8) (C7) (C8)
Primary Indices Saturation Water M. Sediment Drift Dep X. Surface Surf	Y drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive t Deposits (B2) (No osits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial cained Leaves (B9)	: one required rine) prriverine) erine)	d; check all that app Salt Cru Biotic Co X Aquatic Hydroge Oxidized Presence Recent	oly) st (B11) rust (B12) Invertebraten Sulfide Cd Reduction Reduction Reduction Reduction Sulface	es (B13) Ddor (C1) eres along sed Iron (C tion in Tille (C7)	es not meet ent.	Seconds (C3)	econdary Indicators Water Marks (B1) (Sediment Deposits Drift Deposits (B3) Drainage Patterns Dry-Season Water Thin Muck Surface Crayfish Burrows (Saturation Visible of	(Riverine) (B10) (C7) (C7) (C8) (C7) (C8) (C7) (C8) (C7) (C8) (C7) (C8) (C7) (C8) (C7) (C8) (C7) (C8) (C7) (C8)
Primary Indic Saturatic Water M Sedimen Drift Dep X Surface Inundatic Water-St	Y drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive t Deposits (B2) (No osits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial cained Leaves (B9) ations: r Present?	is dug and h crine) conciverine) erine) Imagery (B7	d; check all that app Salt Cru Biotic Cr X Aquatic Hydroge Oxidized Presend Recent Thin Mu Other (E	oly) st (B11) rust (B12) Invertebraten Sulfide Cd Rhizosphee of Reduction Re	es (B13) Odor (C1) eres along ced Iron (C tion in Tille (C7) emarks)	es not meet ent.	Seconds (C3)	econdary Indicators Water Marks (B1) (Sediment Deposits Drift Deposits (B3) Drainage Patterns Dry-Season Water Thin Muck Surface Crayfish Burrows (Saturation Visible of	ard to be considered 6 (2 or more require (Riverine) 6 (B2) (Riverine) (Riverine) (B10) Table (C2) (C7) C8) on Aerial Imagery (CD3)
Primary Indic Water M Sedimen Drift Dep X Surface Water M Sedimen Drift Dep X Surface Inundatio Water-Si	Y drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive t Deposits (B2) (No osits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial cained Leaves (B9) ations: r Present?	is dug and h crine) conciverine) erine) Imagery (B7	d; check all that app Salt Cru Biotic Ci X Aquatic Hydroge Oxidized Presend Recent Thin Mu Other (E	oly) st (B11) rust (B12) Invertebraten Sulfide Cd Rhizosphee of Reduction Re	es (B13) Odor (C1) eres along ced Iron (C tion in Tille (C7) emarks)	es not meet ent.	Seconds (C3)	econdary Indicators Water Marks (B1) (Sediment Deposits Drift Deposits (B3) Drainage Patterns Dry-Season Water Thin Muck Surface Crayfish Burrows (Saturation Visible of	ard to be considered 6 (2 or more require (Riverine) 6 (B2) (Riverine) (Riverine) (B10) Table (C2) (C7) C8) on Aerial Imagery (CD3)
Primary Indices Wetland Hyde Primary Indices Water M. Sediment Drift Dep X Surfaces Inundation Water-Sield Observ Surface Water Vater Table F Saturation Press	Y drology Indicators ators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive t Deposits (B2) (No osits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial ained Leaves (B9) ations: r Present?	is dug and h	d; check all that app Salt Cru Biotic Cr X Aquatic Hydroge Oxidized Presend Recent Thin Mu Other (E	oly) st (B11) rust (B12) Invertebraten Sulfide Cod Rhizosphore of Reduction	es (B13) Odor (C1) eres along ced Iron (C tion in Tille (C7) emarks)	es not meet ent. Living Roo 4) ed Soils (C6	Seconds (C3)	econdary Indicators Water Marks (B1) (Sediment Deposits (B3) Drainage Patterns Dry-Season Water Thin Muck Surface Crayfish Burrows (Saturation Visible of Shallow Aquitard (I	ard to be considered 6 (2 or more require (Riverine) 6 (B2) (Riverine) (Riverine) (B10) Table (C2) (C7) C8) on Aerial Imagery (CD3)
Primary Indices Saturation Water Mater Similar Water String Water String Water Table Fosturation Projection of the principle	Y drology Indicators ators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive t Deposits (B2) (No osits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial ained Leaves (B9) ations: r Present? Present?	is dug and h	d; check all that app Salt Cru Biotic Cr X Aquatic Hydroge Oxidized Presend Recent Thin Mu Other (E	oly) st (B11) rust (B12) Invertebraten Sulfide Cod Reduction Redu	es (B13) Odor (C1) eres along ced Iron (C tion in Tille (C7)	es not meet ent. Living Roo 4) ed Soils (C6	the hydrophy Se ots (C3) ots (C3) ond Hydrolog	econdary Indicators Water Marks (B1) (Sediment Deposits (B3) Drainage Patterns Dry-Season Water Thin Muck Surface Crayfish Burrows (Saturation Visible of Shallow Aquitard (I	(Riverine) (B10) (Table (C2) (C7) (C8) on Aerial Imagery (C0) (D5)
Primary Indices Saturation Water Sirilad Observ Surface Water Table Facturation Projection of the Capital Control of the Capital Control of the Capital Control of the Capital Control of the Capital Control of the Capital Control of the Capital Control of the Capital Control of the Capital Control of the Capital Control of the Capital Control of the Capital Control of the Capital Capital Control of the Capital C	Y drology Indicators ators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive t Deposits (B2) (No osits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial ained Leaves (B9) ations: r Present?	is dug and h	d; check all that app Salt Cru Biotic Co X Aquatic Hydroge Oxidized Presend Recent Thin Mu Other (E	oly) st (B11) rust (B12) Invertebraten Sulfide Cod Reduction Redu	es (B13) Odor (C1) eres along ced Iron (C tion in Tille (C7)	es not meet ent. Living Roo 4) ed Soils (C6	the hydrophy Se ots (C3) ots (C3) ond Hydrolog	econdary Indicators Water Marks (B1) (Sediment Deposits (B3) Drainage Patterns Dry-Season Water Thin Muck Surface Crayfish Burrows (Saturation Visible of Shallow Aquitard (I	(Riverine) (B10) (Table (C2) (C7) C8) on Aerial Imagery (CD3) (D5)
Pepth (inches Remarks: The vetland. There vetland. There vetland Hydrogen Surface Vetland Hydrogen Saturation Water Surface Water Table Footback Saturation Preincludes capilescribe Recomposition (includes capilescribe Recomposition)	Y drology Indicators ators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive t Deposits (B2) (No osits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial ained Leaves (B9) ations: r Present? Present? esent? llary fringe) rded Data (stream	is dug and h	ydric soils are not of the soi	oly) st (B11) rust (B12) Invertebraten Sulfide Cd Reduction Reduct	es (B13) Odor (C1) eres along ced Iron (C tion in Tille (C7) emarks)	es not meet ent. Living Roo 4) ad Soils (C6	the hydrophy Se ots (C3) ots (C3) otherwise and Hydrolog vailable:	condary Indicators Water Marks (B1) (Sediment Deposits Drift Deposits (B3) Drainage Patterns Dry-Season Water Thin Muck Surface Crayfish Burrows (Saturation Visible of Shallow Aquitard (I FAC-Neutral Test (ard to be considered (2 or more require (Riverine) (8 (B2) (Riverine) (B10) (Table (C2) (C7) (C8) (D3) (D5)
Depth (inch Remarks: The vetland. Ther YDROLOG Wetland Hyde Primary Indice Surface Water M. Sediment Drift Depth X Surface Surface Water-Steld Observe Surface Water Table Foaturation Presincludes capite escribe Recommendation and the commendation of the commendati	Y drology Indicators ators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive t Deposits (B2) (No osits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial ained Leaves (B9) ations: r Present? Present? llary fringe) rded Data (stream	crine) crine) crine) crine) lmagery (B7 les les gauge, monitater was pre-	ydric soils are not of the soi	oly) st (B11) rust (B12) Invertebraten Sulfide Cd Reduction Reduct	es (B13) Odor (C1) eres along ced Iron (C tion in Tille (C7) emarks)	Living Roo 4) ad Soils (C6 Wetlan ections), if a	the hydrophy Se ots (C3) ots (C3) otherwise and Hydrolog vailable:	econdary Indicators Water Marks (B1) (Sediment Deposits (B3) Drainage Patterns Dry-Season Water Thin Muck Surface Crayfish Burrows (Saturation Visible of Shallow Aquitard (I	ard to be considered (2 or more require (Riverine) (8 (B2) (Riverine) (B10) (Table (C2) (C7) (C8) (D3) (D5)
Depth (inch Remarks: Th vetland. Ther YDROLOG Wetland Hyd Primary Indic Surface V High Wa Saturatio Water M Sedimen Drift Dep X Surface S Inundatio Water-Si Sield Observ Surface Water Vater Table F Saturation Pre ncludes capi escribe Reco	Y drology Indicators ators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive t Deposits (B2) (No osits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial ained Leaves (B9) ations: r Present? Present? esent? llary fringe) rded Data (stream	crine) crine) crine) crine) lmagery (B7 les les gauge, monitater was pre-	ydric soils are not of the soi	oly) st (B11) rust (B12) Invertebraten Sulfide Cd Reduction Reduct	es (B13) Odor (C1) eres along ced Iron (C tion in Tille (C7) emarks)	Living Roo 4) ad Soils (C6 Wetlan ections), if a	the hydrophy Se ots (C3) ots (C3) otherwise and Hydrolog vailable:	condary Indicators Water Marks (B1) (Sediment Deposits Drift Deposits (B3) Drainage Patterns Dry-Season Water Thin Muck Surface Crayfish Burrows (Saturation Visible of Shallow Aquitard (I FAC-Neutral Test (ard to be considered (2 or more require (Riverine) (8 (B2) (Riverine) (B10) (C7) (C7) (C8) (C7) (C8) (D3) (D5)

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	0	Sampling Date: 3/17/2	021
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: VPHC	P1754
Investigator(s): Beth Procsal, Gerry Scheid		Section,	Township, R	ange: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave	Slope (%):	0-2
Subregion (LRR): C - Mediterranean California	Lat: 3		•	· -		
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30 p					n: Freshwater Emergen	
Are climatic / hydrologic conditions on the site typical for						
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstance		No
Are Vegetation X, Soil, or Hydrology				(If needed, explain any ans		
SUMMARY OF FINDINGS – Attach site map sh	owing sai	mpling poir	nt locations	s, transects, important	t features, etc.	
Hydrophytic Vegetation Present? Yes X	No					
Hydric Soil Present? Yes X	No		ne Sampled	YAS	< No	
Wetland Hydrology Present? Yes X	 No	— with	nin a Wetlan	d?		
Remarks: The majority of the vegetation on the site ha	-	urbad dua ta i	naat land usa	no. This facture was comple	ad during the growing on	acon and
meets the wetland criteria.	is been dist	arbea due to p	pasi iand use	s. This leature was sample	ed during the growing se	ason and
VEGETATION - Use scientific names of plants	i.					
	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:) 1. Tamarix ramosissima	% Cover 5	Species? Yes	Status	Number of Dominant Sp		
			FAC	That Are OBL, FACW, o		(A)
3.				Total Number of Domina Species Across All Strat	· .	(D)
				Percent of Dominant Sp	4	(B)
4		- Total Cause		That Are OBL, FACW, o		(A/B)
Sapling/Shrub Stratum (Plot size:)	5	= Total Cove	er			
1. none				Prevalence Index work	rehoot:	
				Total % Cover of:	Multiply by:	
				OBL species	x 1 =	_
				FACW species		
				FAC species	•	
0		= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:			•	UPL species	x 5 =	_
1. Malvella leprosa	5	No	FACU	Column Totals:	(A)	 (B)
2. Bromus madritensis	5	No	UPL	Down law as hade		_
3. Rumex crispus	20	Yes	FAC	Prevalence inde	x = B/A =	_
4. Eleocharis macrostachya	20	Yes	FACW	Hydrophytic Vegetatio	n Indicators:	
5. Bromus diandrus	10	No	UPL	X Dominance Test i	s >50%	
6. Xanthium strumarium	5	No	FAC	Prevalence Index	is ≤3.0¹	
7. Festuca perennis	30	Yes	FAC	Morphological Ad	aptations¹ (Provide supp	orting
8. Brassica nigra	5	No	UPL	data in Remar	ks or on a separate shee	et)
	100	= Total Cov	/er	Problematic Hydro	ophytic Vegetation¹ (Exp	lain)
Woody Vine Stratum (Plot size:)						
1. none					il and wetland hydrology	must
2.				be present, unless dist	urbed or problematic.	
		= Total Cove	er	Hydrophytic		
		0 1		Vegetation	V N	
	ver of Biotic			Present? Ye		_
Remarks: Sample area is a vernal pool that receives ru						
predominately of hydrophytic vegetation, it also supports	s one venia	i pooi pianii ini	uicatoi specii	es (iviaivella leprosa). Lear	ilici is present in basin.	

SOIL Sampling Point: VPHCP1754

Profile Desc	ription: (Describe to	the depth	needed to docum	ent the in	dicator or o	confirm	the absenc	e of indicator	s.)	
Depth	Matrix			edox Featu		. 2			5 .	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	_ Textu		Remark	(S
0-4	10YR3/2		5YR4/6	20	. <u>RM</u> -	M	clay loar	<u>n</u>		
4-8	10YR3/1	80	5YR4/6	20	RM	M	<u>clay</u>			
								" '		_
	ncentration, D=Depletion					s. ·			C=Root Channel, I	
1 -	Indicators: (Applica	able to all L	•		•				ematic Hydric S	Soils³:
Histosol	` '			Redox (S5)	•			cm Muck (A9) (
	oipedon (A2)			d Matrix (S	,			cm Muck (A10)		
	istic (A3) en Sulfide (A4)			Mucky Min Gleyed Ma	, ,			educed Vertic (ed Parent Mate	,	
	d Layers (A5) (LRR C	:)		ed Matrix (F			_	her (Explain in		
	uck (A9) (LRR D)	•)	X Redox	`	,			(=,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Deplete	d Below Dark Surface	e (A11)	Deplete	ed Dark Su	rface (F7)					
	ark Surface (A12)			Depressior	ns (F8)				nytic vegetation	
	/lucky Mineral (S1)		Vernal	Pools (F9)					must be prese	nt,
— Sandy C	Gleyed Matrix (S4)						unle	ess disturbed o	or problematic.	
	Layer (if present):									
Type: sho	ovel refusal									
Depth (inc	hes): <u>8 in</u>						Hydric So	il Present?	YesX	No
Remarks: R	edox dark surface ob	served.								
HYDROLOG	Υ									
Wetland Hy	drology Indicators:							Secondary Ir	idicators (2 or	more required)
Primary Indi	cators (minimum of o	ne required	l; check all that app	ly)				Water Ma	rks (B1) (Riveri	ne)
Surface	Water (A1)		Salt Cru	st (B11)				Sediment	Deposits (B2) (Riverine)
High Wa	ater Table (A2)		Biotic Cr	ust (B12)				Drift Depo	sits (B3) (River	ine)
Saturati	on (A3)		Aquatic	Invertebrat	es (B13)			Drainage	Patterns (B10)	
Water N	Marks (B1) (Nonriver i	ine)	Hydroge	n Sulfide C	Odor (C1)			Dry-Sease	on Water Table	(C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	l Rhizosph	eres along l	Living Ro	oots (C3)	Thin Mucl	k Surface (C7)	
Drift De	posits (B3) (Nonrive	rine)	Presenc	e of Reduc	ed Iron (C4	.)		Crayfish E	Burrows (C8)	
X Surface	Soil Cracks (B6)		Recent I	ron Reduct	tion in Tilled	d Soils (C	6)	Saturation	ı Visible on Aeri	al Imagery (C9)
	ion Visible on Aerial I	magery (B7	· —	ck Surface					quitard (D3)	
Water-S	Stained Leaves (B9)		Other (E	xplain in R	emarks)			FAC-Neur	tral Test (D5)	
Field Obser	vations:									
Surface Wat			No X Depth (inc			_				
Water Table			No X Depth (inc			_				
Saturation P		es	No X Depth (inc	ches):		_ Wetl	and Hydro	logy Present?	Yes X	_No
(includes cap	onded Data (stream g	iauge moni	toring well serial n	hotoe prev	ious inspec	etione) if	available: ı	n/a		
Describe Nec	orded Data (Stream g	auge, mom	toring well, aerial p	notos, prev	nous mspec	, iions), ii	avaliable.	ıı/a		
	hough no surface wa									
nydrology. Wa	ater table level and sa	aturation are	e not known as a so	oll pit was r	ot dug and	the pres	ence of Sar	n Diego fairy sł	ırımp was assur	med.

State CA Sampling Point VPHCP1765
Local relief (concave, convex, none): Concave Slope (%): 0-2
Late Summark Late Late Summark Late La
Late Summark Late Late Summark Late La
Note
re climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.) re Vegetation X, Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No (If needed, explain any answers in Remarks.) RUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes X No (Hydrology Present? Yes X No (Wetland Hydrology Present? Yes X No (Wetl
re Vegetation X, Soil, or Hydrology
Absolute Wegtation Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Present Factor Present Factor Present Factor Present Factor Present Factor Present Factor Present Factor Present Factor
Hydrophytic Vegetation Present? Yes X No Hydrophytic Vegetation Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Wetland? Yes X No We
Hydrophytic Vegetation Present? Yes X No Hydro Soil Present? Yes X No Wetland Hydrology Present? Yes X No Within a Wetland? Yes X No Within a Wetland? Yes X No Within a Wetland? Yes X No Wetland Hydrology Present? Yes X No Within a Wetland? Yes X No Wetland Hydrology Present? Yes X No Wetland Hydrology Present? Yes X No Within a Wetland? Yes X No Wetland? Yes X No Within a Wetland? Yes X No Wetland? Yes X No Wetland? Yes X No Within a Wetland? Yes X No Within a Wetland? Yes X No Within a Wetland? Yes X No Wetland? Yes X No Within a Wetland? Yes X No Withi
Hydric Soil Present? Yes X No within a Wetland? Yes X No Wetland Hydrology Present? Yes X No within a Wetland? Yes X No Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and meets the wetland criteria. ### Cover Species? Status Pominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A) A
Hydric Soil Present? Yes X No within a Wetland? Yes X No Wetland Hydrology Present? Yes X No within a Wetland? Yes X No Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and meets the wetland criteria. ### Cover Species? Status Pominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A) A
Remarks: The majority of the vegetation on the site has been disturbed due to past land uses. This feature was sampled during the growing season and meets the wetland criteria. Absolute Dominant Indicator Species Status
Absolute Absolute Species? Status Species Status Status Species Status Species Status Status Species Status
Absolute Absolute Species? Status Species Status Status Species Status Status Species Status Status Species Status
Absolute Namber of Dominant Species Status Number of Dominant Species Status Number of Dominant Species Status Number of Dominant Species Status Status Species Status Status Species Status Status Status Species Status Sta
Absolute Namber of Dominant Species Status Number of Dominant Species Status Number of Dominant Species Status Number of Dominant Species Status Status Species Status Status Species Status Status Status Species Status Sta
Absolute Namber of Dominant Species Status Number of Dominant Species Status Number of Dominant Species Status Number of Dominant Species Status Status Species Status Status Species Status Status Status Species Status Sta
Number of Dominant Species
1. none
Total Number of Dominant Species Across All Strata: 1 (B)
Species Across All Strata: 1 (B) Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size:)
1.
Total % Cover of: Multiply by:
OBL species x 1 =
4. FACW species x 2 = 5. FAC species x 3 = Herb Stratum (Plot size:) Total Cover 1. Eleocharis macrostachya 70 Yes FACW 2. Frankenia salina 5 No FACW 3. Persicaria lapathifolia 5 No FACW 4. Deschampsia danthoniodes 1 No FACW Hydrophytic Vegetation Indicators:
FAC species x 3 =
Total Cover
Herb Stratum (Plot size:)
1. Eleocharis macrostachya 70 Yes FACW 2. Frankenia salina 5 No FACW 3. Persicaria lapathifolia 5 No FACW 4. Deschampsia danthoniodes 1 No FACW Column Totals: (A) (B) Prevalence Index = B/A =
2. Frankenia salina 5 No FACW 3. Persicaria lapathifolia 5 No FACW 4. Deschampsia danthoniodes 1 No FACW Hydrophytic Vegetation Indicators:
3. Persicaria lapathifolia 5 No FACW 4. Deschampsia danthoniodes 1 No FACW Hydrophytic Vegetation Indicators:
4. Deschampsia danthoniodes 1 No FACW Hydrophytic Vegetation Indicators:
5. Rumex crispus 2 No FAC X Dominance Test is >50%
6. Erodium cicutarium 5 No UPL Prevalence Index is ≤3.0¹ 7. Phalaris minor 2 No UPL Morphological Adaptations¹ (Provide supporting
7. Phalaris minor 2 No UPL Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
Woody Vine Stratum (Plot size: 96 = Total Cover Problematic Hydrophytic Vegetation¹ (Explain)
vivody vine dratain (i lot size.
1 none
1. none 1 Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
be present, unless disturbed or problematic.
be present, unless disturbed or problematic. 96 = Total Cover Hydrophytic
be present, unless disturbed or problematic.
2
be present, unless disturbed or problematic. 96
be present, unless disturbed or problematic. 96

SOIL Sampling Point: <u>VPHCP1755</u>

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth			Re	edox Featu	res		_				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks			
0-4	10YR 3/2	85	5YR 4/6	15	С	RC/M	loam				
4-18	10YR 3/1	97	5YR 3/2	3	С	М	loam				
	-										
	-										
	-						-				
-							-				
1 0 0											
						is. f		Pore Lining, RC=Root Channel, M=Matrix.			
-	,	Cable to all			•			rs for Problematic Hydric Soils ³ : Muck (A9) (LRR C)			
	` '			` ,				Muck (A10) (LRR B)			
	,			•	,			uced Vertic (F18)			
Hydrog	Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR C) Depleted Matrix (F2) Depleted Matrix (F3) 1 cm Muck (A9) (LRR D) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) strictive Layer (if present): Type: Depth (inches): marks: Redox dark surface observed. DROLOGY etland Hydrology Indicators: imary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Surface Walizer (B12) Sediment Deposits (B2) (Nonriverine) Opeleted Matrix (F2) Depleted Matrix (F3) x Redox Dark Surface (F6) Depleted Dark Surface (F6) Depleted Matrix (F2) Depleted Matrix (F2) Depleted Matrix (F2) Depleted Matrix (F2) Depleted Matrix (F3) x Redox Dark Surface (F6) Depleted Matrix (F3) x Redox Dark Surface (F6) Depleted Matrix (F3) x Redox Dark Surface (F6) Depleted Matrix (F3) x Redox Dark Surface (F6) Depleted Matrix (F3) x Redox Dark Surface (F6) Depleted Matrix (F3) x Redox Dark Surface (F6) Depleted Matrix (F3) x Redox Dark Surface (F6) Depleted Matrix (F3) x Redox Dark Surface (F6) Depleted Matrix (F3) x Redox Dark Surface (F6) Depleted Matrix (F3) x Redox Dark Surface (F6) Depleted Matrix (F3) x Redox Dark Surface (F6) Depleted Matrix (F3) x Redox Dark Surface (F6) Depleted Matrix (F3) x Redox Dark Surface (F6) Depleted Matrix (F3) x Redox Dark Surface (F6) Depleted Dark Surface (F6) Depleted Dark Surface (F6) Depleted Dark Surface (F6) Depleted Dark Surface (F6) Depleted Dark Surface (F6) Depleted Dark Surface (F6) Depleted Dark Surface (F6) Depleted Dark Surface (F6) Depleted Dark Surface (F6) Depleted Dark Surface (F6) Depleted Dark Surface (F6) Depleted Dark Surface (F6) Depleted Dark Surface (F6) Depleted Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (F7) Redox Dark Surface (Parent Material (TF2)			
	Histosol (A1) Histosol (A2) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (F1) Depleted Dark Surface (F6) Depleted Dark Surface (F7) Redox Depressions (F8) Vernal Pools (F9) Arrictive Layer (if present): Arrictive Layer (if present): Arricts: Redox dark surface observed. ROLOGY Itland Hydrology Indicators: Mary Indicators (minimum of one required; check all that apply) Surface Water (A1) Saturface (A3) Water Marks (B1) (Nonriverine) Drift Deposits (B3) (Nonriverine) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water Stained Leaves (B9) Saturace Mark (S5) Stripped Matrix (S6) Loamy Medox (S5) Stripped Matrix (S6) Loamy Mucky Mineral (F1) Loamy Muck Pire Medox Deposions (F8) Sediment Jepach Matrix (F2) Salt Crust (B1) Biotic Crust (B1) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxi						Othe	r (Explain in Remarks)			
					. ,						
		ice (A11)					31				
	, ,			•	s (F8)			rs of hydrophytic vegetation and nd hydrology must be present,			
	Color (moist) % Color (moist) % 10YR 3/2 85 5YR 4/6 15 15 10YR 3/1 97 5YR 3/2 3 10YR 3/1 97 5YR 3/2 3 3 10YR 3/1 97 5YR 3/2 3 3 10YR 3/1 97 5YR 3/2 3 3 10YR 3/1 97 5YR 3/2 3 3 10YR 3/1 97 5YR 3/2 3 10YR 3/1 97 5YR 3/2 3 10YR 3/1 97 5YR 3/2 3 10YR 3/1 97 5YR 3/2 3 10YR 3/1 97 5YR 3/2 3 10YR 3/1 97 5YR 3/2 3 10YR 3/1 97 5YR 3/2 3 10YR 3/1 97 5YR 3/2 3 10YR 3/1 97 5YR 3/2 3 10YR 3/1 97 5YR 3/2 3 10YR 3/1 97 5YR 3/2 3 10YR 3/2 3 10YR 3/1 97 5YR 3/1 97							s disturbed or problematic.			
	C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated St. C soil Indicators: (Applicable to all LRRs, unless otherwise noted. Stosol (A1) Stripped Matrix (S6) Stripped Matrix (S6) Loamy Mucky Miner Latified Layers (A5) (LRR C) Depleted Matrix (F3) X Redox Depressions andy Mucky Mineral (S1) Andy Gleyed Matrix (F3) X Redox Depressions andy Mucky Mineral (S1) Andy Gleyed Matrix (F3) X Redox Depressions andy Mucky Mineral (S1) Andy Gleyed Matrix (F3) X Redox Depressions andy Mucky Mineral (S1) Andy Gleyed Matrix (F3) X Redox Depressions andy Mucky Mineral (S1) Andy Gleyed Matrix (S4) Ctive Layer (if present): Stripped Matrix (S4) Stripped Matrix (F3) X Redox Depressions andy Mucky Mineral (S1) Andy Gleyed Matrix (S4) Ctive Layer (if present): Stripped Matrix (S4) Salt Crust (B11) Andy Gleyed Matrix (S6) Salt Crust (B12) Andy Gleyed Matrix (S6) Salt Crust (B12) Andy Gleyed Matrix (S6) Salt Crust (B12) Andy Gleyed Matrix (S6) Salt Crust (B12) Andy Gleyed Matrix (S6) Salt Crust (S							<u>'</u>			
	Layer (ii present).										
	ches):						Hydric Soil F	Present? Yes X No			
							,				
HYDROLO											
							<u>S</u>	econdary Indicators (2 or more required)			
	•	one require						Water Marks (B1) (Riverine)			
	` '			. ,				Sediment Deposits (B2) (Riverine)			
<u> </u>	` ,			` ,	oc (B13)			Drift Deposits (B3) (Riverine) Drainage Patterns (B10)			
	` '	arino\			, ,			Drainage Fatterns (B10) Dry-Season Water Table (C2)			
			· ·		, ,	Living Ro	ots (C3)	Thin Muck Surface (C7)			
		-		•	•	•		Crayfish Burrows (C8)			
		,			,	,	6)	Saturation Visible on Aerial Imagery (C9)			
Inunda	ition Visible on Aeria	I Imagery (B	7) Thin Mud	k Surface ((C7)	•	_	Shallow Aquitard (D3)			
Water-	Stained Leaves (B9)	Other (E	xplain in Re	emarks)			FAC-Neutral Test (D5)			
Field Obse	rvations:										
		Yes	No X Depth (inc	hes):							
Water Table	e Present?	Yes	No X Depth (inc	hes):							
		Yes	No X Depth (inc	hes):		Wetla	and Hydrolog	gy Present? Yes X No			
,	· · · · · ·	ndalide mor	nitoring well serial of	notos previ	nus inend	ctions) if	available: n/a	1			
Peseling I/G	coraca Data (Stredit	i gauge, mol	morning well, aerial pi	iolos, pievi	ous mapt	, ouo 113 j, 11 č	avanabic. 11/8				
	lthough no surface v	vater was pre	esent at the time of the	ne delineati	on, evide	nce of surf	ace soil crack	ks indicate that the area supports wetland			
hydrology.											

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	jo	Sampling Date:	5/11/2022
Applicant/Owner: Tri Point Homes				State: CA	— Sampling Point:	VPHCP1756
Investigator(s): J.R. Sundberg		Section	, Township, F	Range: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	elief (concave	, convex, none): concave	Slop	oe (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat:	 32.547932		Long: -117.018973	 Datur	m: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 3					on: Freshwater E	mergent Wetland
Are climatic / hydrologic conditions on the site typical						
Are Vegetation X, Soil , or Hydrology						X No
Are Vegetation , Soil , or Hydrology				(If needed, explain any an		
SUMMARY OF FINDINGS – Attach site map				s, transects, importan	ıt features, etc.	
	No	lo t	he Sampled	Aroo		
Hydric Soil Present? Yes X	No	.0.	hin a Wetlan	VΔC	X No	
Wetland Hydrology Present? Yes X	No	_		-		
Remarks: The majority of the vegetation on the site meets the wetland criteria. VEGETATION – Use scientific names of plan						
Tree Stratum (Diet eizer	Absolute	Dominant	Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant S		1 (A)
2.				Total Number of Domin	nant	(A)
3.				Species Across All Stra		1(B)
4				Percent of Dominant Sp That Are OBL, FACW,		100 (A/B)
Sapling/Shrub Stratum (Plot size:	, ———	= Total Cov	er			
1. none	,			Prevalence Index wor	kshoot:	
2				Total % Cover of:		oly by:
3.				OBL species	x 1 =	
4.				FACW species		
5.				FAC species	x 3 =	
		= Total Cov	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Festuca perennis	75	Y	FAC	Column Totals:	(A)	(B)
2. Phalaris lemmonii	5	N	FACW	Prevalence Inde	ex = B/A =	
3. Muhlenbergia rigens	5	N	FAC			
4. Bromus diandrus	4	N	UPL	Hydrophytic Vegetation		
5. Hordeum intercedens	1	N	FAC	X Dominance Test		
6.				Prevalence Index		
7. 8.			-		daptations¹ (Provid rks or on a separa	
o	90	= Total Co	vor	-	•	,
Woody Vine Stratum (Plot size:)	- 10tai 00	VCI	Problematic Hydr	rophytic Vegetatio	ın (⊏xpiain)
1. none	,			¹ Indicators of hydric so	oil and wetland hy	drology must
2.				be present, unless dis		
	90	= Total Cov	er	Hydrophytic		
% Bare Ground in Herb Stratum 10 %	Cover of Biotic		0	Vegetation	es X No)
Remarks: Sample area is a vernal pool that receives	runoff from a	relatively sma	all local micro	 b-watershed. In addition to	the vernal pool c	onsisting
predominately of hydrophytic vegetation, it also supp						

SOIL Sampling Point: VPHCP1756

Profile Des	cription: (Describe to Matrix	o the dept		ent the in edox Featu		confirm t	he absend	e of indicate	ors.)	
(inches)	Color (moist)	%	Color (moist)	<u>%</u>	Type ¹	Loc ²	Textu	ıre	Remar	ks
0-5	10YR 3/2	85	7.5YR 4/4	15	С	RC/M	loamy			
5-14	10YR 4/2	95	7.5YR 4/6	5		М	loamy			
14-18	10YR 3/2	100					loamy			
11.10	101110/2			-			loamy			
							-			
					 ·		-			
	oncentration, D=Depletion	-	•			s. ²			RC=Root Channel,	
-	il Indicators: (Application)	able to all			-				lematic Hydric	Solis":
— Histoso	Epipedon (A2)			Redox (S5 d Matrix (S				m Muck (A9) m Muck (A10		
	Histic (A3)			Mucky Mir				duced Vertic		
	gen Sulfide (A4)			Gleyed Ma				d Parent Ma	` '	
	ed Layers (A5) (LRR (C)	x Deplete				Oti	ner (Explain i	n Remarks)	
	fuck (A9) (LRR D)		_x_Redox [
	ed Below Dark Surfac	e (A11)			rface (F7)		31 11			
	Dark Surface (A12) Mucky Mineral (S1)			Depressio Pools (F9)	. ,				ohytic vegetation gy must be prese	
	Gleyed Matrix (S4)		veillai F	-00is (i ə)					or problematic.	5111,
	Layer (if present):									
Type:	Layer (ii present).									
Depth (inc							Hydric So	il Present?	Yes X	No
	<u> </u>						,			
Remarks. L	Depleted matrix and re	BUOX UAIK S	surface observed.							
HYDROLO	GY									
	lydrology Indicators:							Secondary	Indicators (2 or	more required
	dicators (minimum of d		ed: check all that appl	v)					arks (B1) (River	
	e Water (A1)		Salt Crus	•					nt Deposits (B2)	*
	Vater Table (A2)		Biotic Cru	` ,					oosits (B3) (Rive	
•	tion (A3)		X Aquatic II	` '	es (B13)				e Patterns (B10)	-,
	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide C	Odor (C1)			Dry-Sea	son Water Table	e (C2)
Sedim	ent Deposits (B2) (No	nriverine)	Oxidized	Rhizosph	eres along	Living Ro	ots (C3)	Thin Mu	ck Surface (C7)	
Drift De	eposits (B3) (Nonrive	rine)	Presence	of Reduc	ced Iron (C4	1)		Crayfish	Burrows (C8)	
	e Soil Cracks (B6)			on Reduc	tion in Tille	d Soils (C	3)	Saturatio	on Visible on Aer	ial Imagery (C9)
	ition Visible on Aerial I	lmagery (B	· —	k Surface	` '				Aquitard (D3)	
Water-	Stained Leaves (B9)		Other (Ex	kplain in R	emarks)			FAC-Ne	utral Test (D5)	
Field Obse	rvations:									
Surface Wa			No X Depth (inc			_				
Water Table			No X Depth (inc			_				
Saturation F		'es	No X Depth (inc	hes):		Wetla	ınd Hydrol	ogy Present	:? Yes X	No
-	apillary fringe) corded Data (stream o	nauge moi	nitoring well_aerial.ph	notos prev	/ious inspe	ctions) if a	available: ı	n/a		
	23. 304 Data (ottodili (J. 490, 11101		.5.00, p.0		,, ii e				
	Ithough no surface wa	iter was pr	esent at the time of th	ne delinea	tion, the pre	esence of	San Diego	fairy shrimp	indicates that the	e area supports
wetland hydr	ology.									

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	o Sampling Date: 3/17/2021
Applicant/Owner: Tri Point Homes				State: CA Sampling Point: VPHCP1757
Investigator(s): Beth Procsal, Gerry Scheid		Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat:	 32.545298530	08	Long: -117.022826256 Datum: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30 p	ercent slop	es		NWI classification: Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o (If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology	signif	icantly disturb	ed?	Are "Normal Circumstances" present? Yes X No
Are Vegetation Soil or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				s transects important features etc
			nt 100ution	s, transcoto, important routeros, etc.
Hydrophytic Vegetation Present? Yes X	_No	─ Is th	ne Sampled	Area
Hydric Soil Present? Yes X	_	— with	nin a Wetlan	d? Yes X No
Wetland Hydrology Present? Yes X	_No	_		
meets the wetland criteria.		urbed due to	oast land use	es. This feature was sampled during the growing season and
VEGETATION – Use scientific names of plants		Damainant	lu dia atau	Dominance Test weeksheets
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none				Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
2.				Total Number of Dominant
3				Species Across All Strata: 2 (B)
4				Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cove	er	
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3.				OBL species x 1 =
4.				FACW species x 2 =
5.				FAC species x 3 =
		= Total Cove	er	FACU species x 4 =
Herb Stratum (Plot size:)				UPL species x 5 =
1. Rumex crispus	65	Yes	FAC	Column Totals: (A)(B)
2. Eleocharis macrostachya	5	No	FACW	Prevalence Index = B/A =
3. Festuca perennis	25	Yes	FAC	
4. Glebionis coronaria	4	No	UPL	Hydrophytic Vegetation Indicators:
5. Malvella leprosa	1	No	FACU	X Dominance Test is >50%
6				Prevalence Index is ≤3.0¹
7				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
8	100	= Total Cov		
Woody Vine Stratum (Plot size:		- Total Cov	rei	Problematic Hydrophytic Vegetation ¹ (Explain)
1 none				¹ Indicators of hydric soil and wetland hydrology must
2. <i>Hone</i>				be present, unless disturbed or problematic.
	100	= Total Cove	er	Hydrophytic
% Bare Ground in Herb Stratum 0 % Co	ver of Biotic			Vegetation Present? Yes X No
			II loool mia	
Remarks: Sample area is a vernal pool that receives rupredominately of hydrophytic vegetation, it also support				

Loc²

Texture

Remarks

Redox Features

% Type¹

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Color (moist)

Depth

(inches)

Matrix

Color (moist)

¹ Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ² Location					
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)					
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)					
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)					
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)					
	on: PL=Pore Lining, RC=Root Channel, M=Matrix.				
HIGIOGOLIA HA GARI	ndicators for Problematic Hydric Soils ³ : 1 cm Muck (A9) (LRR C)				
Histic Epipedon (A2) Stripped Matrix (S6)	2 cm Muck (A10) (LRR B)				
Black Histic (A3) Loamy Mucky Mineral (F1)	Reduced Vertic (F18)				
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2)	Red Parent Material (TF2)				
<u> </u>	C Other (Explain in Remarks)				
1 cm Muck (A9) (LRR D) Redox Dark Surface (F6)					
Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Depleted Dark Surface (F7) Redox Depressions (F8)	ndicators of hydrophytic vegetation and				
Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Vernal Pools (F9)	wetland hydrology must be present,				
Sandy Gleyed Matrix (S4)	unless disturbed or problematic.				
Restrictive Layer (if present):					
Type:					
Depth (inches):	ric Soil Present? Yes X No				
IYDROLOGY					
Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)	Secondary Indicators (2 or more required Water Marks (B1) (Riverine)				
Surface Water (A1) Salt Crust (B11)	Sediment Deposits (B2) (Riverine)				
High Water Table (A2) Biotic Crust (B12)					
X Saturation (A3) Aquatic Invertebrates (B13)	Drift Deposits (B3) (Riverine) Drainage Patterns (B10)				
Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1)	Dry-Season Water Table (C2)				
Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C	C3) Thin Muck Surface (C7)				
Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4)	Crayfish Burrows (C8)				
Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6)	Saturation Visible on Aerial Imagery (C9)				
Inundation Visible on Aerial Imagery (B7)Thin Muck Surface (C7)	Shallow Aquitard (D3)				
Water-Stained Leaves (B9)Other (Explain in Remarks)	FAC-Neutral Test (D5)				
Field Observations:					
Surface Water Present? Yes No X Depth (inches):					
Water Table Present? Yes No _X Depth (inches): Saturation Present? Yes X No Depth (inches): 0 Wetland H	ydrology Present? Yes X No				
(includes capillary fringe)	ydrology i resent: 163_X_No				
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if availa	ble: n/a				
Remarks: Although no surface water was present at the time of the delineation, evidence of surface s	oil cracks indicate that the area supports wetland				
ydrology.					
IS Army Corps of Engineers					

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	0	Sampling Date: 3/17/	/2021
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: VPH	CP1758
Investigator(s): Beth Procsal, Gerry Scheid		Section,	Township, R	ange: Section 31, T18S R	101W	
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave	Slope (%)	: 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.54584147	85	Long: -117.024395009	Datum: NAI	D83
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30 p	ercent slope	es		NWI classification	n: Freshwater Emerge	ent Wetland
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in F	Remarks.)	
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ed?	Are "Normal Circumstances	s" present? Yes X	No
Are Vegetation Soil or Hydrology	 natura	ally problema	tic?	(If needed, explain any ans	wers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh				e transacte important	foatures etc	
			in location.	s, transects, important	reatures, etc.	
Hydrophytic Vegetation Present? Yes X	_No	_ Is th	ne Sampled	Area		
Hydric Soil Present? Yes X	_No		nin a Wetlan	Y 2Q X	No	
Wetland Hydrology Present? Yes X	_No	_				
Remarks: The majority of the vegetation on the site hameets the wetland criteria.	s been distu	urbed due to	past land use	s. This feature was sample	d during the growing s	season and
VEGETATION – Use scientific names of plants	;.					
T 01 1 (D) 1	Absolute	Dominant	Indicator	Dominance Test works	heet:	
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Spe		(4)
				That Are OBL, FACW, or		(A)
3				Total Number of Dominal Species Across All Strata	a· .	(D)
				Percent of Dominant Spe	l I	(B)
4		= Total Cove	er	That Are OBL, FACW, or		(A/B)
Sapling/Shrub Stratum (Plot size:)		. 510 5511				
1. none				Prevalence Index works	sheet:	
2.				Total % Cover of:	Multiply by:	[
3.				OBL species	x 1 =	
4.				FACW species	x 2 =	
5				FAC species		
		= Total Cove	er	FACU species	<u> </u>	
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Festuca perennis	93	Yes	FAC	Column Totals:	(A)	(B)
2. Rumex crispus	5	No No	FAC	Prevalence Index	κ = B/A =	
3. Eleocharis macrostachya		No	FACW			
4. Bromus diandrus	1	No	UPL	Hydrophytic Vegetation		
5				X Dominance Test is		
6. 7.				Prevalence Index i		
8.					aptations¹ (Provide sup ks or on a separate she	
0	100	= Total Cov	/or		ophytic Vegetation ¹ (Ex	<i>'</i>
Woody Vine Stratum (Plot size:)		- Total Cov	701	Problematic Hydro	phylic vegetation (Ex	(piairi)
1 none				¹ Indicators of hydric soil	I and wetland hydroloc	ıv must
2				be present, unless distu		,,
		= Total Cove		Hydrophytic	-	
% Bare Ground in Herb Stratum 0 % Co	ver of Biotic		-	Vegetation Present? Yes	es X No	
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro		ol consists predominar	ntly of
hydrophytic vegetation, but no ACOE vernal pool plant i						

SOIL Sampling Point: VPHCP1758

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Feat	ures		_				
(inches)	Color (moist)	%	Color (moist)	%	_Type ¹	Loc ²	Textur	re	Remai	ks	
-18	10YR 3/1	98	7.5YR 3/4	2	С	M/RC	clay				
,			-								
		_					_				
	_			·							
		_	<u>-</u> , -				_				
		_									
		_					_				
			-				_				
											
,,			uced Matrix, CS=Covere			ıs. '			RC=Root Channel		
	`	cable to al	I LRRs, unless other		•				blematic Hydric	Soils":	
_Histos				Redox (S5				n Muck (A9			
_	Epipedon (A2)			d Matrix (S	,			ก เงเนะห์ (Aา luced Vertio	0) (LRR B)		
_				-					terial (TF2)		
_ '	Black Histic (A3) Loamy Mucky Mineral (F1 Loamy Gleyed Matrix (F2) Depleted Matrix (F3) T cm Muck (A9) (LRR D) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Extrictive Layer (if present): weepth (inches): marks: Redox dark surface observed.								in Remarks)		
_	. , ,	. •)			,			ci (Explaiii	iii (Cinano)		
	, , , , ,	ice (A11)			` '						
_		···/			` ,		3Indicato	ors of hydro	phytic vegetation	n and	
_								-	gy must be pres		
Sandy	Gleyed Matrix (S4)						unle	ss disturbe	d or problematic.		
estrictive	Laver (if present):										
	Layer (ii present).										
_	choc):						Hydric Soil	Drocont?	Yes X	No	
DROLO	GY										
etland F	lydrology Indicator	s:					Š	Secondary	Indicators (2 or	more require	
rimary Ind	dicators (minimum o	f one requir	ed; check all that app	ly)				Water N	/larks (B1) (Rive i	rine)	
Surfac	e Water (A1)		Salt Crus	st (B11)				Sedime	nt Deposits (B2)	(Riverine)	
High V	Vater Table (A2)		Biotic Cr	ust (B12)				Drift De	posits (B3) (Rive	rine)	
Satura	ition (A3)		Aquatic I	nvertebra	tes (B13)			Drainag	e Patterns (B10)		
 Water	Marks (B1) (Nonrive	erine)	Hydroge	n Sulfide (Odor (C1)			Dry-Sea	ason Water Table	e (C2)	
Sedim	ent Deposits (B2) (N	onriverine) Oxidized	Rhizosph	eres along	Living Ro	ots (C3)	Thin Mu	ick Surface (C7)		
Drift D	eposits (B3) (Nonriv	erine)	Presence	e of Redu	ced Iron (C	4)	_	Crayfish	Burrows (C8)		
 K_Surfac	e Soil Cracks (B6)		Recent I	ron Reduc	tion in Tille	ed Soils (C	6)	Saturation Visible on Aerial Imagery (C			
 Inunda	ation Visible on Aeria	l Imagery (l	37) Thin Mud	ck Surface	e (C7)		_	Shallow	Aquitard (D3)		
Water-	Stained Leaves (B9)	Other (E	xplain in F	Remarks)		_	FAC-Ne	eutral Test (D5)		
ald Ohse	rvations:										
	ater Present?	Yes	No X Depth (inc	:hes):							
	e Present?		No X Depth (inc			_					
ituration I	Present?		No X Depth (inc			— Wetla	and Hydrolo	av Presen	t? Yes X	No	
	apillary fringe)					_	,	3,			
scribe Re	corded Data (stream	n gauge, mo	onitoring well, aerial pl	hotos, pre	vious inspe	ections), if	available: n/	/a			
A	141	4			Ain na saidh	.			414-41		
narks: A rology.	itnougn no surrace v	vater was p	resent at the time of t	ne delinea	ition, evide	nce of sun	race soil crad	cks indicate	tnat the area su	pports wetland	
Λ	rns of Engineers								A -: -! \ \ \ / +	_ Version 2.0	

US Army Corps of Engineers

Project/Site: Southwest Village Specific	o i idii i ioject		,	ounty: <u>San</u>	Diego	,		npling Date:	2/2//202	.0
Applicant/Owner: Pardee Homes						State:CA	Sar	npling Point	SD1778	
Investigator(s): Beth Procsal and Raquel	Atik		Section	n, Townsh	ip, Rar	nge:Section 31, T	—— 18S R01	W		
Landform (hillslope, terrace, etc.): mesa to						convex, none):conc			ope (%):0.	
Subregion (LRR):C - Mediterranean Cal	<u> </u>	Lat:32.5	-			Long:-117.01838			:um:	
Soil Map Unit Name: Huerhuero loam, 2								::Freshwat	er Emerge	ent W
Are climatic / hydrologic conditions on the s			ear? Y	es 🕟	No (
Are Vegetation ⊠ Soil or Hydr	·	ignificantly		_	_	Normal Circumstan			No.	\circ
	э, Ш	aturally pr				eded, explain any a	-	***	, ,,,	
SUMMARY OF FINDINGS - Atta					•	•		·	eatures.	etc.
Hydrophytic Vegetation Present?		• •				•		•		
Hydric Soil Present?	~	0		Is the Sa	noled	Area				
	~	0		within a \	-		•	No O		
Remarks: The majority of the vegetati										
general, has been altered du		•	_		•	•				
problematic due to the seaso		presence	with h	ıydrology	restri	cted to the winter	and veg	etation to t	he late w	_
and early spring months eac VEGETATION	n year.									<u> </u>
VEGETATION		A la a a lorda	Dami	nant India		D		.4.		
Tree Stratum (Use scientific names.)		Absolute % Cover		nant Indica ies? Stat		Dominance Test Number of Domina				
1. <i>None</i>				T	V	That Are OBL, FA			1	(A)
2.		-			T	Total Number of D	ominant			
3.			-			Species Across Al			1	(B)
4.				lacksquare	▼	Percent of Domina	ant Specie	ne .		
Carolina /Charob Charbona	Total Cove	r: %				That Are OBL, FA			00.0%	(A/B)
Sapling/Shrub Stratum						Prevalence Index	workshe	ot.		
1. <i>None</i> 2.					▼	Total % Cove			oly by:	
3.		-11				OBL species	5	x 1 =	5	
4.			-			FACW species	42	x 2 =	84	
5.						FAC species	11	x 3 =	33	
	Total Cove	: %				FACU species	1	x 4 =	4	
Herb Stratum						UPL species		x 5 =	0	
1. Lythrum hyssopifolia		5	No	OBL		Column Totals:	59	(A)	126	(B)
2. Spergularia bocconi		10	No	FACW		Preva l ence l	ndex = R	/A =	2.14	
3. Melilotus indicus		1	No	FACU		Hydrophytic Veg			2.14	
4 Lepidium nitidum		<u>l</u>	No	FAC		Dominance T				
5. Festuca perennis			No No	FAC FACW		× Prevalence In				
6. Lepidium latipes 7. Psilocarphus brevissimus		- <u>l</u>	$\frac{No}{No}$	FACW		Morphologica			e supportir	ng
8. Hordeum depressum		$-\frac{1}{30}$	Yes	FACW		data in Re	marks or o	on a separa	te sheet)	_
-110rueum uepressum	Total Cove					Problematic H	lydrophyti	c Vegetatio	n¹ (Explain)
Woody Vine Stratum		39 %								
1. <i>None</i>					\blacksquare	¹ Indicators of hyd be present.	ric soil an	d wetland h	ıydro l ogy r	nust
2				▼		<u>'</u>				
	Total Cove	: %				Hydrophytic Vegetation				
% Bare Ground in Herb Stratum 41	% Cove	r of Biotic C	Crust	%		Present?	Yes 💿	No (\supset	
Demonstrate C. 1		mun off fu		alativaly	am a 11	10001 mione vivete	nahad In	addition t	o the verr	nal
Remarks: Sample area is a vernal po-	oi that receives	Tunon ii	om a i	Clatively	Sillali	iocai micro-wate	isnea. m	addition	o me ven	
Remarks: Sample area is a vernal popol consisting predomina										141

SOIL Sampling Point: SD1778

Depth	Matrix		Redox	Feature:	3				
(inches)	Color (moist)	% Colo	or (moist)	%	_Type ¹	Loc ²	Textur	<u>e³</u>	Remarks
		-							
					•				
					▼				
					T	▼			
					V	V			
Tuna. C=C		n DM-Dadua	and Matrix	21	. DI =Dava	Lining DC			A-BA-4
	oncentration, D=Depletion				n: PL=Pore				
					indy Loam,	Clay Loar			, Silt Loam, Silt, Loamy Sand, Sa
	ndicators: (Applicable to	all LRRs, unle	_						roblematic Hydric Soils⁴:
Histosol			Sandy Redox	. ,					(A9) (LRR C)
	pipedon (A2)	<u></u>	Stripped Ma	` '	1/54)				(A10) (LRR B)
	istic (A3)	<u></u>	Loamy Muc	-					ertic (F18)
	en Sulfide (A4)	<u>_</u>	Loamy Gley		(FZ)				t Material (TF2)
	d Layers (A5) (LRR C)	L	Depleted M	, ,	(E6)		X O	uier (⊏xp	lain in Remarks)
	uck (A9) (LRR D) d Below Dark Surface (A ²	11\	Redox Dark Depleted Da		` '				
	ark Surface (A12)	''' ⊨	Redox Depi						
	Mucky Mineral (S1)	<u> </u>	Nedox Depi Vernal Pool		1 0)		⁴ Indica	ators of h	ydrophytic vegetation and
	Gleyed Matrix (S4)		Vernai i ooi	3 (1 3)					rology must be present.
	Layer (if present):						1	dana nya	rology must be present.
	Layer (ii present).								
Type:									
Depth (in	·						1 -	Soil Pre	9
	luerhuero loam soil ser		•		_	•			
C	onservation Service (N	NRCS; 2020). No soil pi	t was du	g due to t	he cample	e noint h	eing a p	otential vernal pool and may
	inport a listed fairy shr	imp chaciac							
		mip species	. Hydric soi	ls were				to the pr	esence of hydrophytic vegeta
	nd wetland hydrology	mip species	. Hydric soi	ls were				to the pr	esence of hydrophytic vegeta
	nd wetland hydrology	mip species	. Hydric soi	ls were				to the pr	esence of hydrophytic vegeta
YDROLO	nd wetland hydrology	mip species	. Hydric soi	ls were			ent due t		esence of hydrophytic vegeta / Indicators (2 or more required)
YDROLO Wetland Hy	nd wetland hydrology OGY drology Indicators:		. Hydric soi	ls were			ent due t	Secondary	/ Indicators (2 or more required)
YDROLO Wetland Hy Primary Indic	od wetland hydrology OGY drology Indicators: cators (any one indicator						ent due t	Secondary Water	/ Indicators (2 or more required) Marks (B1) (Riverine)
YDROLO Wetland Hy Primary India Surface	ord wetland hydrology DGY drology Indicators: cators (any one indicator Water (A1)	is sufficient)	Salt Crust	(B11)			ent due t	Secondary Water	/ Indicators (2 or more required) Marks (B1) (Riverine) nent Deposits (B2) (Riverine)
YDROLO Vetland Hy Primary India Surface High Wa	ord wetland hydrology OGY drology Indicators: cators (any one indicator Water (A1) ater Table (A2)		Salt Crust	(B11) st (B12)	assumed t		ent due t	Secondary Water Sedin	/ Indicators (2 or more required) Marks (B1) (Riverine) nent Deposits (B2) (Riverine) Deposits (B3) (Riverine)
YDROLO Wetland Hy Primary India Surface High Wa	drology Indicators: cators (any one indicator Water (A1) ater Table (A2) on (A3)	is sufficient)	Salt Crust ☐ Biotic Crus ☐ Aquatic Inv	(B11) st (B12) vertebrate	es (B13)		ent due t	Secondary Water Sedin Drift L	/ Indicators (2 or more required) Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10)
YDROLO Wetland Hy Primary India Surface High Wa Saturati Water M	drology Indicators: cators (any one indicator Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverine)	is sufficient)	Salt Crust Biotic Crus Aquatic In	(B11) st (B12) vertebrate Sulfide O	es (B13) dor (C1)	o be pres	sent due t	Gecondary Water Sedin Drift Drains Dry-S	/ Indicators (2 or more required) Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2)
YDROLO Wetland Hy Primary India Surface High Wa Saturati Water M Sedime	drology Indicators: cators (any one indicator Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverine) nt Deposits (B2) (Nonrive	is sufficient)	Salt Crust Biotic Crus Aquatic In Hydrogen Oxidized F	(B11) st (B12) vertebrate Sulfide O Rhizosphe	es (B13) dor (C1) res along I	o be pres	sent due t	Secondary Water Sedin Drift Drain: Dry-S	/ Indicators (2 or more required) Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) Muck Surface (C7)
YDROLO Wetland Hy Primary India Surface High Wa Saturati Water M Sedimel Drift De	ond wetland hydrology OGY drology Indicators: cators (any one indicator Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverine) nt Deposits (B2) (Nonriverine) posits (B3) (Nonriverine)	is sufficient)	Salt Crust Biotic Crus Aquatic Inv Hydrogen Oxidized F	(B11) st (B12) vertebrate Sulfide O Rhizosphe of Reduce	es (B13) dor (C1) es along l	o be pres	ts (C3)	Secondary Water Sedin Drift D Draina Dry-S Thin M	/ Indicators (2 or more required) Marks (B1) (Riverine) Ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) Mage Patterns (B10) Muck Surface (C7) Sh Burrows (C8)
YDROLO Wetland Hy Primary India Surface High Wa Saturati Water M Sedimed Drift De Surface	ded wetland hydrology oGY drology Indicators: cators (any one indicator Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverine) nt Deposits (B2) (Nonriverine) posits (B3) (Nonriverine) Soil Cracks (B6)	is sufficient)	Salt Crust Biotic Crus Aquatic In Hydrogen Oxidized F	(B11) st (B12) vertebrate Sulfide O Rhizosphe of Reduce	es (B13) dor (C1) es along l	o be pres	ts (C3)	Secondary Water Sedin Drift D Drain: Dry-S Thin N Crayfi	/ Indicators (2 or more required) Marks (B1) (Riverine) Ment Deposits (B2) (Riverine) Meposits (B3) (Riverine) Mage Patterns (B10) Muck Surface (C7) Muck Surface (C7) Sh Burrows (C8) Mation Visible on Aerial Imagery (C
YDROLO Wetland Hy Primary India Surface High Wa Saturati Water M Sedimed Drift De Surface	ond wetland hydrology OGY drology Indicators: cators (any one indicator Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverine) nt Deposits (B2) (Nonriverine) posits (B3) (Nonriverine)	is sufficient)	Salt Crust Biotic Crus Aquatic Inv Hydrogen Oxidized F	(B11) st (B12) vertebrate Sulfide O Rhizosphe of Reduce n Reduct	es (B13) dor (C1) res along I ed Iron (C4 on in Plow	o be pres	ts (C3)	Secondary Water Sedin Drift D Drain: Dry-S Thin N Crayfi	/ Indicators (2 or more required) Marks (B1) (Riverine) Ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) Mage Patterns (B10) Muck Surface (C7) Sh Burrows (C8)
YDROLO Wetland Hy Primary India Surface High Wa Saturati Water N Sedimee Drift Dep Surface Inundati	ded wetland hydrology oGY drology Indicators: cators (any one indicator Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverine) nt Deposits (B2) (Nonriverine) posits (B3) (Nonriverine) Soil Cracks (B6)	is sufficient)	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence	(B11) st (B12) vertebrate Sulfide O Rhizosphe of Reduce n Reduct	es (B13) dor (C1) res along I ed Iron (C4 on in Plow	o be pres	ts (C3)	Gecondary Water Sedin Drift D Drain: Dry-S Thin N Crayfi Satura	/ Indicators (2 or more required) Marks (B1) (Riverine) Ment Deposits (B2) (Riverine) Meposits (B3) (Riverine) Mage Patterns (B10) Muck Surface (C7) Muck Surface (C7) Sh Burrows (C8) Mation Visible on Aerial Imagery (C
YDROLO Wetland Hy Primary India Surface High Wa Saturati Water N Sedimen Drift De Surface Inundati Water-S	drology Indicators: cators (any one indicator Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverine) nt Deposits (B2) (Nonriverine) posits (B3) (Nonriverine) Soil Cracks (B6) ion Visible on Aerial Imag Stained Leaves (B9)	is sufficient)	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence	(B11) st (B12) vertebrate Sulfide O Rhizosphe of Reduce n Reduct	es (B13) dor (C1) res along I ed Iron (C4 on in Plow	o be pres	ts (C3)	Gecondary Water Sedin Drift D Drain: Dry-S Thin N Crayfi Satura	/ Indicators (2 or more required) Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) Muck Surface (C7) sh Burrows (C8) ation Visible on Aerial Imagery (Cow Aquitard (D3)
YDROLO Wetland Hy Primary India Surface High Wa Saturati Water M Sedimen Drift De Surface Inundati Water-S Field Obser	drology Indicators: cators (any one indicator Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverine) nt Deposits (B2) (Nonriverine) posits (B3) (Nonriverine) Soil Cracks (B6) ion Visible on Aerial Imagestained Leaves (B9) reations:	is sufficient)	Salt Crust Biotic Crust Aquatic Inv Hydrogen Oxidized F Presence	(B11) st (B12) vertebrate Sulfide O Rhizosphe of Reduce n Reduct	es (B13) dor (C1) res along I ed Iron (C4 on in Plow	o be pres	ts (C3)	Gecondary Water Sedin Drift D Drain: Dry-S Thin N Crayfi Satura	/ Indicators (2 or more required) Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) Muck Surface (C7) sh Burrows (C8) ation Visible on Aerial Imagery (Cow Aquitard (D3)
YDROLO Wetland Hy Primary India Surface High Wa Saturati Water N Sedimer Drift Der Surface Inundati Water-S Field Obser	drology Indicators: cators (any one indicator Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverine) nt Deposits (B2) (Nonriverine) posits (B3) (Nonriverine) Soil Cracks (B6) ion Visible on Aerial Imag Stained Leaves (B9) rvations: ter Present? Yes (is sufficient) Perine) Erry (B7)	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence	(B11) st (B12) vertebrate Sulfide O Rhizosphe of Reduce n Reduct blain in Re	es (B13) dor (C1) res along I ed Iron (C4 on in Plow	o be pres	ts (C3)	Gecondary Water Sedin Drift D Drain: Dry-S Thin N Crayfi Satura	/ Indicators (2 or more required) Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) Muck Surface (C7) sh Burrows (C8) ation Visible on Aerial Imagery (Cow Aquitard (D3)
VDROLO Wetland Hy Primary India Surface High Wa Saturati Water N Sedimee Drift Dep Surface Inundati Water-S Field Obser Gurface Water Table	drology Indicators: cators (any one indicator Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverine) nt Deposits (B2) (Nonriverine) posits (B3) (Nonriverine) Soil Cracks (B6) ion Visible on Aerial Imag Stained Leaves (B9) rvations: ter Present? Yes (is sufficient)	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Iro Other (Exp	(B11) st (B12) vertebrate Sulfide O Rhizosphe of Reduct n Reduct plain in Re	es (B13) dor (C1) eres along l ed Iron (C4 on in Plowermarks)	o be pres	ts (C3)	Gecondary Water Sedin Drift D Drain: Dry-S Thin N Crayfi Satura	/ Indicators (2 or more required) Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) Muck Surface (C7) sh Burrows (C8) ation Visible on Aerial Imagery (Cow Aquitard (D3)
YDROLO Wetland Hy Primary India Surface High Wa Saturati Water N Sedimel Drift Del Surface Inundati Water-S Field Obser Surface Water Table Saturation P	drology Indicators: cators (any one indicator Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverine) nt Deposits (B2) (Nonriverine) Soil Cracks (B6) ion Visible on Aerial Imag Stained Leaves (B9) vations: ter Present? Yes (Present? Yes (Present? Yes (Present? Yes (Present)	is sufficient) Perine) ery (B7) No No	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence	(B11) st (B12) vertebrate Sulfide O Rhizosphe of Reduct n Reduct plain in Re	es (B13) dor (C1) res along I ed Iron (C4 on in Plow	_iving Root) ed Soils (C	ts (C3) [Gecondary Water Sedin Drift D Drain: Dry-S Thin N Crayfi Satura Shallo	/ Indicators (2 or more required) Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) eason Water Table (C2) Muck Surface (C7) sh Burrows (C8) ation Visible on Aerial Imagery (Cow Aquitard (D3)
YDROLO Wetland Hy Primary India Surface High Wa Saturati Water N Sedimee Drift De Surface Inundati Water-S Field Obser Surface Water Table Saturation P includes ca	drology Indicators: cators (any one indicator Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverine) nt Deposits (B2) (Nonriverine) posits (B3) (Nonriverine) Soil Cracks (B6) ion Visible on Aerial Imag Stained Leaves (B9) rvations: ter Present? Yes (is sufficient) Perine) Pery (B7) No No No No No No No No No No No No No N	Salt Crust Biotic Crust Aquatic Inv Hydrogen Oxidized F Presence of Recent Iro Other (Exp	(B11) st (B12) vertebrate Sulfide O Rhizosphe of Reduce n Reduct blain in Re ches): ches):	es (B13) dor (C1) eres along l ed Iron (C4 on in Plowemarks)	Living Roof) ed Soils (C	ts (C3)	Gecondary Water Sedin Drift D Drain: Dry-S Thin N Crayfi Satura Shallo FAC-I	/ Indicators (2 or more required) Marks (B1) (Riverine) Ment Deposits (B2) (Riverine) Meposits (B3) (Riverine) Mage Patterns (B10) Muck Surface (C7) Muck Surface (C7) Sh Burrows (C8) Mation Visible on Aerial Imagery (Co
YDROLO Wetland Hy Primary India Surface High Wa Saturati Water N Sedimee Drift De Surface Inundati Water-S Field Obser Surface Wat Water Table Saturation P includes ca	drology Indicators: cators (any one indicator Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverine) nt Deposits (B2) (Nonriverine) Soil Cracks (B6) ion Visible on Aerial Imag Stained Leaves (B9) vations: ter Present? Present? Yes (Present? Yes (Present? Yes (Present? Yes (Present)	is sufficient) Perine) Pery (B7) No No No No No No No No No No No No No N	Salt Crust Biotic Crust Aquatic Inv Hydrogen Oxidized F Presence of Recent Iro Other (Exp	(B11) st (B12) vertebrate Sulfide O Rhizosphe of Reduce n Reduct blain in Re ches): ches):	es (B13) dor (C1) eres along l ed Iron (C4 on in Plowemarks)	Living Roof) ed Soils (C	ts (C3)	Gecondary Water Sedin Drift D Drain: Dry-S Thin N Crayfi Satura Shallo FAC-I	/ Indicators (2 or more required) Marks (B1) (Riverine) Ment Deposits (B2) (Riverine) Meposits (B3) (Riverine) Mage Patterns (B10) Muck Surface (C7) Muck Surface (C7) Sh Burrows (C8) Mation Visible on Aerial Imagery (Co
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Wetland Hy Primary India Surface High Wa Saturati Water M Sedime Drift De Surface Inundati Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Re	drology Indicators: cators (any one indicator Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriverine) nt Deposits (B2) (Nonriverine) posits (B3) (Nonriverine) Soil Cracks (B6) ion Visible on Aerial Imag Stained Leaves (B9) rvations: ter Present? Present? Yes (Present? Yes (Present? Yes (Present) Present? Yes (Present) Present? Yes (Present) Present (Stream gaueriface water, evidence)	is sufficient) perine) ery (B7) No O No O ge, monitoring	Salt Crust Biotic Crust Aquatic Inv Hydrogen Oxidized F Presence of Recent Iro Other (Exp Depth (inc Depth (inc	(B11) st (B12) vertebrate Sulfide O Rhizosphe of Reduce n Reduct olain in Re ches): ches): ches): ohotos, pr	es (B13) dor (C1) eres along I ed Iron (C4 on in Plowermarks) 1 0 revious insp	Living Roof) ed Soils (C	ts (C3) [Secondary Water Sedin Drift D Drains Dry-S Thin N Crayfi Satura Shalld FAC-I	Indicators (2 or more required) Marks (B1) (Riverine) Ment Deposits (B2) (Riverine) Meposits (B3) (Riverine) Mage Patterns (B10) Masson Water Table (C2) Muck Surface (C7) Muck Surface (C7) Much Surface (C8) Mation Visible on Aerial Imagery (Co) Mation Visible on Aerial Imagery (Co) Mation Visible (D3) Meutral Test (D5) Mesent? Yes Mo
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Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA S	Sampling Date: April 23, 2019
Applicant/Owner: Pardee Homes		State: CA S	Sampling Point: VPHCP 2068		
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	ange: Section 31, T18S R0)1W
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave	Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	 32.553438		Long: -117.022832	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl					: Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in R	temarks.)
Are Vegetation X, Soil , or Hydrology	signifi	cantly disturb	ed? Yes	Are "Normal Circumstances"	present? Yes X No
Are Vegetation Soil , or Hydrology					<u> </u>
SUMMARY OF FINDINGS – Attach site map sh					
			it iocation:	s, transects, important i	eatures, etc.
Hydrophytic Vegetation Present? Yes X	No	_ Is th	ne Sampled	Area	
Hydric Soil Present? Yes X	_No	-	nin a Wetlan	Y 2QV	No
Wetland Hydrology Present? Yes X	_No				
Remarks: The majority of the vegetation on the site hat meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to p	past land use	s. This feature was sampled	l during the growing season and
VEGETATION – Use scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test worksh	neet:
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Spec	
1. none				That Are OBL, FACW, or	
2. 3.				Total Number of Dominan Species Across All Strata:	
				Percent of Dominant Spec	i (D)
4.		= Total Cove		That Are OBL, FACW, or	
Sapling/Shrub Stratum (Plot size:)		- Total Gove	J1		
1. none				Prevalence Index works	heet:
2.				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4.				FACW species	x 2 =
5.				FAC species	•
		= Total Cove	er	FACU species	x 4 =
Herb Stratum (Plot size:)				UPL species	x 5 =
1. Festuca perennis	70	Y	FAC	Column Totals:	(A)(B)
2. Hordeum murinum	5	N	FACU	Prevalence Index :	= B/A =
3. Bromus diandrus	15	N	UPL		
4				Hydrophytic Vegetation	
5				X Dominance Test is	
6				Prevalence Index is	
7. 8.					otations¹ (Provide supporting or on a separate sheet)
0	90	= Total Cov			,
Woody Vine Stratum (Plot size:)	90	- Total Cov	/ei	Problematic Hydrop	ohytic Vegetation¹ (Explain)
1 none				¹ Indicators of hydric soil :	and wetland hydrology must
2				be present, unless disturb	
	90	= Total Cove	er	Hydrophytic	
% Bare Ground in Herb Stratum 10 % Co	ver of Biotic			Vegetation Present? Yes	X No
			II loost weter		
Remarks: Sample area is a vernal pool that receives ru hydrophytic vegetation, but no ACOE vernal pool plant in					

Depth	Matrix		Re	dox Featu	res			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textur	e Remarks
0-2	10YR 4/2	98	7.5YR 4/6	2	C	M/RC	clay	
3-18	10YR 4/2	>99	7.5YR 4/6	<1	С	М	clay	
							- 	
							-	
							-	
¹ Type: C=Cor	ncentration, D=Depletion	, RM=Redu	ced Matrix, CS=Covered	or Coated	Sand Grain	s. 2	Location: PL=	Pore Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applica	able to all	LRRs, unless otherv	wise note	d.)		Indicato	ors for Problematic Hydric Soils ³ :
Histosol	I (A1)		Sandy R	edox (S5)			1 cm	n Muck (A9) (LRR C)
	pipedon (A2)			Matrix (S	,			n Muck (A10) (LRR B)
	istic (A3)			lucky Min				uced Vertic (F18)
	en Sulfide (A4)	• •		Sleyed Ma	. ,			Parent Material (TF2)
	d Layers (A5) (LRR C	•)	x Depleted	ı Matrix (F ark Surfa	,		Otne	er (Explain in Remarks)
	uck (A9) (LRR D) d Below Dark Surface	- (Δ11)		ark Suria I Dark Sui	` '			
	ark Surface (A12)	(((1))		epressior			3Indicato	ors of hydrophytic vegetation and
	Mucky Mineral (S1)			ools (F9)	(. 0)			and hydrology must be present,
	Gleyed Matrix (S4)			` '				ss disturbed or problematic.
Restrictive I	Layer (if present):							
Type:	, , ,							
Depth (inc	hes):						Hydric Soil	Present? Yes X No
	epleted matrix observ	ıod					•	
Nemarks. D	epieteu matrix observ	reu.						
HYDROLOG								
Wetland Hy	drology Indicators:						<u>s</u>	Secondary Indicators (2 or more required)
Wetland Hy Primary Indi	drology Indicators: icators (minimum of c		ed; check all that apply	,			<u>§</u>	Water Marks (B1) (Riverine)
Wetland Hy Primary Indi Surface	ydrology Indicators: icators (minimum of c water (A1)		Salt Crust	(B11)			<u> </u>	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Wetland Hy Primary Indi Surface High Wa	ydrology Indicators: icators (minimum of c water (A1) ater Table (A2)		Salt Crust	: (B11) st (B12)	(7.10)		<u>§</u> 	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Wetland Hy Primary Indi Surface High Wa	ydrology Indicators: icators (minimum of c Water (A1) ater Table (A2) ion (A3)	one require	Salt CrustBiotic CruAquatic In	: (B11) st (B12) overtebrate	, ,		<u>§</u> 	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Wetland Hy Primary Indi Surface High Water IN	ydrology Indicators: icators (minimum of c water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver	ne require	Salt Crust Biotic Cru Aquatic In Hydrogen	st (B11) st (B12) overtebrate Sulfide C	dor (C1)			Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
Wetland Hy Primary Indi Surface High Water M Water M Sedime	ydrology Indicators: icators (minimum of co water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No	ine require	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized	st (B11) st (B12) evertebrate Sulfide C Rhizosphe	dor (C1) eres along	_		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Wetland Hy Primary Indi Surface High Water M Sedime Drift De	ydrology Indicators: icators (minimum of c water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver ent Deposits (B2) (Nonriver)	ine require	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I	st (B11) st (B12) overtebrate Sulfide C Rhizosphe of Reduc	odor (C1) eres along ed Iron (C	4)	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Wetland Hy Primary Indi Surface High Water M Sedime Drift De X Surface	ydrology Indicators: icators (minimum of c water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No eposits (B3) (Nonriver es Soil Cracks (B6)	ine) nriverine) rine)	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Iro	st (B11) st (B12) overtebrate Sulfide C Rhizosphe of Reduct	odor (C1) eres along ed Iron (Co ion in Tille	4)	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
Wetland Hy Primary Indi Surface High Water M Sedime Drift De X Surface Inundat	ydrology Indicators: icators (minimum of control of con	ine) nriverine) rine)	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Iro Thin Much	st (B11) st (B12) evertebrate Sulfide C Rhizosphe of Reduct on Reduct & Surface	odor (C1) eres along ed Iron (C4 ion in Tille (C7)	4)	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
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Wetland Hy Primary Indi Surface High Water M Sedime Drift De X Surface Inundat Water-S Field Obser Surface Water	ydrology Indicators: icators (minimum of content of the Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver) ion Deposits (B2) (Nonriver) ion Visible on Aerial Instained Leaves (B9) ivations: er Present?	ine) nriverine) rine) magery (B	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Mucl Other (Ex	st (B11) st (B12) evertebrate Sulfide C Rhizosphe of Reduct on Reduct c Surface plain in Re	odor (C1) eres along ed Iron (C4 ion in Tille (C7)	4)	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
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Wetland Hy Primary Indi Surface High Water Mater Mater Mater Sedime Drift De X Surface Inundat Water-S Field Obser Surface Water Table Saturation Page 1	ydrology Indicators: icators (minimum of content of the Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriverse of the Deposits (B2) (Nonriverse of the Water (B6) ion Visible on Aerial I Stained Leaves (B9) vations: er Present? Yresent? Yresent?	ine) nriverine) magery (B	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Mucl Other (Ex	st (B11) st (B12) evertebrate Sulfide C Rhizosphe of Reduct on Reduct c Surface plain in Re mes):	odor (C1) eres along ed Iron (C4) ion in Tille (C7)	4) d Soils (C	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
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Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: <u>San Dieg</u>	o Sampling Date: 2/9/2022
Applicant/Owner: Tri Point Homes				State: CA Sampling Point: VPHCP2336
Investigator(s): Beth Procsal, Andy Smisek		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat:	32.547932		Long: -117.018973 Datum: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30	percent slop	es		NWI classification: Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical for	or this time of	year? Yes	X No	(If no, explain in Remarks.)
Are Vegetation X, Soil, or Hydrology _	signif	cantly disturb	ped?	Are "Normal Circumstances" present? Yes X No
Are Vegetation Soil, or Hydrology _				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map si				s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			
Hydric Soil Present? Yes	No X		he Sampled hin a Wetlan	Yes No X
Wetland Hydrology Present? Yes X	No	With	illii a vvetiaii	u:
Remarks: The majority of the vegetation on the site h does not meet the wetland criteria. VEGETATION – Use scientific names of plant:		urbed due to	past land use	es. This feature was sampled during the growing season and
VEGETATION – Use scientific names of plant	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1. Tamarix ramosissima	1	YES	FAC	That Are OBL, FACW, or FAC: (A)
2				Total Number of Dominant
3				Species Across All Strata: 2 (B)
4	. :			Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)
	1	= Total Cov	er	That Are OBE, FACW, OF FAC.
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species 0 x1 = 0
4.				FACW species 1 x 2 = 2
5				FAC species 1 x 3 = 3 FACU species 4 x 4 = 16
Herb Stratum (Plot size:)		= Total Cov	er	UPL species 85 x 5 = 425
1. Frankenia salina	1	N	FACW	Column Totals: 91 (A) 446 (B)
2. Erodium cicutarium	35	<u> </u>	UPL	Column rotals: (r)(B)
3. Medicago polymorpha	3	N	FACU	Prevalence Index = B/A = 4.9
4. Rumex crispus	1	N	FAC	Hydrophytic Vegetation Indicators:
5. Malvella leprosa	<u>·</u>	N	FACU	Dominance Test is >50%
6. Phalaris minor	50	Y	UPL	Prevalence Index is ≤3.0¹
7				Morphological Adaptations ¹ (Provide supporting
8.	-			data in Remarks or on a separate sheet)
	91	= Total Co	ver	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:				
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cov	er	Hydrophytic
0/ Page Organish Hash Offstore		O	0	Vegetation
	over of Biotic		0	Present? Yes No X
Remarks: Sample area is a vernal pool that receives repredomince of hydrophytic vegetation, it does support of				

SOIL Sampling Point: VPHCP2336 ____

	ription: (Describe	to the depth nee				confirm t	he absenc	e of indicat	tors.)	
Depth	Matrix			Redox Featu					_	
(inches)	Color (moist)	%C	Color (moist)		Type ¹	Loc ²	Textu	ire	Ren	narks
1Turney C=Co.	noontration D-Donle	tion DM-Dadward M	latrix CC=Cayo	ad as Castad	Cand Crains	. 2	d acation. Di		DC=Deat Chan	and ManMatrix
	ncentration, D=Deple	·				5.			RC=Root Chan	
I -	Indicators: (Appl	licable to all LRR							blematic Hyd	ric Solis":
— Histoso	` '			Redox (S5)				m Muck (A9		
	pipedon (A2) listic (A3)			ed Matrix (Se Mucky Mine	,			m Muck (A)	10) (LRR B)	
	en Sulfide (A4)			Gleyed Mat					aterial (TF2)	
	d Layers (A5) (LRI	R C)		ed Matrix (F					in Remarks)	
	uck (A9) (LRR D)			Dark Surfac	,		— "	ioi (Explaiii	iii rtomanto,	
	d Below Dark Surf	ace (A11)		ed Dark Sur	` '					
	ark Surface (A12)	,		Depression			³ Indicat	ors of hydro	phytic vegetat	ion and
Sandy I	Mucky Mineral (S1))	Vernal	Pools (F9)	, ,		wetl	land hydrolo	ogy must be pr	esent,
Sandy 0	Gleyed Matrix (S4)						unle	ess disturbe	d or problemat	ic.
Restrictive	Layer (if present):									
Type:		•								
Depth (inc	hes).						Hydric Soi	I Present?	Yes	No X
	-						,			
							t the hydrop	ohytic veget	ation standard	to be considered a
welland. The	erefore, no soil pit v	was dug and nyun	c soils are not	considered i	o be prese	TIL.				
HYDROLOG	ЭΥ									
Wetland Hy	ydrology Indicato	rs:						<u>Secondary</u>	Indicators (2	or more required)
Primary Ind	icators (minimum o	of one required; ch	eck all that ap	oly)				Water N	Marks (B1) (Ri v	verine)
Surface	Water (A1)		Salt Cru	ıst (B11)			_	Sedime	ent Deposits (B	2) (Riverine)
High W	ater Table (A2)		Biotic C	rust (B12)			_	Drift De	posits (B3) (R i	iverine)
Saturat	ion (A3)		Aquatic	Invertebrate	es (B13)		•	— Drainag	ge Patterns (B1	10)
	Marks (B1) (Nonri v	verine)		en Sulfide O			•		ason Water Ta	· ·
	ent Deposits (B2) (I		Oxidize	d Rhizosphe	res along L	Living Ro	ots (C3)	Thin Mu	uck Surface (C	7)
	posits (B3) (Nonri		_	ce of Reduce	_	_			h Burrows (C8)	·
	Soil Cracks (B6)	,		Iron Reducti	-		6)	Saturat	ion Visible on A	Aerial Imagery (C9)
	tion Visible on Aeria	al Imagery (B7)	Thin Mu	ick Surface	(C7)	,	•		Aquitard (D3)	
	Stained Leaves (B9			Explain in Re			•		eutral Test (D5	
Field Obser		,		•					•	,
Field Obser Surface Wat		Voc. No.	V Donth (in	oboo):						
Water Table		Yes No Yes No								
							and Usedeal	anı Drasar	•••2 Vaa	V No
Saturation P	pillary fringe)	Yes No	_ X _ Depth (iii	cries).		_ wella	and Hydrol	ogy Preser	it? res	XNo
	corded Data (strear	m gauge monitorin	ng well aerial i	nhotos previ	ious inspec	tions) if a	available:			
Describe rec	oraca Bata (Streat	ii gaage, monitorii	ig weii, deridi j	motos, provi	iodo mopoc	, ii c	avallabio.			
	though no surface					ce of surf	ace soil cra	icks indicate	that the area	supports wetland
	ater table level and									

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	Sampling Date: 3/17/20	21
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point: VPHCP	2337
Investigator(s): Beth Procsal, Gerry Scheid		Section,	, Township, R	Range: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): mesa top		Local re	lief (concave,	, convex, none): concave	Slope (%): 0)-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.54795756	28	Long: -117.014031229	Datum: NAD8	3
Soil Map Unit Name: Olivenhain cobbly loam, 9 to 30 pe	ercent slope	es		NWI classification	on: Freshwater Emergent	Wetland
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No			
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstance		No
Are Vegetation, Soil, or Hydrology				(If needed, explain any ans	swers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important	t features, etc.	
Hydrophytic Vegetation Present? Yes X	No		ha Camuulad	A		
Hydric Soil Present? Yes X	No		he Sampled hin a Wetlan	VΔC)	X No	
Wetland Hydrology Present? Yes X	No	_	imi a wouldii	u.		
Remarks: The majority of the vegetation on the site ha meets the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	es. This feature was sample	ed during the growing sea	ison and
VEGETATION – Use scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test works	sheet:	
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Sp		
1. none				That Are OBL, FACW, o		_(A)
2				Total Number of Domina Species Across All Strat		(B)
				Percent of Dominant Sp		
T		= Total Cov	er	That Are OBL, FACW, o	or FAC: <u>66</u>	_(A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index work	sheet:	
2.				Total % Cover of:	Multiply by:	_
3.				OBL species	x 1 =	_
4				FACW species	x 2 =	_
5				FAC species		
		= Total Cov	er	FACU species		_
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Rumex crispus		Yes	FAC	Column Totals:	(A)	_(B)
2. Malvella leprosa	5	No	FACU	Prevalence Inde	x = B/A =	_
3. Festuca perennis	50	Yes	FAC_	The december the Manager to		
Bromus diandrus Brassica nigra	1	Yes No	UPL	Hydrophytic Vegetatio		
6		INO	UPL	X Dominance Test in		
6. 7.				Prevalence Index		ortin a
8.					aptations¹ (Provide suppo ks or on a separate sheet	
0	96	= Total Co	ver		ophytic Vegetation¹ (Expla	•
Woody Vine Stratum (Plot size:)		rotal oo	• • • • • • • • • • • • • • • • • • • •	I Toblematic Hydro	opriyiic vegetation (Expir	all1 <i>)</i>
1 none				¹ Indicators of hydric so	il and wetland hydrology r	must
2. <i>none</i>				be present, unless distr	urbed or problematic.	
	96	= Total Cov	er	Hydrophytic Vegetation	-	_
	ver of Biotic			Present? Ye	es X No	
Remarks: Sample area is a vernal pool that receives rul predominately of hydrophytic vegetation, it also supports						
			,	. , ,	·	

SOIL Sampling Point: <u>VPHCP2337</u>

Profile Desc	ription: (Describe to	the depth	needed to docum	ent the in	dicator or	confirm	the absenc	e of indicator	's.)	
Depth	Matrix			edox Featu						
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu		Remark	<u>(S</u>
0-4	10YR 3/2	95 5	5YR 4/6	5	RM	М	CLAY LO	<u> </u>		
4-12	10YR 3/2	855	5YR 4/6	15	RM	М	CLAY			
					· —— -					
							_			
¹ Type: C=Cor	ncentration, D=Depletion	, RM=Reduce	d Matrix, CS=Covere	ed or Coated	Sand Grains	S	² Location: PL	.=Pore Lining, R0	C=Root Channel, I	M=Matrix.
Hydric Soil	Indicators: (Applica	ble to all L	RRs, unless other	rwise note	ed.)		Indicat	tors for Proble	ematic Hydric S	Soils³:
Histosol	I (A1)		Sandy I	Redox (S5))		1 c	m Muck (A9) ((LRR C)	
	pipedon (A2)			d Matrix (S	•			m Muck (A10)		
	istic (A3)			Mucky Min	. ,			educed Vertic (•	
	en Sulfide (A4)	• \		Gleyed Ma				ed Parent Mate	` ,	
	d Layers (A5) (LRR C uck (A9) (LRR D)	•)	X Redox	ed Matrix (F	,		Oii	her (Explain in	Remarks)	
	d Below Dark Surface	(A11)		ed Dark Sui	` '					
	ark Surface (A12)	, (, (, , ,		Depression			³ Indica	tors of hydroph	nytic vegetation	and
	Mucky Mineral (S1)			Pools (F9)	(- /				y must be prese	
	Gleyed Matrix (S4)		<u></u>	, ,					or problematic.	
Restrictive	Layer (if present):									
Type:	, , ,									
Depth (inc	hes):						Hydric So	il Present?	Yes X	No
Remarks: re	edox dark surface obs	erved								
rtemano. Te	odox dark sariade obc	orvou.								
HYDROLOG	ev .									
	/drology Indicators:							Socondary Ir	adicators (2 or	more required)
1	icators (minimum of o		check all that ann	lv)					rks (B1) (Riveri	
	· Water (A1)	ne required,	Salt Crus	• /					Deposits (B2) (•
	ater Table (A2)			ust (B12)					osits (B3) (River	· ·
Saturati	,			lnvertebrat	oc (R13)				Patterns (B10)	ille)
	Marks (B1) (Nonriveri	ine)		n Sulfide C	. ,				on Water Table	(C2)
	ent Deposits (B2) (No	-			eres along	Livina Ra	note (C3)		k Surface (C7)	(02)
	posits (B3) (Nonriver	-			ed Iron (C4	-	3013 (00)		Burrows (C8)	
	Soil Cracks (B6)				tion in Tilled		26)			al Imagery (C9)
	ion Visible on Aerial I	magery (B7)		ck Surface		2 000 (0	,,		quitard (D3)	ar imagery (00)
	Stained Leaves (B9)	magory (Br)		xplain in R	-				tral Test (D5)	
Field Obser			`	•						
Surface Wat		es l	No X Depth (inc	ches).						
Water Table			No X Depth (inc			_				
Saturation P			No X Depth (inc			_	and Hydrol	logy Present?	Yes X	No
(includes cap		· —	to X Bopan (inc			_	uuyu.o.	logy i roccini	100 <u>//</u>	
Describe Rec	orded Data (stream g	auge, monit	oring well, aerial p	hotos, prev	ious inspec	ctions), if	available: ı	n/a		
Remarks: Alt	hough no surface wa	ter was proc	ent at the time of t	he delinest	tion eviden	ce of cur	face soil ord	acke indicate th	nat the area cun	norte wetland
hydrology.	inough no surface wa	ıcı was pies	ent at the time of t	ne delineal	iiori, eviden	ce or sur	iace son cra	acks indicate th	iai iiie area sup	ports wettand

Project/Site: Southwest Village Specific Plan Project		City/Co	unty:San	Diego)	Sam	pling Date:3/	3/2020	
Applicant/Owner: Pardee Homes			-		State:CA	—— Samı	pling Point: $_{ m S}$]	 D 3139	
Investigator(s): Beth Procsal and JR Sundberg		Section	, Townshi	p, Ran	nge:Section 31, T1				
Landform (hillslope, terrace, etc.): mesa top					convex, none):conc			e (%):0 - 2	
Subregion (LRR):C - Mediterranean California	Lat:32.5				Long:-117.02544		 Datur	 n:NAD8:	3
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent slo	_		-				—— Freshwater		
Are climatic / hydrologic conditions on the site typical for this		ear? Yes	s (a)	No (-			
	gnificantly				Normal Circumstand		,	No (
	aturally pro				eded, explain any ar	-	_		2
SUMMARY OF FINDINGS - Attach site map s				·	•			itures. c	etc.
			g p						
			s the Sar	nnlad	Area				
			within a V	-			No (
Remarks: The majority of the vegetation on the site ha	· ·						_	area, in	
general, has been altered due to off-road act						•	~		
problematic due to the seasonality of their p	resence	with hy	drology	restri	cted to the winter	and veget	tation to the	late wir	nter
and early spring months each year.									#
VEGETATION									
	Absolute % Cover	Domina Specie	ant Indica	- 1	Dominance Test				
1.None	70 COVEL			<u>√5</u>	Number of Domina That Are OBL, FA			(Α	۱ ۱
2.			₹—				3.	(/	"
3.			╡		Total Number of D Species Across All		3	(E	3)
4.			╡—					()	"
Total Cover:	- %				Percent of Domina That Are OBL, FAG			Λ% (A	VB)
Sapling/Shrub Stratum		_					100	,0 /0 (
1.None			Ĭ		Prevalence Index				
2			┪		Total % CoverOBL species		Multiply x 1 =	20	
3. 4.			┪		FACW species	20 45	x 2 =	90	
5.			<u>▼</u>	▼	FAC species	43	x 3 =	0	
Total Cover:				۳	FACU species	2.	x 4 =	8	
Herb Stratum	70				UPL species	5	x 5 =	25	
1.Plagiobothrys acanthocarpus	20	Yes	OBL		Column Totals:	72	(A)	143	(B)
2. Psilocarphus brevissimus	15	Yes	FACW			, _			`
3. Plantago elongata	30	Yes	FACW		Prevalence I			1.99	
4. Erodium botrys	5	No	UPL		Hydrophytic Vege				
5. Deinandra fasciculata	2	No	FACU		★ Dominance Text ★ Prevalence Income				
6			<u> </u>	▼	Morphological			ounn ortine	_
7			<u> </u>				na separate		,
8.			<u> </u>	\blacksquare	Problematic H	ydrophytic	Vegetation ¹	(Exp l ain)	
Total Cover: Woody Vine Stratum	72 %								
1.None			▼	\blacksquare	¹ Indicators of hydr	ic soil and	wetland hyd	lro l ogy m	ust
2.					be present.				
Total Cover:	%				Hydrophytic				
% Bare Ground in Herb Stratum 28% % Cover	of Biotic C	Crust	%		Vegetation Present?	Yes 💿	No (
Remarks: Sample area is a vernal pool that receives		-		llems		\sim		the verne	1
pool consisting predominately of hydrophy									H
(Psilocarphus brevissimus, Plagiobothrys						r			
				-					

SOIL Sampling Point: SD 3139

	Matrix			x Features			_	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture ³	Remarks
					<u> </u>			
	·							
						▼		
					lacksquare	▼		
						▼		
					▼	\blacksquare		
Type: C=C	Concentration, D=Deple	etion, RM=R	educed Matrix.	² Location	n: PL=Pore	 Lining, RC	=Root Channe	el, M=Matrix.
	·							am, Silt Loam, Silt, Loamy Sand, Sand
	Indicators: (Applicable				-			or Problematic Hydric Soils:
Histoso			Sandy Redo					uck (A9) (LRR C)
	Epipedon (A2)		Stripped M					uck (A10) (LRR B)
	listic (A3)		Loamy Mud		I (F1)			ed Vertic (F18)
Hydrog	en Sulfide (A4)		Loamy Gle	yed Matrix	(F2)			rent Material (TF2)
	ed Layers (A5) (LRR C)	Depleted M	-				Explain in Remarks)
1 cm M	uck (A9) (LRR D)		Redox Darl	k Surface	(F6)			
Deplete	ed Below Dark Surface	(A11)	Depleted D	ark Surfac	ce (F7)			
Thick D	ark Surface (A12)		Redox Dep	ressions (F8)			
Sandy	Mucky Mineral (S1)		Vernal Poo	l s (F9)			⁴Indicators o	of hydrophytic vegetation and
Sandy	G l eyed Matrix (S4)						wetland	hydrology must be present.
Restrictive	Layer (if present):							
Type:								
Depth (ir	nches):						Hydric Soil I	Present? Yes No
	·	comica is on	d II 1 ' C '				•	
semans, r	mermiero ioani son	series is or	i the Hydric So	ils of San	Diego Co	ounty list	obtained from	m the Natural Resource
								m the Natural Resource
C	Conservation Service	(NRCS; 2	2020). No soil p	it was du	g due to tl	he sample	point being	a potential vernal pool and may
S	Conservation Service upport a listed fairy	e (NRCS; 2 shrimp spe	2020). No soil p	it was du	g due to tl	he sample	point being	a potential vernal pool and may
S a	Conservation Service upport a listed fairy and wetland hydrolog	e (NRCS; 2 shrimp spe	2020). No soil p	it was du	g due to tl	he sample	point being	a potential vernal pool and may
S A YDROLO	Conservation Service upport a listed fairy nd wetland hydrolog OGY	e (NRCS; 2 shrimp spe	2020). No soil p	it was du	g due to tl	he sample	e point being ent due to the	a potential vernal pool and may presence of hydrophytic vegetation
S A YDROLO Vetland Hy	Conservation Service upport a listed fairy nd wetland hydrolog DGY drology Indicators:	e (NRCS; 2 shrimp spe	2020). No soil pecies. Hydric so	it was du	g due to tl	he sample	e point being ent due to the	a potential vernal pool and may e presence of hydrophytic vegetation
s A YDROLO Vetland Hy Primary Ind	Conservation Service upport a listed fairy nd wetland hydrolog OGY /drology Indicators: icators (any one indica	e (NRCS; 2 shrimp spe	2020). No soil pecies. Hydric so	it was du ils were a	g due to tl	he sample	e point being ent due to the Second	a potential vernal pool and may presence of hydrophytic vegetation dary Indicators (2 or more required) ater Marks (B1) (Riverine)
S A YDROLO Vetland Hy Primary Ind Surface	Conservation Service upport a listed fairy nd wetland hydrolog OGY rdrology Indicators: icators (any one indicate Water (A1)	e (NRCS; 2 shrimp spe	2020). No soil pecies. Hydric so	it was du ils were a	g due to tl	he sample	e point being ent due to the Second	a potential vernal pool and may e presence of hydrophytic vegetation dary Indicators (2 or more required) ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine)
S A YDROLO Vetland Hy Primary Ind Surface	Conservation Service upport a listed fairy nd wetland hydrolog OGY /drology Indicators: icators (any one indica	e (NRCS; 2 shrimp spe	2020). No soil pecies. Hydric so ent) Salt Crust	it was du ils were a	g due to ti assumed to	he sample	e point being ent due to the Second	a potential vernal pool and may presence of hydrophytic vegetation dary Indicators (2 or more required) ater Marks (B1) (Riverine)
S a YDROLO Vetland Hy rimary Ind Surface High W	Conservation Service upport a listed fairy nd wetland hydrolog OGY rdrology Indicators: icators (any one indicate Water (A1)	e (NRCS; 2 shrimp spe	2020). No soil pecies. Hydric so	it was du ils were a	g due to ti assumed to	he sample	Second W:	a potential vernal pool and may e presence of hydrophytic vegetation dary Indicators (2 or more required) ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine)
YDROLO Vetland Hy rimary Ind Surface High W Saturat	Conservation Service upport a listed fairy and wetland hydrolog OGY /drology Indicators: icators (any one indicate we Water (A1) /dater Table (A2)	e (NRCS; 2 shrimp spe	2020). No soil pecies. Hydric so ent) Salt Crust	it was du ils were a (B11) st (B12) vertebrate	g due to the assumed	he sample	Second Second Second Second Second Second Second Second Dr	a potential vernal pool and may e presence of hydrophytic vegetation dary Indicators (2 or more required) ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) ift Deposits (B3) (Riverine)
YDROLO Vetland Hy rimary Ind Surface High W Saturat Water I	Conservation Service upport a listed fairy and wetland hydrolog OGY /drology Indicators: icators (any one indicate Water (A1) /dreater Table (A2) ion (A3)	e (NRCS; 2 shrimp spe	ent) Salt Crust Biotic Cru Aquatic In	it was du ils were a (B11) st (B12) evertebrate Sulfide Oc	g due to the assumed	he sample o be prese	Second Second Second Dr Dr	a potential vernal pool and may presence of hydrophytic vegetation dary Indicators (2 or more required) ater Marks (B1) (Riverine) addiment Deposits (B2) (Riverine) ainage Patterns (B10)
YDROLO Vetland Hy Primary Ind Surface High W Saturat Water I Sedime	Conservation Service upport a listed fairy and wetland hydrolog OGY /drology Indicators: icators (any one indicate Water (A1) /dater Table (A2) ion (A3) Marks (B1) (Nonriverin	e (NRCS; 2 shrimp spe	ent) Salt Crust Aquatic In Hydrogen Oxidized I	it was du ils were a (B11) st (B12) evertebrate Sulfide Oc Rhizosphe	g due to the assumed	he sample o be prese	Second Second Second Dr Dr S (C3)	a potential vernal pool and may e presence of hydrophytic vegetation dary Indicators (2 or more required) ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) ift Deposits (B3) (Riverine) ainage Patterns (B10) y-Season Water Table (C2)
YDROLO Vetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De	Conservation Service upport a listed fairy and wetland hydrolog OGY rdrology Indicators: icators (any one indicate water (A1) later Table (A2) ion (A3) Marks (B1) (Nonrivering ent Deposits (B2) (Nonrivering eposits (B3) (Nonrivering eposits (B3) (Nonrivering eposits (B3) (Nonrivering	e (NRCS; 2 shrimp spe	ent) Salt Crust Aquatic In Hydrogen Oxidized I Presence	it was du ils were a (B11) st (B12) evertebrate Sulfide Oc Rhizosphe of Reduce	g due to the assumed to see (B13) dor (C1) eres along Led Iron (C4)	he sample o be prese	Second Second Second Dr Dr S (C3) Th	a potential vernal pool and may presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of hydrophy
YDROLO Vetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De Surface	Conservation Service upport a listed fairy and wetland hydrolog OGY /drology Indicators: icators (any one indicate a Water (A1) /dret Table (A2) ion (A3) Marks (B1) (Nonrivering ent Deposits (B2) (Nonrivering a Soil Cracks (B6)	e (NRCS; 2 shrimp spector is sufficient tor is sufficient ne) riverine)	ent) Salt Crust Salt Crust Aquatic In Hydrogen Oxidized I Recent Iro	it was du ils were a (B11) st (B12) evertebrate Sulfide Oo Rhizosphe of Reduce on Reducti	es (B13) dor (C1) eres along L ed Iron (C4) fon in Plowe	he sample o be prese	Second Second Second Dr Dr Cr S(C3) Th Cr Sa	a potential vernal pool and may presence of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation vegetation of hydrophytic vegetation ve
YDROLO Vetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De Surface	Conservation Service upport a listed fairy and wetland hydrolog OGY rdrology Indicators: icators (any one indicate water (A1) fater Table (A2) ion (A3) Marks (B1) (Nonrivering tent Deposits (B2) (Nonrivering eposits (B3) (Nonrivering eposits (B3) (Nonrivering eposits (B3) (Nonrivering eposits (B6) ition Visible on Aerial In	e (NRCS; 2 shrimp spector is sufficient tor is sufficient ne) riverine)	ent) Salt Crust Salt Crust Aquatic In Hydrogen Oxidized I Recent Iro	it was du ils were a (B11) st (B12) evertebrate Sulfide Oc Rhizosphe of Reduce	es (B13) dor (C1) eres along L ed Iron (C4) fon in Plowe	he sample o be prese	Second William Second William Dr Dr Cr Cr Se Sr Sr Sr Sr Sr Sr S	a potential vernal pool and may presence of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation vegetation of hydrophytic vegetation vegetation of hydrophytic vegetation vegetati
YDROLO Vetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De Surface Inundat Water-S	Conservation Service upport a listed fairy nd wetland hydrolog OGY rdrology Indicators: icators (any one indicate Water (A1) later Table (A2) ion (A3) Marks (B1) (Nonrivering ant Deposits (B2) (Nonivering eposits (B3) (Nonrivering eposits (B3) (Nonrivering eposits (B6) ition Visible on Aerial Interstained Leaves (B9)	e (NRCS; 2 shrimp spector is sufficient tor is sufficient ne) riverine)	ent) Salt Crust Salt Crust Aquatic In Hydrogen Oxidized I Recent Iro	it was du ils were a (B11) st (B12) evertebrate Sulfide Oo Rhizosphe of Reduce on Reducti	es (B13) dor (C1) eres along L ed Iron (C4) fon in Plowe	he sample o be prese	Second William Second William Dr Dr Cr Cr Se Sr Sr Sr Sr Sr Sr S	a potential vernal pool and may presence of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation of hydrophytic vegetation vegetation of hydrophytic vegetation ve
YDROLO Vetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De Surface Unundat Water-S Field Obse	Conservation Service upport a listed fairy and wetland hydrolog OGY rdrology Indicators: icators (any one indicate) water (A1) later Table (A2) ion (A3) Marks (B1) (Nonrivering and Deposits (B2) (Nonrivering exposits (B3) (Nonrivering e	tor is sufficiente) riverine) nagery (B7)	ent) Salt Crust Salt Crust Aquatic In Hydrogen Oxidized I Presence Recent Irc Other (Ex	it was du ils were a (B11) st (B12) evertebrate Sulfide Oc Rhizosphe of Reduce on Reducti plain in Re	es (B13) dor (C1) eres along L ed Iron (C4) fon in Plowe	he sample o be prese	Second William Second William Dr Dr Cr Cr Se Sr Sr Sr Sr Sr Sr S	a potential vernal pool and may e presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of hydrophyti
YDROLO Vetland Hy Primary Ind Surface High W Saturat Vater I Sedime Surface Inundat Water-s Field Obse	Conservation Service upport a listed fairy and wetland hydrolog OGY /drology Indicators: icators (any one indicate a Water (A1) /dret Table (A2) ion (A3) Marks (B1) (Nonrivering ent Deposits (B2) (Nonrivering a Soil Cracks (B6) icion Visible on Aerial Im Stained Leaves (B9) rvations: ter Present? Ye	tor is sufficiente ne) riverine) nagery (B7)	ent) Salt Crust Solt Crust Aquatic In Hydrogen Oxidized I Presence Recent Irc Other (Ex	it was du ils were a (B11) st (B12) evertebrate Sulfide Oc Rhizosphe of Reduce on Reducti plain in Re	es (B13) dor (C1) eres along L ed Iron (C4) fon in Plowe	he sample o be prese	Second William Second William Dr Dr Cr Cr Se Sr Sr Sr Sr Sr Sr S	a potential vernal pool and may e presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of hydrophyti
YDROLO Wetland Hy Primary Ind Surface High W Saturat Water I Sedime Drift De Surface Inundat Water-S Field Obse	Conservation Service upport a listed fairy and wetland hydrolog OGY /drology Indicators: icators (any one indicate a Water (A1) /dret Table (A2) ion (A3) Marks (B1) (Nonrivering ent Deposits (B2) (Nonrivering a Soil Cracks (B6) icion Visible on Aerial Im Stained Leaves (B9) rvations: ter Present? Ye	tor is sufficiente ne) riverine) nagery (B7)	ent) Salt Crust Salt Crust Aquatic In Hydrogen Oxidized I Presence Recent Irc Other (Ex	it was du ils were a (B11) st (B12) evertebrate Sulfide Oc Rhizosphe of Reduce on Reducti plain in Re	es (B13) dor (C1) eres along L ed Iron (C4) fon in Plowe	he sample o be prese	Second William Second William Dr Dr Cr Cr Se Sr Sr Sr Sr Sr Sr S	a potential vernal pool and may e presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of the presence of hydrophytic vegetation of hydrophyti
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Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: April 23, 2019		
Applicant/Owner: Pardee Homes		State: CA Sampling Point: VPHCP 3145				
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	ange: Section 31, T18S R01W		
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2		
Subregion (LRR): LRR-C	Lat: 3	Lat: 32.558649				
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None		
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)		
Are Vegetation X, Soil , or Hydrology				· 		
				(If needed, explain any answers in Remarks.)		
SUMMARY OF FINDINGS – Attach site map sh						
Hydrophytic Vegetation Present? Yes	No X					
Hydric Soil Present? Yes	No X	is u	ne Sampled	Yes No X		
Wetland Hydrology Present? Yes X	No	— with	nin a Wetlan			
Remarks: The majority of the vegetation on the site had does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This feature was sampled during the growing season and		
VEGETATION — 636 301611tille flutiles of pluties	Absolute	Dominant	Indicator	Dominance Test worksheet:		
Tree Stratum (Plot size:)	% Cover		Status	Number of Dominant Species		
1. <u>none</u>				That Are OBL, FACW, or FAC: 1 (A)		
2. 3.				Total Number of Dominant Species Across All Strata: 2 (B)		
				Percent of Dominant Species		
4		= Total Cove	er	That Are OBL, FACW, or FAC:(A/B)		
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index worksheet:		
2.				Total % Cover of: Multiply by:		
3.				OBL species1 x 1 =1		
4				FACW species 0 x 2 = 0		
5				FAC species 60 x 3 = 180		
		= Total Cove	er	FACU species14 x 4 =56		
Herb Stratum (Plot size:)				UPL species 20 x 5 = 100		
1. Festuca perennis	60	Y	FAC	Column Totals:95 (A)337 (B)		
2. Erodium cicutarium	1	Y	— UPL OBL	Prevalence Index = B/A = 3.5		
3. Eryngium aristulatum parishii	3	N		Lively and the Verentation Indicators		
Bromus hordeaceus Festuca myuros	10	N	FACU FACU	Hydrophytic Vegetation Indicators:		
6. Deinandra fasciculata	1	N	FACU	Dominance Test is >50% Prevalence Index is ≤3.0¹		
7.				Morphological Adaptations ¹ (Provide supporting		
8.				data in Remarks or on a separate sheet)		
	95	= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)		
Woody Vine Stratum (Plot size:)				Troblematio Trydrophytio Vogetation (Explain)		
1none				¹ Indicators of hydric soil and wetland hydrology must		
2.				be present, unless disturbed or problematic.		
		= Total Cove	er	Hydrophytic Vegetation		
	ver of Biotic			Present? Yes No X		
Remarks: Sample area is a vernal pool that receives rupredomince of hydrophytic vegetation, it does support of						

(Inches) Color (most) % Color (most) % Type Loc² Texture Remarks Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, 1864-fleaued Matio, CS-Cowered or Coated Matio, 1864-fleaued Matio, 1872-fleaued Matio,	Depth	Matrix		Re	dox Featu	ıres			
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Biack Histic (A3) Loamy Mucky Mineral (F1) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A9) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Reduc	(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
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Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Biack Histic (A3) Loamy Mucky Mineral (F1) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A9) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Reduc									
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Histosol (A1) Sandy Redox (S5) 1 cm Muck (A9) (LRR C) Histic Epipadon (A2) Shipped Matrix (S6) 2 cm Muck (A9) (LRR B) Black Histic (A3) Loarny Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loarny Cleyed Matrix (F2) Red Parent Material (TF2) Stratified Layers (A5) (LRR C) Depleted Matrix (F2) The Muck (A9) (LRR D) Redox Dark Surface (F3) Depleted Matrix (F2) Depleted Matrix (F2) Thick Dark Surface (A11) Depleted Dark Surface (F3) Depleted Dark Surface (F1) Thick Dark Surface (A12) Redox Depressions (F8) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) "Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes No_X Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be considered a wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY Wetland Hydrology Indicators: Burdace Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Rivorine) High Water Table (A2) Biotic Crust (B12) Drift Deposits (B3) (Riverine) Surface Water (A1) Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Sediment Deposits (B2) (Nonriverine) Presence of Reduced Iron (C4) Shallow Aquitard (D3) Filmary Indicators (B6) Recent Iron Reduction in Tilled Soils (C6) Shallow Aquitard (D3) Introduction Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Filed Observations: Surface Water Present? Yes No X Depth (inches): Water Marks (B1) (Riverine) Presence (Reduced Iron (C4) Shallow Aquitard (D3) Filed Observations: Surface Water Present? Yes No X Depth (inches): Water Saltration Present? Yes No X Depth (inches): Water Saltration Present? Yes No X Depth (inches): Water Saltration Present? Yes No X Depth (inches): Water Marks (A1) (A1) Water Marks (A1) (A1) Water Marks (A1) Water Marks (A1) Water Mar	Hydric Soil	Indicators: (Applica	ble to all LR	Rs, unless other	vise note	d.)		Indicators	for Problematic Hydric Soils ³ :
Histic Epipedon (A2)		,				•			•
Black Histic (A3)		` '			` '				, , ,
Hydrogen Sulfide (Ae) Stratified Layers (A5) (LRR C) Depleted Matrix (F2) Depleted Below Dark Surface (A1) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Redox Dark Surface (F7) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Redox Dark Surface (F8) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Redox Depressions (F8) "Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Depth (inches): Peth sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be considered a wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY Wetland Hydrology Indicators: Secondary Indicators (2 or more required) Primary Indicators (minimum of one required; check all that apply) Water Marks (B1) (Riverine) Surface Water (A1) Salt Crust (B12) Drift Deposits (B2) (Riverine) Surface Water (A1) Salt Crust (B12) Drift Deposits (B3) (Riverine) Surface Water (A1) Salt Crust (B12) Drift Deposits (B3) (Riverine) Surface (B2) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Thin Muck Surface (C7) Drift Deposits (B2) (Nonriverine) Drift Deposits (B2) (Nonriverine) Drift Deposits (B2) (Nonriverine) Drift Deposits (B2) (Nonriverine) Presence of Reduced Iron (C4) Carylish Burrows (C8) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9) In Index Surface (C7) Shallow Aquitard (D3) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Wetland Hydrology Present? Yes No X Depth (inches): Wetland Hydrology Present? Yes No Depth (inches): Wetl					•	,			
Startified Layers (AS) (LRR C)	Black Hi	istic (A3)		Loamy N	∕lucky Min	eral (F1)			
Startified Layers (AS) (LRR C)	Hydroge	en Sulfide (A4)		Loamy G	Sleyed Ma	trix (F2)		Red Pa	arent Material (TF2)
1 cm Muck (A9) (LRR D)	Stratified	d Lavers (A5) (LRR C)	Depleted	l Matrix (F	3)			
Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Versal Pools (F9) Wetland Hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes No X Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be considered a wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY Wetland Hydrology Indicators: Secondary Indicators (2 or more required) Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Solution (A3) Aguatic Invertebrates (B13) Dariange Pattems (B10) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Drift Deposits (B2) (Nonriverine) Drift Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Suturace Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9) Inundation Visible on Aerial Imagery (B7) Water Table (A2) Sufface Water Present? Yes No X Depth (inches): Sutrace Water Present? Yes No X Depth (inches): Sutrace Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a			,		,	,			(2/1/18
Thick Dark Surface (A12) Redox Depressions (F8) Pindicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be considered a wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B12) Saturation (A3) Aquatic Invertebrates (B13) Water Table (A2) Saturation (A3) Aquatic Invertebrates (B13) Water Marks (B1) (Nonriverine) Surface Deposits (B2) (Nonriverine) Drift Deposits (B3) (Riverine) Drift Dep		. , . ,	(444)			` '			
Sandy Mucky Mineral (S1)			(A11)			` ,		0	
Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be considered a wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Surface Water (A1) Surface Water (A1) Surface Water (A2) Biotic Crust (B12) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Wetland Hydrology Present? Yes No Wetland Hydrology Present? Yes No Wetland Hydrology Present? Yes No Wetland Hydrology Present? Yes No Wetland Hydrology Present? Yes No Wetland Hydrology Present? Yes No Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrolog				Redox D	epressior	ıs (F8)			
Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes No _X Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be considered a wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Biotic Crust (B12) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drainage Patterns (B10) Drainage Patterns (B10) Drainage Patterns (B10) Drainage Patterns (B10) Sediment Deposits (B2) (Nonriverine) Drainage Patterns (B10) Drainage	Sandy N	Mucky Mineral (S1)		Vernal P	ools (F9)			wetland	hydrology must be present,
Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes No _X Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be considered a wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Biotic Crust (B12) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drainage Patterns (B10) Drainage Patterns (B10) Drainage Patterns (B10) Drainage Patterns (B10) Sediment Deposits (B2) (Nonriverine) Drainage Patterns (B10) Drainage	Sandy G	Bleved Matrix (S4)		<u>—</u>				unless	disturbed or problematic.
Type: Depth (inches): Depth (i									'
Depth (inches):	Restrictive I	_ayer (if present):							
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### Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)	Deput (inci			_				l lydlic 30ii Fil	esent: TesNOX
Wetland Hydrology Indicators: Secondary Indicators (2 or more required) Primary Indicators (minimum of one required; check all that apply)									
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Saturation (A3)	Surface	Water (A1)		Salt Crust	t (B11)				Sediment Deposits (B2) (Riverine)
Water Marks (B1) (Nonriverine)	High Wa	ater Table (A2)		Biotic Cru	st (B12)				Drift Deposits (B3) (Riverine)
Water Marks (B1) (Nonriverine)	Saturati	on (A3)		Aguatic Ir	vertebrat	es (B13)		'	Drainage Patterns (B10)
Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) X Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Field Observations: Surface Water Present? Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No Yes No Saturation Present? Yes No Saturation Present? Yes No Saturation Present? Yes X No Inches (C7) Saturation Visible on Aerial Imagery (C9) Saturation Visible on Aerial Imagery (C9) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5) Wetland Hydrology Present? Yes X No Inches (C7) Shallow Aquitard (D3) FAC-Neutral Test (D5) Wetland Hydrology Present? Yes X No Inches (C7) Shallow Aquitard (D3) FAC-Neutral Test (D5) Wetland Hydrology Present? Yes X No Inches (C7) Shallow Aquitard (D3) FAC-Neutral Test (D5) Wetland Hydrology Present? Yes X No Inches (C7) Shallow Aquitard (D3) FAC-Neutral Test (D5) Wetland Hydrology Present? Yes X No Inches (C7) Inches (C7) Shallow Aquitard (D3) FAC-Neutral Test (D5) Wetland Hydrology Present? Yes X No Inches (C7) Shallow Aquitard (D3) FAC-Neutral Test (D5)		` '	no)			,			. ,
Drift Deposits (B3) (Nonriverine)									• • • • • • • • • • • • • • • • • • • •
X Surface Soil Cracks (B6)	Sedime	nt Deposits (B2) (Nor	riverine)	Oxidized	Rhizosphe	eres along	Living Roo	ots (C3)	Thin Muck Surface (C7)
X Surface Soil Cracks (B6)	Drift De	posits (B3) (Nonriver	ine)	Presence	of Reduc	ed Iron (C4	1)		Crayfish Burrows (C8)
Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Wetland Hydrology Present? Yes X No (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a	· —	. , , ,	•	Recent In	on Reduct	ion in Tille	d Soils (C	6)	
Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and		, ,	magam: /D=\						
Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and			nagery (B7)						•
Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and	Water-S	Stained Leaves (B9)		Other (Ex	plain in R	emarks)			FAC-Neutral Test (D5)
Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and	Field Obser								
Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and	1								
Saturation Present? Yes No X Depth (inches): Wetland Hydrology Present? Yes X No (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and	Surface Wate	er Present? Ye	es N	lo <u>X</u> Depth (inch	nes):		_		
Saturation Present? Yes No X Depth (inches): Wetland Hydrology Present? Yes X No (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and	Water Table	Present? Ye	es N	lo X Depth (inch	nes):				
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and	Saturation Pr						— Wetla	and Hydrology	Present? Yes X No
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and			,3 IV	o X Deput (illei			_ '' ''	ilia riyarology	163 <u>X</u> NO
Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and	,							21.1.1	
	Describe Rec	orded Data (stream g	auge, monito	oring well, aerial ph	otos, prev	lous inspe	ctions), if a	available: n/a	
	Remarks: Alti	hough no surface wat	er was prese	ent at the time of th	e delineat	ion, eviden	ice of surfa	ace soil cracks	indicate that the area ponds water and
		•	5.000			,	24.11		
		,							

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	o Sampling Date: 3.26.20	
Applicant/Owner: Pardee Homes				State: CA Sampling Point: SD3147	
Investigator(s): JR Sundberg, Raquel Atik		Section,	Township, R	Range: Section 31, T18S R01W	
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	, convex, none): concave Slope (%): 0-2	
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.558706610	03	Long: -117.01892848 Datum: NAD83	
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent sl	opes			NWI classification: Freshwater Emergent Wetlar	— าd
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	o (If no, explain in Remarks.)	
Are Vegetation X, Soil , or Hydrology				Are "Normal Circumstances" present? Yes X No	
Are Vegetation, Soil, or Hydrology				(If needed, explain any answers in Remarks.)	_
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important features, etc.	
Hydrophytic Vegetation Present? Yes	No X				
Hydric Soil Present? Yes	No X	I	ne Sampled	Yes No X	
Wetland Hydrology Present? Yes X	No	— with	nin a Wetland	d?	
, 0,		urbad dua ta i	noot land use	es. This feature was sampled during the growing season an	
does not meet the wetland criteria.	s been dist	urbea aue to p	pasi iand use	es. This leature was sampled during the growing season an	u
VEGETATION – Use scientific names of plants	i.				
T 0/ / (D) / (Absolute	Dominant	Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant Species	
2.				That Are OBL, FACW, or FAC: 1 (A)	
3.				Total Number of Dominant Species Across All Strata: 3 (B)	
4.				Percent of Dominant Species	
		= Total Cove		That Are OBL, FACW, or FAC: 33 (A/B)	
Sapling/Shrub Stratum (Plot size:)		. 510 5571			
1. none				Prevalence Index worksheet:	
2.				Total % Cover of: Multiply by:	
3.				OBL species10 x 1 =10	
4.				FACW species 2 x 2 = 4	
5				FAC species 0 x 3 = 0	
		= Total Cove	er	FACU species 22 x 4 = 88	
Herb Stratum (Plot size:)				UPL species1 x 5 =5	
Plagiobothrys acanthocarpus	10	Yes	OBL	Column Totals:35 (A)107(B)	
2. Erodium botrys	10	Yes	FACU	Prevalence Index = B/A = 3.1	
3. Festuca myuros	10	Yes	FACU		_
4. Bromus hordeaceus	1	No No	FACU	Hydrophytic Vegetation Indicators:	
5. Hedypnois cretica		No No	UPL	Dominance Test is >50%	
6. Spergularia bocconi	1	No No	FACW	Prevalence Index is ≤3.0¹	
7. Lamarckia aurea	1	No No	FACU	Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)	
8. Juncus bufonius	1	No Total Cay	FACW		
Woody Vine Stratum (Plot size:	35	= Total Cov	/ei	Problematic Hydrophytic Vegetation ¹ (Explain)	
				¹ Indicators of hydric soil and wetland hydrology must	
1. none 2.				be present, unless disturbed or problematic.	
2		- Total Cove			_
		= Total Cove	5 1	Hydrophytic Vegetation	
% Bare Ground in Herb Stratum65	ver of Biotic	Crust		Present? Yes No X	
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro		
predominance of hydrophytic vegetation, it does support					

SOIL Sampling Point: SD3147

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featι	ıres				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	e	Remarks
							-		-
									_
1			M 11 00 0			2			
•	centration, D=Depletion,					S. 7			ot Channel, M=Matrix.
Hydric Soil	Indicators: (Applica	ble to all LRI	Rs, unless other	vise note	d.)		Indicato	rs for Problemat	ic Hydric Soils ³ :
Histosol	(A1)		Sandy R	edox (S5))		1 cm	n Muck (A9) (LRR	C)
Histic Ep	ipedon (A2)		Stripped	Matrix (S	6)		2 cm	n Muck (A10) (LRi	R B)
Black Hi	stic (A3)		Loamy M	lucky Min	eral (F1)		Redu	uced Vertic (F18)	
	n Sulfide (A4)			Sleyed Ma				Parent Material (7	ΓF2)
	Layers (A5) (LRR C)		l Matrix (F				er (Explain in Rem	
	ck (A9) (LRR D)	,		ark Surfa	,			(
	Below Dark Surface	(Δ11)			rface (F7)				
	ark Surface (A12)	(7(1)		epression			3Indicato	rs of hydrophytic v	regetation and
				•	13 (1 0)				=
	lucky Mineral (S1)		vemai P	ools (F9)				nd hydrology mus	
Sandy G	ileyed Matrix (S4)						unies	ss disturbed or pro	blematic.
Restrictive L	.ayer (if present):								
Type:									
Depth (incl	nec).		_				Hydric Soil I	Present? Yes	s No X
Depti (inci			_				I lydlic Soil i	r resent: re-	NOX
HYDROLOG	Ϋ́								
	drology Indicators:						9	Secondary Indica	tors (2 or more required)
_		ao roquirod: o	shook all that apply	٨			<u> </u>		
	cators (minimum of or	ie requirea, c						Water Marks (E	, ,
X Surface			Salt Crust				_		osits (B2) (Riverine)
High Wa	iter Table (A2)		X Biotic Cru	st (B12)			_	Drift Deposits (B3) (Riverine)
_X_Saturation	on (A3)		Aquatic In	vertebrat	es (B13)		_	Drainage Patte	rns (B10)
Water M	larks (B1) (Nonriveri	ne)	Hydrogen	Sulfide C	dor (C1)			Dry-Season Wa	ater Table (C2)
	nt Deposits (B2) (Non				eres along l	Livina Ro	ots (C3)	Thin Muck Surf	
	posits (B3) (Nonriver	,		•	ed Iron (C4	-	_	Crayfish Burro	` '
		iile)			`	,			
	Soil Cracks (B6)				tion in Tilled	Solls (Ce	o) <u> </u>		ole on Aerial Imagery (C9)
Inundati	on Visible on Aerial Ir	nagery (B7)	Thin Muc		. ,		_	Shallow Aquita	` '
Water-S	tained Leaves (B9)		Other (Ex	plain in R	emarks)		_	FAC-Neutral To	est (D5)
Field Observ	rations:								
Surface Water		a V Na	o Donth (inch		1				
		es X No			<u> </u>	_			
Water Table			o X Depth (inch			_			
Saturation Pr		s X No	o Depth (inch	nes):	0	_ Wetla	ınd Hydrolo	gy Present?	Yes X No
(includes cap									
Describe Reco	orded Data (stream ga	auge, monitoi	ring well, aerial ph	otos, prev	ious inspec	ctions), if a	available:		
									iego fairy shrimp indicate
that the area p	onds water and supp	orts wetland	hydrology. Water	table leve	l and satura	ation are r	not known as	a soil pit was not	dug.

Project/Site: Southwest Village Specific Plan		City/Coun	ity: San Dieg	o, CA Sampling Date: April 23, 2019
Applicant/Owner: Pardee Homes				State: CA Sampling Point: VPHCP 3151
Investigator(s): Beth Procsal, Jamie Sue McBee		Section,	Township, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa top		Local rel	ief (concave,	convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat: 3	32.558519		Long: -117.018826 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in Remarks.)
Are Vegetation X, Soil , or Hydrology				
				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				
Hydrophytic Vegetation Present? Yes	No X		0	A
Hydric Soil Present? Yes	No X	ıs u	ne Sampled . nin a Wetland	Yes No X
Wetland Hydrology Present? Yes X	No	_ """	iii a vvotiaii	u.
Remarks: The majority of the vegetation on the site had does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to p	past land use	es. This feature was sampled during the growing season and
	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1. none				That Are OBL, FACW, or FAC: 0 (A)
2. 3.				Total Number of Dominant Species Across All Strata: 2 (P)
				Percent of Dominant Species (B)
*		= Total Cove		That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)		70101 0070	.,	
1. none				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species0 x 1 =0
4.				FACW species1 x 2 =2
5				FAC species 1 x 3 = 3
		= Total Cove	er	FACU species 20 x 4 = 80
Herb Stratum (Plot size:)				UPL species 1 x 5 = 5
1. Psilocarphus brevissimus		N	FACW	Column Totals:23 (A)90(B)
2. Deinandra fasciculata	<u>5</u>	Y	FACU	Prevalence Index = B/A = 3.9
Mesembryanthemum nodiflorum Bromus hordeaceus	5	Y	FACU FACU	Hydrophytic Vagetation Indicators:
Bromus hordeaceus Lepidium nitidum		N	FACU FAC	Hydrophytic Vegetation Indicators:
6. Glebionis coronaria	1	N	UPL	Dominance Test is >50% Prevalence Index is ≤3.0¹
7				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	23	= Total Cov	/er	X Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:				(,
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic Vegetation
	ver of Biotic			Present? Yes X No No
Remarks: Sample area is a vernal pool that receives ru predominately of hydrophytic vegetation, it does suppor				-watershed. In addition to the vernal pool consisting es (Psilocarphus brevissimus). Leaf litter is present in basin.

(Inches) Color (most) % Color (most) % Type Loc² Texture Remarks Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, D-Depleton, 1864-fleaued Matio, CS-Cowered or Coated Sand Grains. Type: C-Concentration, 1864-fleaued Matio, CS-Cowered or Coated Matio, 1864-fleaued Matio, 1872-fleaued Matio,	Depth	Matrix		Re	dox Featu	ıres			
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Biack Histic (A3) Loamy Mucky Mineral (F1) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A9) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Reduc	(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Biack Histic (A3) Loamy Mucky Mineral (F1) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A9) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Reduc				, , ,					
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Biack Histic (A3) Loamy Mucky Mineral (F1) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A9) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Reduc									
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Biack Histic (A3) Loamy Mucky Mineral (F1) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A9) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Reduc									
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Biack Histic (A3) Loamy Mucky Mineral (F1) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A9) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Reduc								-	_
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Histosol (A1) Sandy Redox (S5) Hydrogen Sulfide (A2) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Loamy Gleyed Matrix				_					
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Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Histosol (A1) Sandy Redox (S5) Hydrogen Sulfide (A2) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Loamy Gleyed Matrix									
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Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Biack Histic (A3) Loamy Mucky Mineral (F1) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Hydrogen Sulfide (A9) Loamy Gleyed Matrix (F2) Reduced Vertic (F18) Reduc									
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Histosol (A1) Sandy Redox (S5) 1 cm Muck (A9) (LRR C) Histic Epipadon (A2) Shipped Matrix (S6) 2 cm Muck (A9) (LRR B) Black Histic (A3) Loarny Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loarny Cleyed Matrix (F2) Red Parent Material (TF2) Stratified Layers (A5) (LRR C) Depleted Matrix (F2) The Muck (A9) (LRR D) Redox Dark Surface (F3) Depleted Matrix (F2) Depleted Matrix (F2) Thick Dark Surface (A11) Depleted Dark Surface (F3) Depleted Dark Surface (F1) Thick Dark Surface (A12) Redox Depressions (F8) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) "Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes No_X Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be considered a wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY Wetland Hydrology Indicators: Burdace Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Rivorine) High Water Table (A2) Biotic Crust (B12) Drift Deposits (B3) (Riverine) Surface Water (A1) Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Sediment Deposits (B2) (Nonriverine) Presence of Reduced Iron (C4) Shallow Aquitard (C3) Shallow Aquitard (C3) Shallow Aquitard (C3) Hydrogen Shallow Applications: Surface Water Present? Yes No X Depth (inches): Water Marks (B1) (Nonriverine) Presence of Reduced Iron (C4) Shallow Aquitard (C3) Shallow Aquitard (C3) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Marks (B1) (G2) Shallow Aquitard (C3) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Marks (B1) (G2) Sediment Deposits (C6) Shallow Aquitard (C3) FAC-Neutral Test (D5) Field Observations: Water Marks (B1) (G2) Shallow Present? Yes No X Depth (inches): Wat	Hydric Soil	Indicators: (Applica	ble to all LR	Rs, unless other	vise note	d.)		Indicators	for Problematic Hydric Soils ³ :
Histic Epipedon (A2)		,				•			•
Black Histic (A3)		` '			` '				, , ,
Hydrogen Sulfide (Ae) Stratified Layers (A5) (LRR C) Depleted Matrix (F2) Depleted Below Dark Surface (A1) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Redox Dark Surface (F7) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Redox Dark Surface (F8) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Redox Depressions (F8) "Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Depth (inches): Peth sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be considered a wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY Wetland Hydrology Indicators: Secondary Indicators (2 or more required) Primary Indicators (minimum of one required; check all that apply) Water Marks (B1) (Riverine) Surface Water (A1) Salt Crust (B12) Drift Deposits (B2) (Riverine) Surface Water (A1) Salt Crust (B12) Drift Deposits (B3) (Riverine) Surface Water (A1) Salt Crust (B12) Drift Deposits (B3) (Riverine) Surface (B2) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Thin Muck Surface (C7) Drift Deposits (B2) (Nonriverine) Drift Deposits (B2) (Nonriverine) Drift Deposits (B2) (Nonriverine) Drift Deposits (B2) (Nonriverine) Presence of Reduced Iron (C4) Carylish Burrows (C8) X Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9) Inuddition Visible on Aerial Imagery (C9) Thin Muck Surface (C7) Shallow Aquitard (D3) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches): Wetland Hy					•	,			
Startified Layers (AS) (LRR C)	Black Hi	istic (A3)		Loamy N	∕lucky Min	eral (F1)			
Startified Layers (AS) (LRR C)	Hydroge	en Sulfide (A4)		Loamy G	Sleyed Ma	trix (F2)		Red Pa	arent Material (TF2)
1 cm Muck (A9) (LRR D)	Stratified	d Lavers (A5) (LRR C)	Depleted	l Matrix (F	3)			
Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Versal Pools (F9) Wetland Hydrology must be present, unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes No X Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be considered a wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY Wetland Hydrology Indicators: Secondary Indicators (2 or more required) Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Solution (A3) Aguatic Invertebrates (B13) Dariange Pattems (B10) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Drift Deposits (B2) (Nonriverine) Drift Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (B7) Influxed Surface (C77) Saturation Visible on Aerial Imagery (B7) Influxed Surface (C77) Shallow Aquitaria (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (,		,	,			(2/1/18)
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Sandy Mucky Mineral (S1)			(A11)			` ,		0	
Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be considered a wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Surface Water (A1) Surface Water (A1) Surface Water (A2) Biotic Crust (B12) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Wetland Hydrology Present? Yes No Wetland Hydrology Present? Yes No Wetland Hydrology Present? Yes No Wetland Hydrology Present? Yes No Wetland Hydrology Present? Yes No Wetland Hydrology Present? Yes No Wetland Hydrology Present? Yes No Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No Subpth (inches): Wetland Hydrology Present? Yes No				Redox D	epressior	ıs (F8)			
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Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes No _X Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be considered a wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Biotic Crust (B12) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drainage Patterns (B10) Drainage Patterns (B10) Drainage Patterns (B10) Drainage Patterns (B10) Sediment Deposits (B2) (Nonriverine) Drainage Patterns (B10) Drainage	Sandy G	Bleved Matrix (S4)		<u>—</u>				unless	disturbed or problematic.
Type: Depth (inches): Depth (i									'
Depth (inches):	Restrictive I	_ayer (if present):							
Remarks: The sampled area supports a predominance of upland vegetation and does not meet the hydrophytic vegetation standard to be considered a wetland. Therefore, no soil pit was dug and hydric soils are not considered to be present. HYDROLOGY Wetland Hydrology Indicators: Secondary Indicators (2 or more required) Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Sediment Deposits (B2) (Riverine) Prift Deposits (B2) (Riverine) Saturation (A3) Aquatic Invertebrates (B13) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Drift Deposits (B2) (Nonriverine) Presence of Reduced Iron (C4) Sediment Deposits (B2) (Nonriverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Mater-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a	Type:								
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### Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)	Deput (inci			_				l lydlic 30ii Fil	esent: TesNOX
Wetland Hydrology Indicators: Secondary Indicators (2 or more required) Primary Indicators (minimum of one required; check all that apply)									
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Saturation (A3)	Surface	Water (A1)		Salt Crust	t (B11)				Sediment Deposits (B2) (Riverine)
Water Marks (B1) (Nonriverine)	High Wa	ater Table (A2)		Biotic Cru	st (B12)				Drift Deposits (B3) (Riverine)
Water Marks (B1) (Nonriverine)	Saturati	on (A3)		Aguatic Ir	vertebrat	es (B13)		'	Drainage Patterns (B10)
Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) X Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Field Observations: Surface Water Present? Yes No No Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No No Saturation Present? Yes No Saturation Pres		` '	no)			,			. ,
Drift Deposits (B3) (Nonriverine)									• • • • • • • • • • • • • • • • • • • •
X Surface Soil Cracks (B6)	Sedime	nt Deposits (B2) (Nor	riverine)	Oxidized	Rhizosphe	eres along	Living Roo	ots (C3)	Thin Muck Surface (C7)
X Surface Soil Cracks (B6)	Drift De	posits (B3) (Nonriver	ine)	Presence	of Reduc	ed Iron (C4	1)		Crayfish Burrows (C8)
Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Wetland Hydrology Present? Yes X No (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a	· —	. , , ,	•	Recent In	on Reduct	ion in Tille	d Soils (C	6)	
Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and		, ,	magam: /D=\						•
Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and			nagery (B7)						•
Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and	Water-S	Stained Leaves (B9)		Other (Ex	plain in R	emarks)			FAC-Neutral Test (D5)
Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and	Field Obser								
Water Table Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and	1								
Saturation Present? Yes No X Depth (inches): Wetland Hydrology Present? Yes X No (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and	Surface Wate	er Present? Ye	es N	lo <u>X</u> Depth (inch	nes):		_		
Saturation Present? Yes No X Depth (inches): Wetland Hydrology Present? Yes X No (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and	Water Table	Present? Ye	es N	lo X Depth (inch	nes):				
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and	Saturation Pr						— Wetla	and Hydrology	Present? Yes X No
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: n/a Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and			,3 IV	o X Deput (illei			_ '' ''	ilia riyarology	163 <u>X</u> NO
Remarks: Although no surface water was present at the time of the delineation, evidence of surface soil cracks indicate that the area ponds water and	,							21.1.1	
	Describe Rec	orded Data (stream g	auge, monito	oring well, aerial ph	otos, prev	lous inspe	ctions), if a	available: n/a	
	Remarks: Alti	hough no surface wat	er was prese	ent at the time of th	e delineat	ion, eviden	ice of surfa	ace soil cracks	indicate that the area ponds water and
		•	5.550			,	24.11		
		,							

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	o Sai	mpling Date: 3.26.20
Applicant/Owner: Pardee Homes				State: CA Sai	mpling Point: 3152
Investigator(s): JR Sundberg, Raquel Atik		Section,	Township, R	ange: Section 31, T18S R01\	N
Landform (hillslope, terrace, etc.): mesa top		Local rel	lief (concave,	convex, none): concave	Slope (%): 0-2
Subregion (LRR): C - Mediterranean California	Lat: 3	 32.55845047	38	Long: -117.018503279	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s				-	Freshwater Emergent Wetland
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in Rer	marks.)
Are Vegetation X, Soil , or Hydrology	signifi	icantly disturb	ed?	 Are "Normal Circumstances" p	resent? Yes X No
Are Vegetation Soil , or Hydrology				If needed, explain any answer	rs in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poi	nt locations	s, transects, important fe	atures, etc.
Hydrophytic Vegetation Present? Yes	No X			_	
Hydric Soil Present? Yes	No X	is u	ne Sampled nin a Wetlan	VΔC	No X
Wetland Hydrology Present? Yes X	No		iiii a vvetiaii	u:	
Remarks: The majority of the vegetation on the site had does not meet the wetland criteria. VEGETATION – Use scientific names of plants		urbed due to	past land use	s. This leature was sampled u	uning the growing season and
	Absolute	Dominant	Indicator	Dominance Test workshee	et:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Specie	
1. <u>none</u> 2.				That Are OBL, FACW, or FA Total Number of Dominant	AC: <u>0</u> (A)
3.				Species Across All Strata:	2 (B)
4.				Percent of Dominant Specie	es`` /
		= Total Cove	er	That Are OBL, FACW, or FA	AC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)					
1. none				Prevalence Index workshe	et:
2				Total % Cover of:	Multiply by:
3				OBL species 0	_ x 1 =0
4				FACW species 0	_ x 2 =0
5				FAC species 0 FACU species 10	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Herb Stratum (Plot size:)		= Total Cove	er	FACU species 10 UPL species 5	$\begin{array}{ccc} & x & 4 & = & & 40 \\ & x & 5 & = & & 25 \end{array}$
1. Erodium botrys	10	Yes	FACU	Column Totals: 15	- (A) 65 (B)
2. Bromus diandrus	5	Yes	UPL	Column rotals.	_ (//)(B)
3				Prevalence Index = E	3/A = <u>4.3</u>
4.				Hydrophytic Vegetation In	dicators:
5				Dominance Test is >5	50%
6				Prevalence Index is ≤	3.01
7					ations ¹ (Provide supporting r on a separate sheet)
8	15	= Total Cov			,
Woody Vine Stratum (Plot size:)		- Total Cov	/ei	Problematic Hydrophy	ytic Vegetation¹ (Explain)
1 none				¹ Indicators of hydric soil an	d wetland hydrology must
				be present, unless disturbe	
		= Total Cove	er	Hydrophytic	
% Bare Ground in Herb Stratum85 % Co	ver of Biotic	Crust		Vegetation Present? Yes_	NoX
Remarks: Sample area is a vernal pool that receives ru	noff from a	relatively sma	all local micro	-watershed. No ACOE vernal p	pool plant indicator species
were present within the basin.					

SOIL Sampling Point: 3152

Profile Desc	cription: (Describe to	the depth nee	ded to docum	ent the ind	licator or	confirm t	the absen	ce of indicato	ors.)	
Depth	Matrix			edox Featu			_			
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	Text	ure	Remarks	
				· ——						
l ———										
l ——										
¹ Type: C=Co	ncentration, D=Depletion	, RM=Reduced M	atrix, CS=Covere	d or Coated	Sand Grains	s. ²	Location: Pl	L=Pore Lining, R	RC=Root Channel, M=	Matrix.
Hydric Soil	Indicators: (Applica	ble to all LRRs	s, unless othe	rwise note	d.)		Indica	tors for Prob	lematic Hydric So	ils³:
Histoso	I (A1)		Sandy	Redox (S5)			1	cm Muck (A9)	(LRR C)	
Histic E	pipedon (A2)		Strippe	d Matrix (S6	6)		2	cm Muck (A10) (LRR B)	
Black H	listic (A3)		Loamy	Mucky Mine	eral (F1)		R	educed Vertic	(F18)	
Hydrog	en Sulfide (A4)		Loamy	Gleyed Mat	trix (F2)		Re	ed Parent Mate	erial (TF2)	
Stratifie	d Layers (A5) (LRR C	;)	Deplete	d Matrix (F	3)		Ot	ther (Explain ir	n Remarks)	
1 cm M	uck (A9) (LRR D)		Redox	Dark Surfac	e (F6)					
Deplete	d Below Dark Surface	e (A11)	Deplete	d Dark Sur	face (F7)					
Thick D	ark Surface (A12)		Redox	Depression	s (F8)		³ Indica	ators of hydrop	hytic vegetation an	d
Sandy I	Mucky Mineral (S1)		Vernal	Pools (F9)			we	tland hydrolog	gy must be present,	
Sandy	Gleyed Matrix (S4)						un	less disturbed	or problematic.	
Restrictive	Layer (if present):									
Type:	, , ,									
Depth (inc	:hes):						Hvdric Sc	oil Present?	Yes I	No X
							,			
	he sampled area sup erefore, no soil pit was						t the nyard	opnytic vegeta	tion standard to be	considered a
welland. The	erelore, no son pit was	s dug and nyund	solis ale noi c	orisidered t	o ne prese	71 IL.				
HYDROLO	GY									
Wetland H	ydrology Indicators:							Secondary I	ndicators (2 or mo	ore required)
Primary Ind	icators (minimum of c	ne required; ch	eck all that app	ly)				Water Ma	arks (B1) (Riverine)
Surface	Water (A1)	•	Salt Crus	st (B11)					t Deposits (B2) (Riv	
	ater Table (A2)			ust (B12)					osits (B3) (Riverine	•
X Saturat	` ,		X Aquatic	` ,	e (B13)				Patterns (B10)	-,
	Marks (B1) (Nonriver i	ino)		n Sulfide O	` '				son Water Table (C	2)
						Livina Do	oto (C2)		· · · · · · · · · · · · · · · · · · ·	۷)
l —	ent Deposits (B2) (No	· ·		Rhizosphe	_		ois (C3)		ck Surface (C7)	
l —	eposits (B3) (Nonrive	ine)		e of Reduce	-	•	۵)		Burrows (C8)	(00)
l —	e Soil Cracks (B6)			ron Reducti		d Solls (C	6)		n Visible on Aerial l	magery (C9)
l ——	tion Visible on Aerial I	magery (B7)		ck Surface (-			· · · · · · · · · · · · · · · · · · ·	Aquitard (D3)	
Water-S	Stained Leaves (B9)		Other (E	xplain in Re	emarks)			FAC-Neu	utral Test (D5)	
Field Obser	vations:									
Surface Wat	ter Present? Y	es No _	X Depth (inc	ches):						
Water Table	Present? Y	es No	Depth (inc	ches):						
Saturation P		es No _					and Hvdro	logy Present	? Yes X I	No
	pillary fringe)			, 					·	
Describe Rec	corded Data (stream g	auge, monitorin	ıg well, aerial p	hotos, previ	ous inspec	ctions), if	available:			
			•		-	•				
	though no surface wa	•						•	•	
	ted within this pool. Th					•		nmature fairy s	hrimp indicate that	the area
supports wetl	and hydrology. Water	table level and	saturation are	not known a	as a soil pi	ι was not	aug.			
									4 : 134/ (3/	



Drainages

Project/Site: Southwest Village			City/Coun	ty: San Dieg	o, CA	_Sampling Da	ate: 03/15/2018	3
Applicant/Owner: Pardee Homes					State: CA	_Sampling Po	oint: A(1)	
Investigator(s): Beth Procsal, JR Sundi	berg		Section,	Township, F	Range: Section 31, T18S	R01W		
Landform (hillslope, terrace, etc.): Drain	nage		Local rel	ief (concave	, convex, none): concave		Slope (%): <u>0-2</u>	
Subregion (LRR): LRR-C		Lat:	32.56101		Long: -117.02230	Da	atum: NAD83	
Soil Map Unit Name: Olivenhain cobby	y loam, 30 to 50	percent slop	es		NWI classificati	on: R4SBA riv	verine	
Are climatic / hydrologic conditions on t	he site typical fo	r this time o	f year? Yes	x No	o(If no, explain ir	n Remarks.)		
Are Vegetation, Soil,	or Hydrology _	signif	icantly disturb	ed? No	Are "Normal Circumstanc	es" present? \	/es x No	
Are Vegetation, Soil,	or Hydrology _	natur	ally problemat	ic? No	(If needed, explain any ar	swers in Rem	arks.)	
SUMMARY OF FINDINGS – Attac	ch site map sh	nowing sa	mpling poir	nt location	s, transects, importar	nt features, e	etc.	
Hydrophytic Vegetation Present?	Yes	No x						
Hydric Soil Present?	Yes	No x		ne Sampled	Yes	No	Х	
Wetland Hydrology Present?	Yes	No x	— with	nin a Wetlan	a? —			
Remarks: Sample point along Draina	πο Δ							
VEGETATION – Use scientific na	<u> </u>	Absolute	Dominant	Indicator	Dominance Test work	sheet:		
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant S		0 (4	• >
2.					That Are OBL, FACW,		<u> </u>	٦)
3.					Total Number of Domir Species Across All Stra		2 (5	٥١
4.					Percent of Dominant S		<u>3</u> (E	٥)
			= Total Cove		That Are OBL, FACW,	or FAC:	(A	4/B)
Sapling/Shrub Stratum (Plot size:)							
1. Simmondsia chinensis		5	Υ	UPL	Prevalence Index wor	ksheet:		
2. Rhus integrifolia		5	Y	UPL	Total % Cover of:	M	ultiply by:	
3.					OBL species 0	x 1 =	0	
4.					FACW species0	x 2 =	0	
5					FAC species 1		3	
		10	= Total Cove	er	FACU species1		4	
Herb Stratum (Plot size:)				· —	x 5 =	30	
1. Amsinckia sp.		5	N	UPL	Column Totals: 8	(A)	37 (B))
2. Bromus diandrus		5	N	UPL	Prevalence Inde	ex = B/A = <u>4.62</u>	5	
3. Claytonia perfoliata		3	N	FAC				
4. Carduus pycnocephalus		5	N	UPL_	Hydrophytic Vegetati			
Marah macrocarpa Parietaria hespera		<u><1</u> 8	N 	UPL FACU	Dominance Test			
7					Prevalence Inde: Morphological Ad		ouida aumantin	. ~
8.						rks or on a ser		ıg
O		27	= Total Cov	er	Problematic Hyd		,	١
Woody Vine Stratum (Plot size:)		10101 001	O.	i iobiematic riyu	iopilytic veget	ation (Explain)	,
1.					¹ Indicators of hydric so	oil and wetland	l hvdroloav mus	st
2.					be present, unless dis	turbed or prob	lematic.	
		0	= Total Cove	er	Hydrophytic			
% Bare Ground in Herb Stratum	30 % Co	over of Biotic		0	Vegetation	'es	No x	
Remarks: Leaf litter is present								
·								

SOIL Sampling Point: A(1)

Depth (inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu	re	Remar	ks
			,							
				_						
				_						
				_						
Type: C=Cor	ncentration, D=Depletion	, RM=Reduce	d Matrix, CS=Cove	ed or Coated	Sand Grair	ns. ² L	ocation: PL=	Pore Lining, RC	=Root Channel,	M=Matrix.
lydric Soil	Indicators: (Applica	ble to all LF	RRs, unless other	erwise note	ed.)		Indicate	ors for Proble	matic Hydric	Soils ³ :
Histosol	(A1)		Sandy	Redox (S5))		1 cr	m Muck (A9) (LRR C)	
— Histic E	oipedon (A2)			ed Matrix (S				m Muck (A10)		
	istic (A3)		Loamy	/ Mucky Min	neral (F1)			duced Vertic (F		
— Hydroge	en Sulfide (A4)		Loamy	Gleyed Ma	atrix (F2)		Rec	l Parent Mate	rial (TF2)	
Stratified	d Layers (A5) (LRR 0	;)	Deplet	ed Matrix (F	- 3)		Oth	er (Explain in	Remarks)	
1 cm Mu	uck (A9) (LRR D)		Redox	Dark Surfa	ce (F6)					
Deplete	d Below Dark Surface	e (A11)	Deplet	ed Dark Su	rface (F7)					
Thick Da	ark Surface (A12)		Redox	Depression	ns (F8)		3Indicate	ors of hydroph	ytic vegetation	and
Sandy N	/lucky Mineral (S1)		Verna	Pools (F9)				, ,,	must be prese	ent,
Sandy C	Gleyed Matrix (S4)						unle	ss disturbed o	r problematic.	
	Layer (if present):									
estrictive l	Layer (ii present).									
Restrictive I Type:	Layer (ii present).									
Type: Depth (incl		no hydrophy	ytic vegetation wa	as present.			Hydric Soil	Present?	Yes	No <u>x</u>
Type: Depth (incl Remarks: S	nes):oit pit was not dug as	no hydrophy	ytic vegetation wa	as present.			Hydric Soil	Present?	Yes	No_x
Type: Depth (incl Remarks: So	hes): oit pit was not dug as		— wtic vegetation wa	as present.						
Type: Depth (incl Remarks: So /DROLOG Wetland Hy	hes): oit pit was not dug as GY rdrology Indicators:		-					Secondary In	dicators (2 or	more require
Type: Depth (incl Remarks: So CDROLOG Wetland Hy Primary Indi	hes): oit pit was not dug as oit pit was not dug as		check all that ap	ply)				Secondary In Water Mai	dicators (2 or	more require
Type: Depth (incl demarks: So 'OROLOG Wetland Hy Primary IndiSurface	hes):		check all that ap	ply) ust (B11)				Secondary In Water Mai	dicators (2 or ks (B1) (River Deposits (B2)	more requirine)
Type: Depth (incl Remarks: So /DROLOG Wetland Hy Primary IndiSurfaceHigh Wa	oit pit was not dug as of y ordrology Indicators: cators (minimum of or Water (A1) ater Table (A2)		check all that apSalt CriBiotic C	ply) ust (B11) crust (B12)	es (B13)			Secondary In Water Mar X Sediment Drift Depo	dicators (2 or ks (B1) (River Deposits (B2) sits (B3) (Rive	more require ine) (Riverine)
Type: Depth (incl Remarks: So /DROLOG /OROLOG /O	hes):oit pit was not dug as oit pit was not dug as of control of pit was not dug as of control of cont	ne required;	check all that ap Salt Cri Biotic C	ply) ust (B11) trust (B12) Invertebrate				Secondary In Water Mar X Sediment Drift Depo Drainage I	dicators (2 or ks (B1) (River Deposits (B2) sits (B3) (Rive Patterns (B10)	more requir ine) (Riverine) rine)
Type: Depth (incl Remarks: So /DROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water M	hes):	ne required;	check all that apSalt CriBiotic CAquaticHydrog	ply) ust (B11) trust (B12) Invertebrati en Sulfide C	Odor (C1)		\\ \frac{1}{2} \\ \fr	Secondary In Water Mar X Sediment Drift Depo Drainage I Dry-Seaso	dicators (2 or rks (B1) (River Deposits (B2) sits (B3) (Rive Patterns (B10) on Water Table	more require ine) (Riverine) rine)
Type: Depth (incl Remarks: So YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedime	hes):	ne required; ine) nriverine)	check all that ap Salt Cri Biotic C Aquatic Hydrog Oxidize	ply) ust (B11) rust (B12) Invertebrate en Sulfide C d Rhizospho	Odor (C1) eres along	Living Roc	\\ \frac{1}{2} \\ \fr	Secondary In Water Mar X Sediment Drift Depo Drainage I Dry-Seaso Thin Muck	dicators (2 or rks (B1) (River Deposits (B2) sits (B3) (Rive Patterns (B10) on Water Table Surface (C7)	more require ine) (Riverine) rine)
Type: Depth (incl Remarks: So YDROLOG Wetland Hy Primary Indi Surface High Water M Sedime Drift De	hes): oit pit was not dug as ordrology Indicators: cators (minimum of company) water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver) nt Deposits (B2) (Nonriver) posits (B3) (Nonriver)	ne required; ine) nriverine)	check all that ap Salt Cri Biotic C Aquatic Hydrog Oxidize Presen	ply) ust (B11) trust (B12) Invertebrate en Sulfide C d Rhizosphe ce of Reduc	Odor (C1) eres along ed Iron (C	Living Roc 4)		Secondary In Water Mai X Sediment Drift Depo Drainage I Dry-Seaso Thin Muck Crayfish B	dicators (2 or rks (B1) (River Deposits (B2) sits (B3) (Rive Patterns (B10) on Water Table s Surface (C7) urrows (C8)	more require ine) (Riverine) rine)
Type:	hes):	ne required; ine) nriverine)	check all that ap Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent	ply) Just (B11) Frust (B12) Invertebrate en Sulfide C d Rhizosphe ce of Reduc	Odor (C1) eres along ed Iron (C tion in Tille	Living Roc 4)		Secondary In Water Mar X Sediment Drift Depo Drainage I Dry-Seasc Thin Muck Crayfish B Saturation	dicators (2 or ks (B1) (River Deposits (B2) sits (B3) (Rive Patterns (B10) on Water Table Surface (C7) urrows (C8) Visible on Aer	more requirence (Riverine) rine) (C2)
Type: Depth (incl Remarks: So TOROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water N Sedime Drift De Surface Inundati	hes):	ne required; ine) nriverine)	check all that ap Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mu	ply) ust (B11) Frust (B12) Invertebrate en Sulfide C d Rhizosphe ce of Reduct Iron Reduct uck Surface	Odor (C1) eres along ed Iron (C tion in Tille (C7)	Living Roc 4)		Secondary In Water Mai X Sediment Drift Depo Drainage I Dry-Seaso Thin Muck Crayfish B Saturation Shallow A	dicators (2 or ks (B1) (River Deposits (B2) (River Patterns (B10) on Water Tables Surface (C7) (C8) Visible on Aerquitard (D3)	more requir ine) (Riverine) rine)
Type:	hes):	ne required; ine) nriverine)	check all that ap Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mu	ply) Just (B11) Frust (B12) Invertebrate en Sulfide C d Rhizosphe ce of Reduc	Odor (C1) eres along ed Iron (C tion in Tille (C7)	Living Roc 4)		Secondary In Water Mai X Sediment Drift Depo Drainage I Dry-Seaso Thin Muck Crayfish B Saturation Shallow A	dicators (2 or ks (B1) (River Deposits (B2) sits (B3) (Rive Patterns (B10) on Water Table Surface (C7) urrows (C8) Visible on Aer	more requir ine) (Riverine) rine)
Type:	oit pit was not dug as vidrology Indicators: cators (minimum of compared to the cators (B1) (Nonriver on (B3) (Nonriver	ne required; ine) nriverine)	check all that ap Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mu	ply) ust (B11) Frust (B12) Invertebrate en Sulfide C d Rhizosphe ce of Reduct Iron Reduct uck Surface	Odor (C1) eres along ed Iron (C tion in Tille (C7)	Living Roc 4)		Secondary In Water Mai X Sediment Drift Depo Drainage I Dry-Seaso Thin Muck Crayfish B Saturation Shallow A	dicators (2 or ks (B1) (River Deposits (B2) (River Patterns (B10) on Water Tables Surface (C7) (C8) Visible on Aerquitard (D3)	more requirence (Riverine) rine) (C2)
Type:	hes): oit pit was not dug as of varional indicators: cators (minimum of composits (B1) (Nonriver) nt Deposits (B3) (Nonriver) Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) vations: er Present?	ine required; ine) inriverine) rine) magery (B7)	check all that ap Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mo Other (i	ply) Just (B11) Frust (B12) Invertebrate en Sulfide C d Rhizosphe ce of Reduct Iron Reduct Juck Surface Explain in Reduct Juck Surface	Odor (C1) eres along ed Iron (C tion in Tille (C7)	Living Roc 4)		Secondary In Water Mai X Sediment Drift Depo Drainage I Dry-Seaso Thin Muck Crayfish B Saturation Shallow A	dicators (2 or ks (B1) (River Deposits (B2) (River Patterns (B10) on Water Tables Surface (C7) (C8) Visible on Aerquitard (D3)	more require ine) (Riverine) rine)
Type: Depth (incl Remarks: So YDROLOG Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedime Drift De Surface Inundati Water-S Field Obser Surface Water	hes): oit pit was not dug as of varional indicators: cators (minimum of composits (B1) (Nonriver) nt Deposits (B3) (Nonriver) Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) vations: er Present?	ine required; ine) inriverine) rine) magery (B7)	check all that ap Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mo	ply) Just (B11) Frust (B12) Invertebrate en Sulfide C d Rhizosphe ce of Reduct Iron Reduct Juck Surface Explain in Reduct Juck Surface	Odor (C1) eres along ed Iron (C tion in Tille (C7)	Living Roc 4)		Secondary In Water Mai X Sediment Drift Depo Drainage I Dry-Seaso Thin Muck Crayfish B Saturation Shallow A	dicators (2 or ks (B1) (River Deposits (B2) (River Patterns (B10) on Water Tables Surface (C7) (C8) Visible on Aerquitard (D3)	more requirence (Riverine) rine) (C2)
Type: Depth (incl Remarks: So YDROLOG Wetland Hy Primary Indi Surface High Water Mater Mater Mater Mater Sedime Drift De Surface Inundati Water-S Gield Obser Surface Water Table Saturation Po	hes): oit pit was not dug as oit pit was not dug as ordrology Indicators: cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (Non posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) vations: er Present? Y Present? Y	ine required; ine) nriverine) rine) magery (B7) es N	check all that ap Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mo Other (i	ply) ust (B11) ust (B12) Invertebrate en Sulfide C d Rhizosphe ce of Reduct lron Reduct uck Surface Explain in R	Odor (C1) eres along ed Iron (C tion in Tille (C7)	Living Roc 4) d Soils (C6	ots (C3)	Secondary In Water Mai X Sediment Drift Depo Drainage I Dry-Seaso Thin Muck Crayfish B Saturation Shallow A	dicators (2 or ks (B1) (River Deposits (B2) sits (B3) (River Patterns (B10) on Water Tables Surface (C7) surrows (C8) Visible on Aer quitard (D3) ral Test (D5)	more requir ine) (Riverine) rine) (C2)
Type:	hes): oit pit was not dug as oit pit was not dug as ordrology Indicators: cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (Non posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) vations: er Present? Y Present? Y Present? Y Present? Y Present? Y Present? Y Present? Y Present? Y Present? Y Present? Y Present? Y Present? Y	ine) ine) inei) inei) magery (B7) es N es N	check all that ap Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mi Other (I	ply) Just (B11) Frust (B12) Invertebrate en Sulfide C d Rhizosphe ce of Reduct Iron Reduct Juck Surface Explain in Reduct aches): Juches): Juches):	Odor (C1) eres along red Iron (C tion in Tille (C7) emarks)	Living Roc 4) d Soils (C6	ots (C3)	Secondary In Water Mai X Sediment Drift Depo Drainage I Dry-Seasc Thin Muck Crayfish B Saturation Shallow A FAC-Neut	dicators (2 or ks (B1) (River Deposits (B2) sits (B3) (River Patterns (B10) on Water Tables Surface (C7) surrows (C8) Visible on Aer quitard (D3) ral Test (D5)	more required ine) (Riverine) rine) (C2) ial Imagery (C
Type: Depth (incl Remarks: So Primary Indi Surface High Water Mater Mater Mater Mater Mater Sedime Drift De Surface Inundati Water-Serield Observious Water Table Baturation Princludes cap	hes): oit pit was not dug as oit pit was not dug as ordrology Indicators: cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (Non posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) vations: er Present? Y Present? Y	ine) ine) inei) inei) magery (B7) es N es N	check all that ap Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mi Other (I	ply) Just (B11) Frust (B12) Invertebrate en Sulfide C d Rhizosphe ce of Reduct Iron Reduct Juck Surface Explain in Reduct aches): Juches): Juches):	Odor (C1) eres along red Iron (C tion in Tille (C7) emarks)	Living Roc 4) d Soils (C6	ots (C3)	Secondary In Water Mai X Sediment Drift Depo Drainage I Dry-Seasc Thin Muck Crayfish B Saturation Shallow A FAC-Neut	dicators (2 or ks (B1) (River Deposits (B2) sits (B3) (River Patterns (B10) on Water Tables Surface (C7) surrows (C8) Visible on Aer quitard (D3) ral Test (D5)	more requir ine) (Riverine) rine) (C2)
Type:	hes):	ine) ine) ine) ine) ine) magery (B7) es N es N auge, monito	check all that ap Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mi Other (I	ply) Just (B11) Just (B12) Just (B13) Odor (C1) eres along ed Iron (C tion in Tille (C7) emarks)	Living Rood 4) d Soils (C6	ots (C3) - ots (C3) -	Secondary In Water Mai X Sediment Drift Depo Drainage I Dry-Seasc Thin Muck Crayfish B Saturation Shallow Ai FAC-Neut	dicators (2 or ks (B1) (River Deposits (B2) sits (B3) (River Patterns (B10) on Water Tables Surface (C7) currows (C8) Visible on Aer quitard (D3) ral Test (D5)	more requir ine) (Riverine) rine) (C2)	
Type:	hes): oit pit was not dug as oit pit was not dug as ordrology Indicators: cators (minimum of or Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (Non posits (B3) (Nonriver Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) vations: er Present? Y Present? Y Present? Y Present? Y Present? Y Present? Y Present? Y Present? Y Present? Y Present? Y Present? Y Present? Y	ine) ine) ine) ine) ine) magery (B7) es N es N auge, monito	check all that ap Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mi Other (I	ply) Just (B11) Just (B12) Just (B13) Odor (C1) eres along ed Iron (C tion in Tille (C7) emarks)	Living Rood 4) d Soils (C6	ots (C3) - ots (C3) -	Secondary In Water Mai X Sediment Drift Depo Drainage I Dry-Seasc Thin Muck Crayfish B Saturation Shallow Ai FAC-Neut	dicators (2 or ks (B1) (River Deposits (B2) sits (B3) (River Patterns (B10) on Water Tables Surface (C7) currows (C8) Visible on Aer quitard (D3) ral Test (D5)	more requirine) (Riverine) rine) (C2)	

Project/Site: Southwest Village			City/Coun	ty: San Dieg	0	Sampling Dat	e: 03/15/18
Applicant/Owner: Pardee Homes					State: CA	Sampling Poi	nt: A(2)
Investigator(s): B. Procsal, JR Sundbe	erg		Section,	Township, F	Range: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): Dra	inage		Local rel	ief (concave	, convex, none): concave	SI	lope (%): 0-2
Subregion (LRR): LRR-C		Lat:	 32.56111		Long: -117.02076	 Da ^t	tum: NAD83
Soil Map Unit Name: Olivenhain cobl	by loam, 30 to 50	percent slop				ion: R4SBA Riv	verine
Are climatic / hydrologic conditions on				X No	o (If no. explain i	n Remarks.)	
Are Vegetation, Soil			-			•	es X No
Are Vegetation, Soil					(If needed, explain any ar		
					,		,
SUMMARY OF FINDINGS – Atta	ich site map sh	owing sa	mpling poir	nt location	s, transects, importar	ıt features, et	.c.
Hydrophytic Vegetation Present?	Yes	No X					
Hydric Soil Present?	Yes	No X		ne Sampled	Yes	No	Χ
Wetland Hydrology Present?	Yes	No X	— with	nin a Wetlan	a? —		
Remarks: Sample point at upstream	heainning (nick n	oint) of Drai	inage A				
remarke. Cample point at apoticam	beginning (more p	onity of Brai	ilago / t				
VEGETATION - Use scientific n	ames of plants	3.					
Troo Stratum (Plot size:	,	Absolute	Dominant Species?	Indicator	Dominance Test worl		
Tree Stratum (Plot size:		% Cover	Species?	Status	Number of Dominant S That Are OBL, FACW,		0 (A)
2.					Total Number of Domir		0 (A)
2					Species Across All Stra		4 (B)
4.					Percent of Dominant S	pecies	, , ,
			= Total Cove	er	That Are OBL, FACW,	or FAC:	(A/B)
Sapling/Shrub Stratum (Plot size:)						
1. Artemisia californica		5	Υ	UPL	Prevalence Index wo	rksheet:	
2. Encelia californica		2	Υ	UPL	Total % Cover of:	Mu	Itiply by:
3.					OBL species 0	x 1 =	0
4.					FACW species	x 2 = _	0
5.					FAC species1	x 3 = _	3
		7	= Total Cove	er	FACU species1	x 4 =	4
Herb Stratum (Plot size:)				UPL species6	x 5 = _	30
1. Cryptantha sp.		1	N	UPL	Column Totals:7	(A)	37 (B)
2. Lepidium nitidum		1	N	FAC	Prevalence Ind	ex = B/A = 5.28	
3. Bromus diandrus		5	Y	UPL			
4. Salsola tragus		2	N	FACU	Hydrophytic Vegetati	on Indicators:	
5. Erodium cicutarium		1	N	UPL	Dominance Test	is >50%	
6. Logfia [=Filago] gallica		1	N	UPL	Prevalence Inde	x is ≤3.0¹	
7					Morphological A		
8					data in Rema	irks or on a sepa	arate sheet)
		11	= Total Cov	er	Problematic Hyd	rophytic Vegeta	ition¹ (Explain)
Woody Vine Stratum (Plot size:)				4		
1					¹ Indicators of hydric so be present, unless dis	oil and wetland l	hydrology must
2					be present, unless dis		
			= Total Cove	er	Hydrophytic		
% Bare Ground in Herb Stratum	75 % Co	ver of Biotic	Crust	0	Vegetation Present?	⁄es	No X
Remarks: Leaf litter is present							

SOIL Sampling Point: A(2)

1	ription: (Describe t	o the depth ne				confirm t	he absen	ce of indicato	ors.)	
Depth	Matrix			edox Featu		12			D	
(inches)	Color (moist)	%	Color (moist)		Type ¹	Loc ²	Text	ure	Remark	(S
							-			
		·								
l										
1Tyrney C=Cor		n DM-Dadusad N	Actric CS=Cover	- Cooted	Cand Crains	_ 2	l continui Di	L-Dara Lining F	RC=Root Channel,	A-Matrix
	ncentration, D=Depletion	-				S.			elematic Hydric	
1 -	Indicators: (Applic	able to all LKN							•	ouis.
— Histosol	oipedon (A2)			Redox (S5) d Matrix (S				cm Muck (A9) cm Muck (A10		
<u> </u>	istic (A3)			Mucky Min				educed Vertic		
_	en Sulfide (A4)			Gleyed Ma				educed vertic ed Parent Mat	` '	
	d Layers (A5) (LRR	C)		ed Matrix (F				ther (Explain i	` '	
	uck (A9) (LRR D)	-,		Dark Surfac	,			(=	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	d Below Dark Surfac	ce (A11)	 Deplete	ed Dark Sur	face (F7)					
Thick D	ark Surface (A12)		Redox	Depression	ıs (F8)		³ Indica	ators of hydrop	ohytic vegetation	and
Sandy N	Mucky Mineral (S1)		Vernal	Pools (F9)			we	etland hydrolog	gy must be prese	nt,
Sandy 0	Gleyed Matrix (S4)						un	less disturbed	or problematic.	
Restrictive	Layer (if present):									
Type:	,									
Depth (inc	hes):		-				Hvdric So	oil Present?	Yes	No X
		و در دا سو سام در دا در در ا	-	4			,			
Remarks. IN	o soil pit was dug as	nyaropnyuc ve	getation was no	n present						
HYDROLOG										
1	drology Indicators							Secondary	Indicators (2 or	more required)
Primary Indi	cators (minimum of	one required; ch	neck all that app	oly)				Water M	arks (B1) (Riveri	ne)
Surface	Water (A1)		Salt Cru	st (B11)				X Sedimer	nt Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cr	rust (B12)				Drift Dep	osits (B3) (River	ine)
Saturati	on (A3)		Aquatic	Invertebrate	es (B13)			Drainage	e Patterns (B10)	
Water N	Marks (B1) (Nonrive	rine)	Hydroge	en Sulfide O	dor (C1)			Dry-Sea	son Water Table	(C2)
Sedime	nt Deposits (B2) (No	onriverine)	Oxidized	d Rhizosphe	eres along	Living Ro	ots (C3)	Thin Mu	ck Surface (C7)	
Drift De	posits (B3) (Nonrive	erine)	Presence	e of Reduc	ed Iron (C4	1)		Crayfish	Burrows (C8)	
Surface	Soil Cracks (B6)		Recent I	Iron Reduct	ion in Tilled	d Soils (C	6)	Saturatio	on Visible on Aeri	al Imagery (C9)
Inundat	ion Visible on Aerial	Imagery (B7)	Thin Mu	ck Surface	(C7)			Shallow	Aquitard (D3)	
Water-S	Stained Leaves (B9)		Other (E	xplain in Re	emarks)			FAC-Ne	utral Test (D5)	
Field Obser	vations:									
Surface Wat		Yes No	X Denth (in	ches).						
Water Table		Yes No				_				
Saturation P			X Depth (inc			— Wetls	and Hydro	logy Present	? Yes	No X
(includes cap		110	XDepti (iii			_ '' '	and mydro	nogy i resem		_140X
	orded Data (stream	gauge, monitori	ng well, aerial p	hotos, prev	ious inspe	ctions), if	available:			
	,				·	,-				
Remarks: Just	st down from nick po	int where chanr	nel averages ou	t. Channel	is 1 foot wi	de and 4 i	inches dee	ep.		

Project/Site: Southwest Village			City/Coun	ty: San Dieg	0	Sampl	ing Date: 0)3/15/18
Applicant/Owner: Pardee Homes					State: 0	CA Sampl	ing Point: E	3(1)
Investigator(s): B. Procsal, JR Sundberg			Section,	Township, F	Range: Section 31, 7	Γ18S R01W		
Landform (hillslope, terrace, etc.): drainage)		Local rel	ief (concave	, convex, none): con	icave	Slope	(%): 0-2
Subregion (LRR): LRR-C		Lat:	32.55877		Long: -117.02245	i	—— Datum:	: NAD83
Soil Map Unit Name: Olivenhain cobby loa	am, 30 to 50	percent slop	oes			sification: R4S	—— BBC Riverin	ie
Are climatic / hydrologic conditions on the s				X No	o (If no. exp	lain in Remar	ks.)	
Are Vegetation, Soil, or I							-	X No
Are Vegetation, Soil, or I					(If needed, explain a			
					,	•	,	,
SUMMARY OF FINDINGS – Attach s	site map sh	nowing sa	mpling poir	nt location	s, transects, impo	ortant featu	res, etc.	
Hydrophytic Vegetation Present?	Yes	No X						
, , ,	Yes	No X Is the Sampled Area						
Wetland Hydrology Present?	Yes	No X	— witr	nin a Wetlan	a?			_
Remarks: Sample point along Drainage (,							
Tremarks. Sample point along Drainage C	,							
VEGETATION - Use scientific name	es of plants	S .						
To Otrotom (District	`	Absolute	Dominant	Indicator	Dominance Test	worksheet:		
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Domin			0 (4)
2.					That Are OBL, FA	,		<u>0</u> (A)
3.					Total Number of D Species Across A			2 (D)
4.					Percent of Domina			3(B)
T			= Total Cove	<u></u>	That Are OBL, FA			0(A/B)
Sapling/Shrub Stratum (Plot size:)		- Total Gove	, 1				
1. Rhus integrifolia	′	10	Υ	UPL	Prevalence Index	x worksheet:		
2. Foeniculum vulgare		5	Y	UPL	Total % Cove		Multiply	by:
3. Isocoma menziesii		2		FAC	OBL species	0	x 1 =	0
4. Brassica nigra		2	N	UPL	FACW species	0	x 2 =	0
5. Simmondsia chinensis		1	N	UPL	FAC species	1	x 3 =	3
		20	= Total Cove	er	FACU species	0	x 4 =	0
Herb Stratum (Plot size:)				UPL species	10	x 5 =	50
Hirschfeldia incana		<1	N	UPL	Column Totals:	11	(A)	53 (B)
2. Bromus madritensis rubens		15	Υ	UPL	Prevalenc	e Index = B/A	- 1 82	
3. Bromus diandrus		5	N	UPL	Trevalene	C IIIdex - D/A	- 4.02	
4. Ambrosia confertiflora		1	N	UPL	Hydrophytic Veg	etation Indic	ators:	
5. Brassica nigra		2	N	UPL	Dominance	Test is >50%)	
6. Avena sp.		5	N	UPL	Prevalence	Index is ≤3.0	1	
7						cal Adaptatior		
8					data in F	Remarks or or	ı a separate	sheet)
		29	= Total Cov	er	Problemation	: Hydrophytic	Vegetation	¹ (Explain)
Woody Vine Stratum (Plot size:)							
1					¹ Indicators of hyd			
2					be present, unles	ss disturbed o	r problemai	IIC.
			= Total Cove	er	Hydrophytic			
% Bare Ground in Herb Stratum 20	% Cc	ver of Biotic	Crust	0	Vegetation Present?	Yes	No	Х
		or blotte			110061111			
Remarks: Leaf litter is present								

SOIL Sampling Point: B(1)

Depth	Matrix		Redox Featu					
(inches)	Color (moist)	%	Color (moist) %	Type ¹ Lo	c² Textı	ure	Remarks	
1								
			ed Matrix, CS=Covered or Coated				Root Channel, M=M	
Hydric Soil	Indicators: (Application	able to all L	RRs, unless otherwise note	d.)	Indica	tors for Probler	natic Hydric Soils	3.
Histosol	(A1)		Sandy Redox (S5)		10	cm Muck (A9) (L	RR C)	
Histic E	oipedon (A2)		Stripped Matrix (St	6)	2	cm Muck (A10) (LRR B)	
Black H	stic (A3)		Loamy Mucky Min	eral (F1)	Re	educed Vertic (F	18)	
— Hydroge	en Sulfide (A4)		Loamy Gleyed Ma	trix (F2)		ed Parent Materi	al (TF2)	
Stratifie	d Layers (A5) (LRR (C)	Depleted Matrix (F	3)	Ot	her (Explain in F	Remarks)	
	ıck (A9) (LRR D)	•	Redox Dark Surfac	ce (F6)		•	,	
	d Below Dark Surfac	e (A11)	Depleted Dark Sur	face (F7)				
	ark Surface (A12)	, ,	Redox Depression		³ Indica	tors of hydrophy	tic vegetation and	
	Mucky Mineral (S1)		Vernal Pools (F9)	,			must be present,	
_	Gleyed Matrix (S4)					ess disturbed or		
	(' f ()							
_	_ayer (if present):							
Type:								
Depth (inc	· ·	no hydroph	nytic vegetation was present		Hydric So	il Present?	Yes No	<u> </u>
Depth (inc	oit pit was not dug as	s no hydroph	nytic vegetation was present		Hydric So	il Present?	Yes No	o_X_
Depth (inc Remarks: S	oit pit was not dug as		nytic vegetation was present		Hydric So			
Depth (inc Remarks: S YDROLOG Wetland Hy	oit pit was not dug as				Hydric So	Secondary Ind	licators (2 or mor	
Depth (inc Remarks: S YDROLOG Wetland Hy Primary Indi	oit pit was not dug as iY rdrology Indicators cators (minimum of c		t; check all that apply)		Hydric So	Secondary Ind	licators (2 or mores (B1) (Riverine)	e require
Depth (inc Remarks: S YDROLOG Wetland Hy Primary Indi	oit pit was not dug as GY rdrology Indicators: cators (minimum of c		t; check all that apply)Salt Crust (B11)		Hydric So	Secondary Ind Water Mark X Sediment D	licators (2 or mores (S (B1) (Riverine) Deposits (B2) (Rive	e require
Depth (inc Remarks: S YDROLOG Wetland Hy Primary Indi Surface High W.	oit pit was not dug as GY rdrology Indicators: cators (minimum of c Water (A1) ater Table (A2)		t; check all that apply) Salt Crust (B11) Biotic Crust (B12)		Hydric So	Secondary Ind Water Mark X Sediment D Drift Depos	licators (2 or mores (81) (Riverine) Deposits (B2) (Riverine) its (B3) (Riverine)	e require
Depth (inc Remarks: S YDROLOG Wetland Hy Primary Indi	oit pit was not dug as GY rdrology Indicators: cators (minimum of c Water (A1) ater Table (A2)		t; check all that apply)Salt Crust (B11)	es (B13)	Hydric So	Secondary Ind Water Mark X Sediment D Drift Depos	licators (2 or mores (S (B1) (Riverine) Deposits (B2) (Rive	e require
Depth (inc Remarks: S EYDROLOG Wetland Hy Primary Indi Surface High W. Saturati	oit pit was not dug as GY rdrology Indicators: cators (minimum of c Water (A1) ater Table (A2)	one required	t; check all that apply) Salt Crust (B11) Biotic Crust (B12)		Hydric So	Secondary Ind Water Mark X Sediment D Drift Depos Drainage P	licators (2 or mores (81) (Riverine) Deposits (B2) (Riverine) its (B3) (Riverine)	e required
Pepth (inc Remarks: S YDROLOG Wetland Hy Primary Indi Surface High W. Saturati Water N	oit pit was not dug as SY rdrology Indicators: cators (minimum of o Water (A1) ater Table (A2) on (A3)	one required	d; check all that apply) Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrate	dor (C1)		Secondary Ind Water Mark X Sediment D Drift Depos Drainage P Dry-Seasor	licators (2 or mores (B1) (Riverine) Deposits (B2) (Riverine) its (B3) (Riverine) atterns (B10)	e required
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Project/Site: Southwest Village		City/Coun	ty: San Dieg	go Sampling Date: 03/15/	/18
Applicant/Owner: Pardee Homes				State: CA Sampling Point: B(2)	
Investigator(s): B. Procsal, JR Sundberg		Section,	Township, F	Range: Section 31, T18S R01W	
Landform (hillslope, terrace, etc.): drainage		Local reli	ef (concave	e, convex, none): concave Slope (%):	0-2
Subregion (LRR): LRR-C	Lat:	32.55804		Long: -117.02151 Datum: NAD	83
Soil Map Unit Name: Olivenhain cobby loam, 30 to 50	percent slop	es		NWI classification: R4SBC Riverine	
Are climatic / hydrologic conditions on the site typical for			X N	o (If no. explain in Remarks.)	
		-		Are "Normal Circumstances" present? Yes X	No
Are Vegetation, Soil, or Hydrology _				(If needed, explain any answers in Remarks.)	-
SUMMARY OF FINDINGS – Attach site map s	howing sa	mpling poin	t location	s, transects, important features, etc.	
Hydrophytic Vegetation Present? Yes	No X				
Hydric Soil Present? Yes	No X		e Sampled	Yes No X	
Wetland Hydrology Present? Yes	No X	— with	in a Wetlan	id? ————————————————————————————————————	
Remarks: Sample point along Drainage C.					
Tremains. Cample point along Brainage C.					
VEGETATION – Use scientific names of plant	ts.				
Troo Stratum (Plot size:	Absolute	Dominant	Indicator	Dominance Test worksheet:	
Tree Stratum (Plot size:) 1.	% Cover	Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC: 0	(A)
2.				Total Number of Dominant	(A)
3.				Species Across All Strata:	(B)
4.				Percent of Dominant Species	(D)
		= Total Cove	r	That Are OBL, FACW, or FAC: 0	(A/B)
Sapling/Shrub Stratum (Plot size:)					
1. Rhus integrifolia	10	N	UPL	Prevalence Index worksheet:	
2. Hirschfeldia incana	20	Υ	UPL	Total % Cover of: Multiply by:	
3. Brassica nigra	1	N	UPL	OBL species0 x 1 =0	
4. Simmondsia chinensis	1	N	UPL	FACW species0 x 2 =0	_
5.				FAC species 0 x 3 = 0	_
	32	= Total Cove	r	FACU species 0 x 4 = 0	_
Herb Stratum (Plot size:)				UPL species 7 x 5 = 35	_
1. Hirschfeldia incana	20	Y	UPL	Column Totals: 7 (A) 35	(B)
2. Bromus madritensis rubens	15	Y	UPL	Prevalence Index = B/A = 5	
3					_
4				Hydrophytic Vegetation Indicators:	
5				Dominance Test is >50%	
6				Prevalence Index is ≤3.0¹	
7				Morphological Adaptations ¹ (Provide supp	
8				data in Remarks or on a separate shee	•
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	35	= Total Cov	er	Problematic Hydrophytic Vegetation ¹ (Exp	olain)
Woody Vine Stratum (Plot size:)				4	
1				Indicators of hydric soil and wetland hydrology be present, unless disturbed or problematic.	must
2		T. () C		-	
		= Total Cove	er	Hydrophytic Vegetation	
% Bare Ground in Herb Stratum 15 % C	over of Biotic	Crust	0	Present? Yes No X	
Remarks: In addition to leaf litter, tires, man-made del	oris, and a co	uch are prese	ent.		
and the second s					

SOIL Sampling Point: <u>B(2)</u>

Depth (inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textur	re	Remarks	3
			,							
				_						
										
				_						
Гуре: C=Con	centration, D=Depletion	n, RM=Reduce	ed Matrix, CS=Cover	ed or Coated	Sand Grair	ns. ² L	ocation: PL=	Pore Lining, RC	=Root Channel, M	I=Matrix.
ydric Soil	Indicators: (Applic	able to all L	RRs, unless other	erwise note	ed.)		Indicato	ors for Proble	matic Hydric S	oils³:
Histosol				Redox (S5			1 cn	n Muck (A9) (I	LRR C)	
	oipedon (A2)			ed Matrix (S				n Muck (A10)		
— · Black Hi				Mucky Min	•			luced Vertic (F		
	n Sulfide (A4)			Gleyed Ma	. ,			l Parent Mater	,	
	d Layers (A5) (LRR (C)		ed Matrix (F			— Oth	er (Explain in	Remarks)	
_	ıck (A9) (LRR D)	,		Dark Surfa					•	
	d Below Dark Surfac	e (A11)	Deplet	ed Dark Su	rface (F7)					
	ark Surface (A12)		Redox	Depression	ns (F8)		3Indicate	ors of hydroph	ytic vegetation a	and
 Sandy M	lucky Mineral (S1)		Vernal	Pools (F9)			wetla	and hydrology	must be preser	ıt,
Sandy G	Gleyed Matrix (S4)						unle	ss disturbed o	r problematic.	
estrictive L	_ayer (if present):									
Type:										
Depth (inch	nes): bit pit was not dug as	s no hydroph	nytic vegetation wa	as present			Hydric Soil	Present?	Yes	No_X
Depth (inchemarks: So	oit pit was not dug as	s no hydroph	nytic vegetation wa	as present			Hydric Soil	Present?	Yes	No X
Depth (inchemarks: So	oit pit was not dug as		nytic vegetation wa	as present						
Depth (inchemarks: Southern So	oit pit was not dug as							Secondary In	dicators (2 or r	nore requi
Depth (inchemarks: So DROLOG Vetland Hy	oit pit was not dug as Y drology Indicators cators (minimum of o		; check all that ap	ply)			<u> </u>	Secondary In Water Mar	dicators (2 or r	nore requi
Depth (inchemarks: So DROLOG Vetland Hy Primary India Surface	oit pit was not dug as SY drology Indicators cators (minimum of o		; check all that ap Salt Cru	ply) ust (B11)			<u> </u>	Secondary In Water Mar X Sediment	dicators (2 or r ks (B1) (Riverin Deposits (B2) (F	nore requi ne) Riverine)
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Depth (inchemarks: Soft DROLOG Vetland Hy Primary India Surface High Wassaturatio Water M	oit pit was not dug as EY drology Indicators cators (minimum of o Water (A1) ater Table (A2) on (A3) darks (B1) (Nonriver	: one required ine)	; check all that ap Salt Cru Biotic C Aquatic Hydrog	ply) ust (B11) rrust (B12) Invertebrat en Sulfide C	Odor (C1)		<u>\$</u>	Secondary In Water Mar X Sediment Drift Depos	dicators (2 or r ks (B1) (Riverin Deposits (B2) (Riverin Patterns (B10) In Water Table (nore requi ne) Riverine) ne)
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Project/Site: Southwest Village		City/Coun	nty: San Dieg	10	_Sampling Date:	03/15/18
Applicant/Owner: Pardee Homes				State: CA	_Sampling Point:	B(b)(1)
Investigator(s): B. Procsal, JR Sundberg		Section,	Township, F	Range: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): drainage		Local rel	lief (concave	, convex, none): concave	Slop	pe (%): <u>0-2</u>
Subregion (LRR): LRR-C	Lat:	32.55995		Long: -117.02047	Datur	m: NAD83
Soil Map Unit Name: Olivenhain cobby loam, 30 to 5	0 percent slop	oes		NWI classification	on: Riverine	
Are climatic / hydrologic conditions on the site typical	for this time o	f year? Yes	X N	o(If no, explain in	Remarks.)	
Are Vegetation, Soil, or Hydrology	signif	icantly disturb	ed? No	Are "Normal Circumstance	es" present? Yes	_X No
Are Vegetation, Soil, or Hydrology	natur	ally problemat	tic? No	(If needed, explain any an	swers in Remarks	s.)
SUMMARY OF FINDINGS – Attach site map	showing sa	mpling poir	nt location	s, transects, importan	t features, etc.	
Hydrophytic Vegetation Present? Yes	No X			_		
Hydric Soil Present? Yes	No X		ne Sampled nin a Wetlan	Yes	NoX	<u>. </u>
Wetland Hydrology Present? Yes	No X		iiii a vvetiaii	iu:		
Remarks: Sample point at beginning (nick point) of VEGETATION – Use scientific names of plar						
Trac Stratum (Diet size:	Absolute	Dominant	Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size:) 1.	% Cover	Species?	Status	Number of Dominant Sp That Are OBL, FACW, of		0 (4)
2.				Total Number of Domin		<u>0</u> (A)
3				Species Across All Stra		4 (B)
4.				Percent of Dominant Sp		
		= Total Cove	er	That Are OBL, FACW, o	or FAC:	0 (A/B)
Sapling/Shrub Stratum (Plot size:)					
1. Rhus integrifolia	30	Y	UPL	Prevalence Index wor	ksheet:	
2. Artemisia californica	10	Y	UPL	Total % Cover of:	Multip	oly by:
3. Peritoma [=Isomeris] arborea	<1	N	UPL	OBL species 0		0
4			-	FACW species 0		0
5				FAC species 0		0
Llorb Stratum (Diet size)	7	= Total Cove	er	FACU species 0 UPL species 7		<u>0</u>
Herb Stratum (Plot size:)	2	Y	UPL	UPL species 7 Column Totals: 7		35 35 (B)
Bromus madritensis rubens		Y	UPL	Column rotals.	(^)	(B)
3. Centaurea melitensis		N	UPL	Prevalence Inde	x = B/A = <u>5</u>	
Selaginella cinerascens		N	UPL	Hydrophytic Vegetation	on Indicators	
5.				Dominance Test		
6.				Prevalence Index		
7.				Morphological Ad		de supporting
8.					ks or on a separa	
	9	= Total Cov	/er	Problematic Hydr	ophytic Vegetation	on¹ (Explain)
Woody Vine Stratum (Plot size:)					
1				¹ Indicators of hydric so	il and wetland hy	drology must
2				be present, unless dist	urbed or problem	atic.
		= Total Cove	er	Hydrophytic		
% Bare Ground in Herb Stratum 40 % (Cover of Biotic	: Crust	0	Vegetation Present?	es No	o X
Remarks: Leaf litter is present						
i terrano. Learriller la present						

SOIL Sampling Point: B(b)(1)

Depth	Matrix		Re				
(inches)	Color (moist)	%	Color (moist)	%Type¹	Loc ²	Texture	Remarks
	_						
1- 00							
	ncentration, D=Depletio						ng, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applic	able to all LRF		•			roblematic Hydric Soils ³ :
Histosol	` '			ledox (S5)	-	1 cm Muck (, ,
	oipedon (A2)			Matrix (S6)	-		A10) (LRR B)
	istic (A3)			/lucky Mineral (F1)	-	Reduced Ve	
, ,	en Sulfide (A4)		Loamy G	Gleyed Matrix (F2)	-	Red Parent I	Material (TF2)
	d Layers (A5) (LRR	C)	Depleted	d Matrix (F3)	-	Other (Expla	iin in Remarks)
	uck (A9) (LRR D)			ark Surface (F6)			
Deplete	d Below Dark Surfac	e (A11)	Depleted	d Dark Surface (F7)			
	ark Surface (A12)			epressions (F8)			drophytic vegetation and
	Mucky Mineral (S1)		Vernal P	ools (F9)		wetland hydro	ology must be present,
Sandy C	Gleyed Matrix (S4)					unless disturb	oed or problematic.
Da a fad a filoso I	Layer (if present):						
Restrictive i							
_	, ,						
Туре:			_		Hv	dric Soil Present	2 Ves No X
Type: Depth (inc		s no hydrophyti	– – ic vegetation was	present	Ну	dric Soil Present	? Yes No <u>X</u>
Type: Depth (inc Remarks: S	nes):oit pit was not dug a	s no hydrophyti	– ic vegetation was	present	Ну	dric Soil Present	? Yes <u>No X</u>
Type:	hes):oit pit was not dug a		– ic vegetation was	present	Ну		
Type: Depth (incl Remarks: S	hes): oit pit was not dug a	:			Ну	Seconda	ry Indicators (2 or more requir
Type: Depth (incl Remarks: S IYDROLOG Wetland Hy Primary Indi	hes): oit pit was not dug a sy rdrology Indicators cators (minimum of	:	heck all that apply	()	Ну	Seconda	ary Indicators (2 or more requir r Marks (B1) (Riverine)
Type:	hes):	:	heck all that apply	y) t (B11)	Ну	Seconda Wate X Sedir	ry Indicators (2 or more requir r Marks (B1) (Riverine) nent Deposits (B2) (Riverine)
Type:	hes):oit pit was not dug a grade of the second of t	:	heck all that apply Salt Crusi Biotic Cru	y) t (B11) st (B12)	Ну	Seconda Wate Sedir Drift [ry Indicators (2 or more requir r Marks (B1) (Riverine) nent Deposits (B2) (Riverine) Deposits (B3) (Riverine)
Type:	hes):oit pit was not dug a grade of the second of t	:	heck all that apply Salt Crust Biotic Cru Aquatic Ir	t (B11) st (B12) nvertebrates (B13)	Ну	Seconda Wate Sedir Drift [ry Indicators (2 or more requir r Marks (B1) (Riverine) nent Deposits (B2) (Riverine)
Type:	hes):oit pit was not dug a grade of the second of t	: one required; c	heck all that apply Salt Crust Biotic Cru Aquatic Ir	y) t (B11) st (B12)	Ну	Seconda Wate X Sedir Drift I	ry Indicators (2 or more requir r Marks (B1) (Riverine) nent Deposits (B2) (Riverine) Deposits (B3) (Riverine)
Type:	hes):	: one required; c	heck all that applySalt CrusiBiotic CruAquatic Ir Hydrogen	t (B11) st (B12) nvertebrates (B13)		Seconda Wate X Sedir Drift [Drain Dry-S	ry Indicators (2 or more requirement Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10)
Type:	hes):	: one required; c rine) nriverine)	heck all that apply Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized	t (B11) st (B12) evertebrates (B13) s Sulfide Odor (C1)	Living Roots (Seconda Wate X Sedir Drift I Drain Dry-S (C3) Thin I	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Season Water Table (C2)
Type: Depth (incl Remarks: S IYDROLOG Wetland Hy Primary Indi Surface High Water M Sedime Drift De	hes):	: one required; c rine) nriverine)	heck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence	t (B11) st (B12) nvertebrates (B13) s Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C	Living Roots (Seconda Wate X Sedir Drift I Drain Dry-S Thin I	ry Indicators (2 or more requirement Deposits (B2) (Riverine) Deposits (B3) (Riverine) Deposits (B3) (Riverine) Deposits (B10) Deposits (B10) Deason Water Table (C2) Muck Surface (C7) Defish Burrows (C8)
Type:	hes):	: one required; c rine) onriverine) rine)	heck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ire	y) t (B11) list (B12) nvertebrates (B13) l Sulfide Odor (C1) Rhizospheres along of Reduced Iron (Con Reduction in Tille	Living Roots (Seconda	ry Indicators (2 or more requirement Deposits (B2) (Riverine) Deposits (B3) (Riverine) Deposits (B3) (Riverine) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B2) Deposi
Type:	hes):	: one required; c rine) onriverine) rine)	sheck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ird	t (B11) st (B12) evertebrates (B13) sulfide Odor (C1) Rhizospheres along of Reduced Iron (Con Reduction in Tille	Living Roots (Seconda Wate X Sedir Drift [Drain Dry-S Crayf Satur Shalld	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) Tish Burrows (C8) ration Visible on Aerial Imagery (10) Tow Aquitard (D3)
Type:	oit pit was not dug a ordrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9)	: one required; c rine) onriverine) rine)	sheck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ird	y) t (B11) list (B12) nvertebrates (B13) l Sulfide Odor (C1) Rhizospheres along of Reduced Iron (Con Reduction in Tille	Living Roots (Seconda Wate X Sedir Drift [Drain Dry-S Crayf Satur Shalld	ry Indicators (2 or more requirement Deposits (B2) (Riverine) Deposits (B3) (Riverine) Deposits (B3) (Riverine) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B2) Deposi
Type:	hes):	: one required; c rine) enriverine) erine)	sheck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Iro Thin Mucl	t (B11) ust (B12) uvertebrates (B13) u Sulfide Odor (C1) Rhizospheres along of Reduced Iron (Con Reduction in Tille k Surface (C7) uplain in Remarks)	Living Roots (Seconda Wate X Sedir Drift [Drain Dry-S Crayf Satur Shalld	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) Tish Burrows (C8) ration Visible on Aerial Imagery (10) Tow Aquitard (D3)
Type:	hes):	: one required; c rine) onriverine) rine) Imagery (B7)	sheck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex	t (B11) st (B12) nvertebrates (B13) s Sulfide Odor (C1) Rhizospheres along of Reduced Iron (Con Reduction in Tille k Surface (C7) plain in Remarks)	Living Roots (Seconda Wate X Sedir Drift [Drain Dry-S Crayf Satur Shalld	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) Tish Burrows (C8) ration Visible on Aerial Imagery (10) Tow Aquitard (D3)
Type:	hes):	: cone required; c rine) crine) crine) Imagery (B7) 'es No	sheck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Iro Thin Mucl	t (B11) st (B12) nvertebrates (B13) s Sulfide Odor (C1) Rhizospheres along of Reduced Iron (Con Reduction in Tille k Surface (C7) plain in Remarks)	Living Roots (Seconda Wate X Sedir Drift [Drain Dry-S Crayf Satur Shalld	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) Tish Burrows (C8) ration Visible on Aerial Imagery (10) Tow Aquitard (D3)
Type: Depth (incl Remarks: S IYDROLOG Wetland Hy Primary Indi Surface High Water M Sedime Drift De Surface Inundat Water-S Field Obser Surface Water	hes):	: cone required; c rine) crine) crine) Imagery (B7) crine No. cr	sheck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex	y) t (B11) list (B12) nvertebrates (B13) l Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C on Reduction in Tille k Surface (C7) liplain in Remarks) mes):	Living Roots (4) d Soils (C6)	Seconda Wate X Sedir Drift [Drain Dry-S Crayf Satur Shalld	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) Tish Burrows (C8) ration Visible on Aerial Imagery (10 Tow Aquitard (D3) Neutral Test (D5)
Type:	hes): oit pit was not dug a formation of the properties of the p	: cone required; c rine) crine) crine) Imagery (B7) 'es No	sheck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex	y) t (B11) list (B12) nvertebrates (B13) l Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C on Reduction in Tille k Surface (C7) liplain in Remarks) mes):	Living Roots (4) d Soils (C6)	Seconda Wate X Sedir Drift [Drain Dry-S Crayf Satur Shall FAC-	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) Tish Burrows (C8) ration Visible on Aerial Imagery (10 Tow Aquitard (D3) Neutral Test (D5)
Type: Depth (incl Remarks: S IYDROLOG Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation P (includes car	hes): oit pit was not dug a formation of the properties of the p	: cone required; conerine) crine) crine) crine) crine) crine) crine crin	sheck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex	t (B11) list (B12) livertebrates (B13) li Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C on Reduction in Tille k Surface (C7) liplain in Remarks) lines): lines):	Living Roots (4) d Soils (C6)	Seconda Wate X Sedir Drift [Drain Dry-S	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) Tish Burrows (C8) ration Visible on Aerial Imagery (10 Tow Aquitard (D3) Neutral Test (D5)
Type: Depth (incl Remarks: S IYDROLOG Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation P (includes car	hes): oit pit was not dug a ordrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present?	: cone required; conerine) crine) crine) crine) crine) crine) crine crin	sheck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex	t (B11) list (B12) livertebrates (B13) li Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C on Reduction in Tille k Surface (C7) liplain in Remarks) lines): lines):	Living Roots (4) d Soils (C6)	Seconda Wate X Sedir Drift [Drain Dry-S	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) Tish Burrows (C8) ration Visible on Aerial Imagery (10 Tow Aquitard (D3) Neutral Test (D5)
Type: Depth (incl Remarks: S IYDROLOG Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wate Water Table Saturation P (includes cap Describe Rec	hes):	cine) rine) rine) Imagery (B7) /es No /es No /es No gauge, monitor	check all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex	t (B11) list (B12) livertebrates (B13) li Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C on Reduction in Tille k Surface (C7) liplain in Remarks) lines): lines):	Living Roots (4) d Soils (C6)	Seconda Wate X Sedir Drift [Drain Dry-S	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) Tish Burrows (C8) ration Visible on Aerial Imagery (10 Tow Aquitard (D3) Neutral Test (D5)
Type: Depth (incl Remarks: S IYDROLOG Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wate Water Table Saturation P (includes cap Describe Rec	hes): oit pit was not dug a ordrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present?	cine) rine) rine) Imagery (B7) /es No /es No /es No gauge, monitor	check all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex	t (B11) list (B12) livertebrates (B13) li Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C on Reduction in Tille k Surface (C7) liplain in Remarks) lines): lines):	Living Roots (4) d Soils (C6)	Seconda Wate X Sedir Drift [Drain Dry-S	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) Tish Burrows (C8) ration Visible on Aerial Imagery (10 Tow Aquitard (D3) Neutral Test (D5)
Type:	hes):	cine) rine) rine) Imagery (B7) /es No /es No /es No gauge, monitor	check all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex	t (B11) list (B12) livertebrates (B13) li Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C on Reduction in Tille k Surface (C7) liplain in Remarks) lines): lines):	Living Roots (4) d Soils (C6)	Seconda Wate X Sedir Drift [Drain Dry-S	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) Tish Burrows (C8) ration Visible on Aerial Imagery (10 Tow Aquitard (D3) Neutral Test (D5)

Project/Site: Southwest Village		City/Coun	ty: <u>San Dieg</u>	go Sampling Date: 03/15/18
Applicant/Owner: Pardee Homes				State: CA Sampling Point: B(b)(2)
Investigator(s): B. Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): drainage		Local reli	ief (concave	, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:	 32.55867		Long: -117.02200 Datum: NAD83
Soil Map Unit Name: Olivenhain cobby loam, 30 to 50	percent slop	oes		NWI classification: none
Are climatic / hydrologic conditions on the site typical fo			X No	o (If no. explain in Remarks.)
		-		Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology				(If needed, explain any answers in Remarks.)
				,
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poin	it locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			
Hydric Soil Present? Yes	No X		e Sampled	Yes No X
Wetland Hydrology Present? Yes	No X	— with	in a Wetlan	Id? ———
Remarks: Sample point along Drainge B just before c	onfluence w	ith Drainage (`	
Tremarks. Sample point along brainge b just before o	orinaerice w	illi Dialilage C	,	
VEGETATION - Use scientific names of plants	S.			
T 01 1 (D) 1	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
2.				That Are OBL, FACW, or FAC: 0 (A)
3.				Total Number of Dominant Species Across All Strata: 3 (B)
4.				Percent of Dominant Species (B)
T		= Total Cove	ar	That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)		- Total Cove	ē1	
1. Encelia californica	1	N	UPL	Prevalence Index worksheet:
2. Brassica nigra	2	N	UPL	Total % Cover of: Multiply by:
3. Artemisia californica	1	N	UPL	OBL species 0 x 1 = 0
4. Rhus integrifolia	20	Y	UPL	FACW species 0 x 2 = 0
5.				FAC species 0 x 3 = 0
	24	= Total Cove	er	FACU species 0 x 4 = 0
Herb Stratum (Plot size:				UPL species 7 x 5 = 35
1. Brassica nigra	10	Υ	UPL	Column Totals: 7 (A) 35 (B)
2. Bromus madritensis rubens	25	Υ	UPL	Prevalence Index = B/A = 5
3. Hirschfeldia incana	1	N	UPL	Frevalence muex – B/A – 3
4.				Hydrophytic Vegetation Indicators:
5.				Dominance Test is >50%
6				Prevalence Index is ≤3.0¹
7				Morphological Adaptations¹ (Provide supporting
8				data in Remarks or on a separate sheet)
	36	= Total Cov	er	Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				
1				¹ Indicators of hydric soil and wetland hydrology must
2				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
 % Bare Ground in Herb Stratum	ver of Biotic	Cruct	0	Vegetation Present? Yes No X
	יאפו טו טוטנונ	. Orust		Present? Yes No X
Remarks: Leaf litter is present				

SOIL Sampling Point: B(b)(2)

1	ription: (Describe					confirm t	he absen	ce of indicat	ors.)	
Depth	Matrix			edox Featu		. 2			5	
(inches)	Color (moist)	%	Color (moist)		Type ¹	Loc ²	Text	ure	Remai	rks
							-			
¹ Type: C=Cor	ncentration, D=Deplet	ion, RM=Reduce	d Matrix, CS=Covere	ed or Coated	Sand Grains	s. ²	Location: Pl	L=Pore Lining,	RC=Root Channel	, M=Matrix.
Hydric Soil	Indicators: (Appl	icable to all LF	RRs, unless other	rwise note	d.)		Indica	tors for Prol	olematic Hydric	Soils ³ :
Histosol	l (A1)		Sandy	Redox (S5)			1	cm Muck (A9) (LRR C)	
Histic E	pipedon (A2)			d Matrix (Se			2	cm Muck (A1	0) (LRR B)	
Black H	istic (A3)			Mucky Mine			R	educed Vertic	(F18)	
Hydroge	en Sulfide (A4)			Gleyed Ma				ed Parent Ma	` '	
	d Layers (A5) (LRF	R C)		ed Matrix (F	,		0	ther (Explain	in Remarks)	
	uck (A9) (LRR D)			Dark Surfac						
	d Below Dark Surfa	ace (A11)		ed Dark Sur			0			
	ark Surface (A12)			Depression	s (F8)			•	phytic vegetation	
	Mucky Mineral (S1)		vernal	Pools (F9)				-	gy must be pres	
Sandy C	Gleyed Matrix (S4)						un	iess disturbed	d or problematic.	
Restrictive	Layer (if present):									
Type:										
Depth (inc	hes):						Hydric So	oil Present?	Yes	No_X_
Remarks: S	oit pit was not dug	as no hydronhy	utic vegetation was	s nresent						
Remarks. 0	oit pit was not dug	as no riyaropri	yac vegetation was	5 present						
HYDROLOG	SY									
Wetland Hy	drology Indicator	s:						Secondary	Indicators (2 or	more required)
Primary Indi	icators (minimum o	f one required;	check all that app	ly)				Water M	1arks (B1) (Rive i	rine)
Surface	Water (A1)		Salt Crus	st (B11)				X Sedime	nt Deposits (B2)	(Riverine)
High W	ater Table (A2)		Biotic Cr	ust (B12)				Drift De	posits (B3) (Rive	erine)
Saturati	ion (A3)		Aquatic	Invertebrate	es (B13)			Drainag	e Patterns (B10)	,
	Marks (B1) (Nonriv	erine)		n Sulfide O					son Water Table	
I 	nt Deposits (B2) (N			l Rhizosphe		Livina Ro	ots (C3)		ick Surface (C7)	(-)
l —	posits (B3) (Nonri	,		e of Reduce	J	•	()		Burrows (C8)	
	Soil Cracks (B6)	,		ron Reduct			6)			rial Imagery (C9)
	ion Visible on Aeria	l Imagery (B7)		ck Surface			• /		Aquitard (D3)	
	Stained Leaves (B9			xplain in Re					eutral Test (D5)	
valci-c	Diamed Ecaves (Bo	,	Other (E	лріант інт к	ornanco)				duran rest (Do)	
Field Obser										
Surface Wat	er Present?		No X Depth (inc			_				
Water Table	Present?		No X Depth (inc			_				
Saturation P		Yes N	No X Depth (inc	ches):		Wetla	and Hydro	logy Presen	t? Yes	NoX
(includes car										
Describe Rec	orded Data (strean	n gauge, monito	oring well, aerial p	hotos, prev	ious insped	ctions), if a	available:			
Domarks: Ol	onnol is O fortuit	and Gin-b	doop							
remarks: Ch	annel is 2 feet wide	e and o inches	ueep.							

Project/Site: Southwest Village		City/Coun	ty: San Dieg	go Sampling Date: 03/15/18
Applicant/Owner: Pardee Homes				State: CA Sampling Point: D(1)
Investigator(s): B. Procsal, JR Sundberg		Section,	Township, F	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): drainage		Local reli	ief (concave	e, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:	 32.55695		Long: -117.02386 Datum: NAD83
Soil Map Unit Name: Olivenhain cobby loam, 30 to 50	percent slop	oes		NWI classification: none
Are climatic / hydrologic conditions on the site typical fo			X No	lo (If no, explain in Remarks.)
		-		Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map si	howing sa	mpling poin	nt location	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			
Hydric Soil Present? Yes	No X		ne Sampled	Yes No X
Wetland Hydrology Present?	No X	— with	nin a Wetlan	1d? ————————————————————————————————————
Remarks: Sample point along Drainage D.				
Nemarks. Sample point along Drainage D.				
VEGETATION – Use scientific names of plant	s.			
T 0/ / (D) / (Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1.	% Cover	Species?	Status	Number of Dominant Species
2.				That Are OBL, FACW, or FAC: 0 (A)
3.				Total Number of Dominant Species Across All Strata: (R)
4.				Percent of Dominant Species 4 (B)
* .		= Total Cove		That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)		- Total Cove	#1	
1. Rhus integrifolia	15	Υ	UPL	Prevalence Index worksheet:
Artemisia californica	40	Y	UPL	Total % Cover of: Multiply by:
3. Peritoma [=Isomeris] arborea	5	N	UPL	OBL species 0 $x 1 = 0$
4. Rhus integrifolia	<1	N	UPL	FACW species 0 x 2 = 0
5.	·			FAC species 0 x 3 = 0
	61	= Total Cove	er	FACU species 0 x 4 = 0
Herb Stratum (Plot size:)				UPL species 6 x 5 = 30
1. Pseudognaphalium [=Gnaphalium] californicum	<1	Υ	UPL	Column Totals: 6 (A) 30 (B)
2. Bromus madritensis rubens	<1	Υ	UPL	Drawalance Index = D/A = 5
3.				Prevalence Index = B/A = <u>5</u>
4.				Hydrophytic Vegetation Indicators:
5.				Dominance Test is >50%
6.				Prevalence Index is ≤3.0¹
7.				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	2	= Total Cov	er	Problematic Hydrophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)				
1				¹ Indicators of hydric soil and wetland hydrology must
2				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
0/ David Charles Harb Charles F	f Di-4:-	O	0	Vegetation
	over of Biotic	- Clust	0	Present? Yes No X
Remarks: Leaf litter is present				

SOIL Sampling Point: D(1)

(inches) Color (moist)	(inches)			Redox Featur					
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histocol (A1) Sandy Redox (S5) Histocol (A2) Sitripped Matrix (56) Black Histic (A3) Loamy Mucky Mineral (F1) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Depleted Below Dark Surface (A12) Depleted Below Dark Surface (A12) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (F3) Depleted Below Dark Surface (A12) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Water Matrix (S1) Water Matrix (S1) Water Matrix (S1) Water Matrix (S1) (Riverine) Saluration (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Hydric Soil Present? Saluration Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Sidd Observation Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Water Table Presen		Color (moist)	%C	Color (moist) %	Type ¹ Loc ²	Texture		Remarks	
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Histosol (A1)									
Histic Epipedon (A2)	•		able to all Living		4.,			-	
Black Histic (A3)		` '					` , `	,	
Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR C) 1 cm Muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Depleted Dark Surface (F6) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Depth (inches): Depth (inches): Depth (inches): Surface (A12) Salt Crust (B11) Surface (A12) Salt Crust (B11) Surface (A12) Salt Crust (B11) Surface Water (A1) Salt Crust (B12) Saturation (A3) Water Marks (B1) (Nonriverine) Hydric Soil Present (B10) Darkseason (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Surface (B1) Surface Water (A1) Salt Crust (B16) Sediment Deposits (B3) (Nonriverine) Darkseason (Nater Table (C2) Sediment Deposits (B3) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Salturation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Water Table Present? Yes No X Depth (inches): W								•	
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Sandy Mucky Mineral (S1)			e (A11)		` '	21 11 4			
Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Depth (inches): Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Salt Crust (B11) Saturation (A3) Water Marks (B1) (Nonriverine) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Riverine) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Drift Deposits (B3) (Nonriverine) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Water Marks (Water C7) Drift Deposits (Water C8) Water Marks (Water C9) Drift Deposits (Water C9) Drift D		` ,			s (F8)				
Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes				Vernal Pools (F9)					
Type:	Sandy G	eleyed Matrix (S4)				unless	disturbed or pro	blematic.	
Depth (inches):	Restrictive L	Layer (if present):							
Name Name	Type:								
Name Name	Depth (incl	hes):				Hydric Soil Pi	resent? Ye	s No	Χ
Wetland Hydrology Indicators: Secondary Indicators (2 or more Primary Indicators (minimum of one required; check all that apply) Secondary Indicators (2 or more Water Marks (B1) (Riverine) Surface Water (A1) Salt Crust (B11) X Sediment Deposits (B2) (Riverine) High Water Table (A2) Biotic Crust (B12) Drift Deposits (B3) (Riverine) Saturation (A3) Aquatic Invertebrates (B13) Drainage Patterns (B10) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Shallow Aquitard (D3) Water-Stained Leaves (B9) Other (Explain in Remarks) FAC-Neutral Test (D5) Field Observations: Surface Water Present? Yes No X Depth (inches): Wetland Hydrology Present? Yes No Water Table Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if av									
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Remarks: Channel is 1 foot wide and 4 inches deep. Exposed cobble in some areas of the channel. Moss is not present in channel.	Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimen Drift Del Surface Inundati Water-S Field Obser Surface Water Water Table Saturation Pr (includes cap	rdrology Indicators: cators (minimum of of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) vations: er Present? Present? Y Present? Y Present? Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	rine) nriverine) Imagery (B7) Yes No_ Yes No_ Yes No_	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrate Hydrogen Sulfide Od Oxidized Rhizosphe Presence of Reduce Recent Iron Reducti Thin Muck Surface (Other (Explain in Re) X Depth (inches): X Depth (inches):	dor (C1) res along Living F d Iron (C4) on in Tilled Soils (C7) marks) We	Roots (C3)	Water Marks (I Sediment Depo Drift Deposits (Drainage Patte Dry-Season W Thin Muck Sur Crayfish Burro Saturation Visil Shallow Aquita FAC-Neutral T	B1) (Riverine) posits (B2) (Riverine) posits (B1) (Riverine) perms (B10) pater Table (C2) pace (C7) pass (C8) pater table (C3) pater (C3) pater (C4) pater (C5) pater (C5) pater (C5) pater (C5)	ery (CS
remains. Chainiens i 100t wide and 4 iniches deep. Exposed cobble in some areas of the chainlet. Moss is not present in channel.	Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimen Drift Dep Surface Inundati Water-S Field Obsern Surface Water Water Table Saturation Pr (includes cap	rdrology Indicators: cators (minimum of of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonriver nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) vations: er Present? Present? Y Present? Y Present? Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	rine) nriverine) Imagery (B7) Yes No_ Yes No_ Yes No_	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrate Hydrogen Sulfide Od Oxidized Rhizosphe Presence of Reduce Recent Iron Reducti Thin Muck Surface (Other (Explain in Re) X Depth (inches): X Depth (inches):	dor (C1) res along Living F d Iron (C4) on in Tilled Soils (C7) marks) We	Roots (C3)	Water Marks (I Sediment Depo Drift Deposits (Drainage Patte Dry-Season W Thin Muck Sur Crayfish Burro Saturation Visil Shallow Aquita FAC-Neutral T	B1) (Riverine) posits (B2) (Riverine) posits (B1) (Riverine) perms (B10) pater Table (C2) pace (C7) pass (C8) pater table (C3) pater (C3) pater (C4) pater (C5) pater (C5) pater (C5) pater (C5)	ery (CS
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	Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimel Drift Del Surface Inundati Water-S Field Obser Surface Water Water Table Saturation Pr (includes cap	rdrology Indicators: cators (minimum of of of of of of of of of of of of of	rine) nriverine) lmagery (B7) /es No_ /es No_ gauge, monitorin	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrate Hydrogen Sulfide Oc Oxidized Rhizosphe Presence of Reduce Recent Iron Reducti Thin Muck Surface (Other (Explain in Re X Depth (inches): X Depth (inches): y Depth (inches):	dor (C1) res along Living F red Iron (C4) on in Tilled Soils (C7) marks) We ous inspections),	Roots (C3) (C6) ctland Hydrology if available:	Water Marks (I Sediment Depo Drift Deposits (Drainage Patte Dry-Season W Thin Muck Sur Crayfish Burro Saturation Visil Shallow Aquita FAC-Neutral T	B1) (Riverine) posits (B2) (Riverine) posits (B1) (Riverine) perms (B10) pater Table (C2) pace (C7) pase (C8) pater table on Aerial Image pard (D3) pest (D5) Yes No	ery (Cs

Project/Site: Southwest Village		City/Coun	ty: San Dieg	o Sampling Date: 03/15/18
Applicant/Owner: Pardee Homes				State: CA Sampling Point: E(1)
Investigator(s): B. Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): drainage		Local rel	ief (concave	, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:	32.55792		Long: -117.02454 Datum: NAD83
Soil Map Unit Name: Olivenhain cobby loam, 30 to 50	percent slop	oes		NWI classification: R4SBA Riverine
Are climatic / hydrologic conditions on the site typical fo	r this time of	f year? Yes	X No	o(If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology _	signif	icantly disturb	ed? No	Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poir	nt locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			
Hydric Soil Present? Yes	No X		ne Sampled nin a Wetlan	Yes No X
Wetland Hydrology Present? Yes	No X		iiii a vvetiaii	u:
Remarks: Sample point along Drainage E VEGETATION – Use scientific names of plants	s.			
	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1				That Are OBL, FACW, or FAC: 1 (A)
2. 3.				Total Number of Dominant Species Across All Strata:
4.				Percent of Dominant Species (B)
T		= Total Cove	ar	That Are OBL, FACW, or FAC: 25% (A/B)
Sapling/Shrub Stratum (Plot size:)		rotal Gove	<i>'</i>	
1. Artemisia californica	45	Υ	UPL	Prevalence Index worksheet:
2. Salvia apiana	1	Υ	UPL	Total % Cover of: Multiply by:
3. Simmondsia chinensis	1	N	UPL	OBL species 0 x 1 = 0
4.				FACW species 0 x 2 = 0
5.				FAC species 2 x 3 = 6
	47	= Total Cove	er	FACU species 0 x 4 = 0
Herb Stratum (Plot size:)				UPL species6 x 5 =30
1. Crassula connata	1	Y	FAC	Column Totals: 7 (A) 36 (B)
2. Pterostegia drymarioides	<u><1</u>	N	UPL	Prevalence Index = B/A = 5.14
3. Hirschfeldia incana	1	Y	UPL_	
4. Isocoma menziesii	<u><1</u> <1	N	FAC	Hydrophytic Vegetation Indicators:
5. Pseudognaphalium [=Gnaphalium] californicum 6.		N	UPL	Dominance Test is >50%
7				Prevalence Index is ≤3.0¹ Morphological Adaptations¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
<u> </u>		= Total Cov	er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:				Troboniation tydrophytio vogotation (Explain)
1.				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic Vegetation
% Bare Ground in Herb Stratum15	ver of Biotic	Crust	0	Present? Yes No X
Remarks: Leaf litter and moss are present in channel.				

SOIL Sampling Point: <u>E(1)</u>

Depth	Matrix		Re				
(inches)	Color (moist)	%	Color (moist)	%Type¹	Loc ²	Texture	Remarks
	_						
1- 00							
	ncentration, D=Depletio						ng, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applic	able to all LRF		•			roblematic Hydric Soils ³ :
Histosol	` '			ledox (S5)	-	1 cm Muck (, ,
	oipedon (A2)			Matrix (S6)	-		A10) (LRR B)
	istic (A3)			/lucky Mineral (F1)	-	Reduced Ve	
, ,	en Sulfide (A4)		Loamy G	Gleyed Matrix (F2)	-	Red Parent I	Material (TF2)
	d Layers (A5) (LRR	C)	Depleted	d Matrix (F3)	-	Other (Expla	iin in Remarks)
	uck (A9) (LRR D)			ark Surface (F6)			
Deplete	d Below Dark Surfac	e (A11)	Depleted	d Dark Surface (F7)			
	ark Surface (A12)			epressions (F8)			drophytic vegetation and
	Mucky Mineral (S1)		Vernal P	ools (F9)		wetland hydro	ology must be present,
Sandy C	Gleyed Matrix (S4)					unless disturb	oed or problematic.
Da a fad a filoso I	Layer (if present):						
Restrictive i							
_	, ,						
Туре:			_		Hv	dric Soil Present	2 Ves No X
Type: Depth (inc		s no hydrophyti	– – ic vegetation was	present	Ну	dric Soil Present	? Yes No <u>X</u>
Type: Depth (inc Remarks: S	nes):oit pit was not dug a	s no hydrophyti	– ic vegetation was	present	Ну	dric Soil Present	? Yes <u>No X</u>
Type:	hes):oit pit was not dug a		– ic vegetation was	present	Ну		
Type: Depth (incl Remarks: S	hes): oit pit was not dug a	:			Ну	Seconda	ry Indicators (2 or more requir
Type: Depth (incl Remarks: S IYDROLOG Wetland Hy Primary Indi	hes): oit pit was not dug a sy rdrology Indicators cators (minimum of	:	heck all that apply	()	Ну	Seconda	ary Indicators (2 or more requir r Marks (B1) (Riverine)
Type:	hes):	:	heck all that apply	y) t (B11)	Ну	Seconda Wate X Sedir	ry Indicators (2 or more requir r Marks (B1) (Riverine) nent Deposits (B2) (Riverine)
Type:	hes):oit pit was not dug a graduate of the control of the c	:	heck all that apply Salt Crusi Biotic Cru	y) t (B11) st (B12)	Ну	Seconda Wate Sedir Drift [ry Indicators (2 or more requir r Marks (B1) (Riverine) nent Deposits (B2) (Riverine) Deposits (B3) (Riverine)
Type:	hes):oit pit was not dug a graduate of the control of the c	:	heck all that apply Salt Crust Biotic Cru Aquatic Ir	t (B11) st (B12) nvertebrates (B13)	Ну	Seconda Wate Sedir Drift [ry Indicators (2 or more requir r Marks (B1) (Riverine) nent Deposits (B2) (Riverine)
Type:	hes):oit pit was not dug a graduate of the control of the c	: one required; c	heck all that apply Salt Crust Biotic Cru Aquatic Ir	y) t (B11) st (B12)	Ну	Seconda Wate X Sedir Drift I	ry Indicators (2 or more requir r Marks (B1) (Riverine) nent Deposits (B2) (Riverine) Deposits (B3) (Riverine)
Type:	hes):	: one required; c	heck all that applySalt CrusiBiotic CruAquatic Ir Hydrogen	t (B11) st (B12) nvertebrates (B13)		Seconda Wate X Sedir Drift [Drain Dry-S	ry Indicators (2 or more requirement Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10)
Type:	hes):	: one required; c rine) nriverine)	heck all that apply Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized	t (B11) st (B12) evertebrates (B13) s Sulfide Odor (C1)	Living Roots (Seconda Wate X Sedir Drift I Drain Dry-S (C3) Thin I	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Season Water Table (C2)
Type: Depth (incl Remarks: S IYDROLOG Wetland Hy Primary Indi Surface High Water M Sedime Drift De	hes):	: one required; c rine) nriverine)	heck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence	t (B11) st (B12) nvertebrates (B13) s Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C	Living Roots (Seconda Wate X Sedir Drift I Drain Dry-S Thin I	ry Indicators (2 or more requirement Deposits (B2) (Riverine) Deposits (B3) (Riverine) Deposits (B3) (Riverine) Deposits (B10) Deposits (B10) Deason Water Table (C2) Muck Surface (C7) Design Table (C8)
Type:	hes):	: one required; c rine) onriverine) rine)	heck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ire	y) t (B11) list (B12) nvertebrates (B13) l Sulfide Odor (C1) Rhizospheres along of Reduced Iron (Con Reduction in Tille	Living Roots (Seconda	ry Indicators (2 or more requirement Deposits (B2) (Riverine) Deposits (B3) (Riverine) Deposits (B3) (Riverine) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B10) Deposits (B2) Deposi
Type:	hes):	: one required; c rine) onriverine) rine)	sheck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ird	t (B11) st (B12) evertebrates (B13) sulfide Odor (C1) Rhizospheres along of Reduced Iron (Con Reduction in Tille	Living Roots (Seconda Wate X Sedir Drift [Drain Dry-S Crayf Satur Shalld	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) Tish Burrows (C8) ration Visible on Aerial Imagery (10) Tow Aquitard (D3)
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Type:	hes):	: one required; c rine) enriverine) erine)	sheck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Iro Thin Mucl	t (B11) ust (B12) uvertebrates (B13) u Sulfide Odor (C1) Rhizospheres along of Reduced Iron (Con Reduction in Tille k Surface (C7) uplain in Remarks)	Living Roots (Seconda Wate X Sedir Drift [Drain Dry-S Crayf Satur Shalld	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) Tish Burrows (C8) ration Visible on Aerial Imagery (10) Tow Aquitard (D3)
Type:	hes):	: one required; c rine) onriverine) rine) Imagery (B7)	sheck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex	t (B11) st (B12) nvertebrates (B13) s Sulfide Odor (C1) Rhizospheres along of Reduced Iron (Con Reduction in Tille k Surface (C7) plain in Remarks)	Living Roots (Seconda Wate X Sedir Drift [Drain Dry-S Crayf Satur Shalld	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) Tish Burrows (C8) ration Visible on Aerial Imagery (10) Tow Aquitard (D3)
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Type: Depth (incl Remarks: S IYDROLOG Wetland Hy Primary Indi Surface High Water M Sedime Drift De Surface Inundat Water-S Field Obser Surface Water	hes):	: cone required; c rine) crine) crine) Imagery (B7) crine No. cr	sheck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex	y) t (B11) list (B12) nvertebrates (B13) l Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C on Reduction in Tille k Surface (C7) liplain in Remarks) mes):	Living Roots (4) d Soils (C6)	Seconda Wate X Sedir Drift [Drain Dry-S Crayf Satur Shalld	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) Tish Burrows (C8) ration Visible on Aerial Imagery (10 Tow Aquitard (D3) Neutral Test (D5)
Type:	hes): oit pit was not dug a formation of the properties of the p	: cone required; c rine) crine) crine) Imagery (B7) 'es No	sheck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex	y) t (B11) list (B12) nvertebrates (B13) l Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C on Reduction in Tille k Surface (C7) liplain in Remarks) mes):	Living Roots (4) d Soils (C6)	Seconda Wate X Sedir Drift [Drain Dry-S Crayf Satur Shall FAC-	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) Tish Burrows (C8) ration Visible on Aerial Imagery (10 Tow Aquitard (D3) Neutral Test (D5)
Type: Depth (incl Remarks: S IYDROLOG Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation P (includes car	hes): oit pit was not dug a formation of the properties of the p	: cone required; conerine) crine) crine) crine) crine) crine) crine crin	sheck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex	t (B11) list (B12) livertebrates (B13) li Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C on Reduction in Tille k Surface (C7) liplain in Remarks) lines): lines):	Living Roots (4) d Soils (C6)	Seconda Wate X Sedir Drift [Drain Dry-S	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) Tish Burrows (C8) ration Visible on Aerial Imagery (10 Tow Aquitard (D3) Neutral Test (D5)
Type: Depth (incl Remarks: S IYDROLOG Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation P (includes car	hes): oit pit was not dug a ordrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present?	: cone required; conerine) crine) crine) crine) crine) crine) crine crin	sheck all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex	t (B11) list (B12) livertebrates (B13) li Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C on Reduction in Tille k Surface (C7) liplain in Remarks) lines): lines):	Living Roots (4) d Soils (C6)	Seconda Wate X Sedir Drift [Drain Dry-S	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) Tish Burrows (C8) ration Visible on Aerial Imagery (10 Tow Aquitard (D3) Neutral Test (D5)
Type: Depth (incl Remarks: S IYDROLOG Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wate Water Table Saturation P (includes cap Describe Rec	hes):	cine) rine) rine) Imagery (B7) /es No /es No /es No gauge, monitor	check all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex	t (B11) list (B12) livertebrates (B13) li Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C on Reduction in Tille k Surface (C7) liplain in Remarks) lines): lines):	Living Roots (4) d Soils (C6)	Seconda Wate X Sedir Drift [Drain Dry-S	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) Tish Burrows (C8) ration Visible on Aerial Imagery (10 Tow Aquitard (D3) Neutral Test (D5)
Type: Depth (incl Remarks: S IYDROLOG Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wate Water Table Saturation P (includes cap Describe Rec	hes): oit pit was not dug a ordrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present?	cine) rine) rine) Imagery (B7) /es No /es No /es No gauge, monitor	check all that apply Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex	t (B11) list (B12) livertebrates (B13) li Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C on Reduction in Tille k Surface (C7) liplain in Remarks) lines): lines):	Living Roots (4) d Soils (C6)	Seconda Wate X Sedir Drift [Drain Dry-S	ry Indicators (2 or more requirer Marks (B1) (Riverine) ment Deposits (B2) (Riverine) Deposits (B3) (Riverine) age Patterns (B10) Deason Water Table (C2) Muck Surface (C7) Tish Burrows (C8) ration Visible on Aerial Imagery (10 Tow Aquitard (D3) Neutral Test (D5)
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Project/Site: Southwest Village		City/Coun	ty: San Dieg	go Sampling Date: 03/15/18
Applicant/Owner: Pardee Homes				State: CA Sampling Point: E(2)
Investigator(s): B. Procsal, JR Sundberg		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): drainage		Local rel	ief (concave	, convex, none): concave Slope (%): 0-2
Subregion (LRR): LRR-C	Lat:	32.55652		Long: -117.02473 Datum: NAD83
Soil Map Unit Name: Olivenhain cobby loam, 30 to 50	percent slop	oes		NWI classification: R4SBA Riverine
Are climatic / hydrologic conditions on the site typical fo			X No	o (If no. explain in Remarks.)
		-		Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poir	t location	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X			
Hydric Soil Present? Yes	No X		e Sampled	Yes No X
Wetland Hydrology Present?	No X	— with	iin a Wetlan	<u> </u>
Remarks: Sample point along Drainage E.		_		
Remarks. Sample point along Dramage E.				
VEGETATION – Use scientific names of plants	S.			
	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant Species
1				That Are OBL, FACW, or FAC: 0 (A)
2				Total Number of Dominant Species Across All Strata:
3				Percent of Dominant Species(B)
4		T-4-1 0		That Are OBL, FACW, or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cove	er	
1. Artemisia californica	5	Υ	UPL	Prevalence Index worksheet:
2. Simmondsia chinensis	1	N	UPL	Total % Cover of: Multiply by:
3.				OBL species 0 x 1 = 0
4.				FACW species 0 x 2 = 0
5.				FAC species 0 x 3 = 0
J	6	= Total Cove		FACU species 1 x 4 = 4
Herb Stratum (Plot size:)		- Total Gove	,ı	UPL species 7 x 5 = 35
1. Hirschfeldia incana	3	N	UPL	Column Totals: 8 (A) 39 (B)
Pseudognaphalium [=Gnaphalium] californicum	2	N	UPL	
3. Bromus madritensis rubens	20	Y	UPL	Prevalence Index = B/A = 4.875
4. Centaurea melitensis	<1	N	UPL	Hydrophytic Vegetation Indicators:
5. Malosma laurina	<1	N	UPL	Dominance Test is >50%
6. Marrubium vulgare	<1	N	FACU	Prevalence Index is ≤3.0¹
7.				Morphological Adaptations ¹ (Provide supporting
8.				data in Remarks or on a separate sheet)
	28	= Total Cov	er	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:				
1				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cove	er	Hydrophytic
				Vegetation
% Bare Ground in Herb Stratum 40 % Co	over of Biotic	Crust	0	Present? Yes NoX
Remarks: Leaf litter and grass thatch are present				

SOIL Sampling Point: <u>E(2)</u>

Depth (inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textur	е	Remark	3
·	. ()		- ()							
				_						
								, <u> </u>		
				_						
				_						
	entration, D=Depletion					ıs. ² L	_ocation: PL=	Pore Lining, RC=	Root Channel, N	1=Matrix.
Hydric Soil Ir	ndicators: (Application	able to all L	RRs, unless oth	erwise note	ed.)		Indicato	rs for Probler	natic Hydric S	oils³:
Histosol (A1)			/ Redox (S5			1 cm	n Muck (A9) (L	RR C)	
	pedon (A2)			ed Matrix (S	•			n Muck (A10) (•	
Black Hist	` '			y Mucky Mir	` '			uced Vertic (F	,	
	Sulfide (A4)			y Gleyed Ma				Parent Materia	` '	
	Layers (A5) (LRR (S)		ted Matrix (F			Othe	er (Explain in R	Remarks)	
	k (A9) (LRR D)	- (0.44)		k Dark Surfa	` '					
	Below Dark Surfac k Surface (A12)	e (A11)		ted Dark Su x Depressior			3lndiaata	ro of budronbu	tie vegetetien e	and.
	ucky Mineral (S1)			l Pools (F9)	` '			ors of hydrophy and hydrology r	_	
	eyed Matrix (S4)			11 0013 (1 3)				ss disturbed or		ιι,
									p. 02.0	
	yer (if present):									
Type:							I budala Call	D	V	Na V
Depth (inche	es): t pit was not dug as	no hydroph	nytic vegetation w	as present			Hydric Soil	Present?	Yes	No X
Depth (inche Remarks: Soi	t pit was not dug as	s no hydroph	nytic vegetation w	as present			Hydric Soil	Present?	Yes	No X
Depth (inche Remarks: Soi	t pit was not dug as		nytic vegetation w	as present				Present?		
Depth (inche Remarks: Soi YDROLOGY Wetland Hyd	t pit was not dug as			· 				Secondary Ind		nore require
Depth (inche Remarks: Soi YDROLOGY Wetland Hyd Primary Indica	t pit was not dug as rology Indicators: ators (minimum of c		l; check all that ap	pply)			<u>S</u>	Secondary Ind	licators (2 or r	nore require
Depth (inche Remarks: Soi YDROLOGY Wetland Hyd Primary Indica Surface V	t pit was not dug as		l; check all that ap Salt Cr	oply) ust (B11)			<u>S</u>	Secondary Ind Water Mark X Sediment D	licators (2 or r s (B1) (Riverin deposits (B2) (F	nore require ne) Riverine)
Depth (inche Remarks: Soi YDROLOGY Wetland Hyd Primary Indica Surface V High Wat	rology Indicators: ators (minimum of colors (A1) er Table (A2)		d; check all that ap Salt Cr Biotic (oply) ust (B11) Crust (B12)	es (B13)		<u>S</u>	Secondary Ind Water Mark X Sediment D Drift Deposi	licators (2 or r s (B1) (Riverin deposits (B2) (Riverin tis (B3) (Riverin	nore requirence)
Primary Indica Surface V High Wat Saturation	rology Indicators: ators (minimum of other (A1) er Table (A2) n (A3)	one required	l; check all that ap Salt Cr Biotic (Aquatio	oply) ust (B11) Crust (B12) c Invertebrat			<u>S</u>	Secondary Ind Water Mark X Sediment D Drift Deposi	licators (2 or r s (B1) (Riverin Deposits (B2) (F its (B3) (Riverinatterns (B10)	nore require ne) Riverine) ne)
YDROLOGY Wetland Hyd Primary Indica Surface V High Wat Saturation Water Ma	rology Indicators: ators (minimum of otvater (A1) er Table (A2) n (A3) arks (B1) (Nonriver	one required	d; check all that ap Salt Cr Biotic C Aquatic Hydrog	oply) ust (B11) Crust (B12) c Invertebrat gen Sulfide C	Odor (C1)	Living Roo	<u>\$</u> 	Secondary Ind Water Mark X Sediment D Drift Deposi Drainage Pa	licators (2 or r s (B1) (Riverin Deposits (B2) (F its (B3) (Riverin atterns (B10) n Water Table (nore require ne) Riverine) ne)
Primary Indication Saturation Water Ma Sediment	rology Indicators: ators (minimum of o Vater (A1) er Table (A2) n (A3) arks (B1) (Nonriver	one required ine) nriverine)	l; check all that ap Salt Cr Biotic (Aquatic Hydrog Oxidize	oply) ust (B11) Crust (B12) c Invertebrat gen Sulfide C	Odor (C1) eres along	_	<u>\$</u> 	Secondary Ind Water Mark X Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S	licators (2 or r ss (B1) (Rivering Deposits (B2) (Rivering atterns (B10) in Water Table (Surface (C7)	nore require ne) Riverine) ne)
Primary Indica Surface V High Water Ma Sediment Drift Depo	rology Indicators: ators (minimum of covater (A1) er Table (A2) n (A3) urks (B1) (Nonriver Deposits (B2) (No	one required ine) nriverine)	d; check all that ap Salt Cr Biotic C Aquatic Hydrog Oxidize Presen	oply) ust (B11) Crust (B12) c Invertebrat gen Sulfide C ed Rhizosph	Odor (C1) eres along ced Iron (C	4)		Secondary Ind Water Mark X Sediment D Drift Deposi Drainage Port Dry-Seasor Thin Muck S Crayfish Bu	licators (2 or r cs (B1) (Rivering deposits (B2) (Rivering atterns (B10) on Water Table (Surface (C7) arrows (C8)	nore require ne) Riverine) ne)
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Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	0	Sampling	Date: 2/13/2	.020
Applicant/Owner: Pardee Homes				State: C	A Sampling	Point: G(1)	
Investigator(s): JR Sundberg		Section,	Township, R	ange: Section 31, T	18S R01W		
Landform (hillslope, terrace, etc.): terrace		Local rel	ief (concave,	convex, none): none)	Slope (%):	0-2
Subregion (LRR): C	Lat:	32.55935		Long: -117.01771		— Datum: NAD	 83
Soil Map Unit Name: Olivenhain cobbly loam, 30 to 50					ication: R4SB0	 C riverine	
Are climatic / hydrologic conditions on the site typical fo			X No				
Are Vegetation X, Soil , or Hydrology _		-		Are "Normal Circumst			No
Are Vegetation , Soil , or Hydrology				(If needed, explain an			
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poir	it locations	s, transects, impoi	tant features	s, etc.	
Hydrophytic Vegetation Present? Yes	No X			_			
Hydric Soil Present? Yes	No X	15 (1	ne Sampled nin a Wetlan	Yes	No	X	
Wetland Hydrology Present? Yes X	No		iiii a vvetiaii	u:			
Remarks: Sample point along Drainage G, just downs	tream from	confluence w	ith G(b). Coa	stal sage scrub on lov	v terrace, simila	ar landscape p	osition to
nearby potential wetlands			()	J	•		
VEGETATION – Use scientific names of plants	Absolute	Dominant	Indicator	Dominance Test v	vorkehoot:		
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Domina			
1. Salix lasiolepis	15	Yes	FACW	That Are OBL, FAC		3	(A)
2.				Total Number of Do	ominant		
3.				Species Across All	Strata:	6	(B)
4				Percent of Dominal		50	(A/D)
	15	= Total Cove	er	That Are OBL, FAC	,vv, or FAC:	50	(A/B)
Sapling/Shrub Stratum (Plot size: 20'x20')							
1. Baccharis salicifolia	10	Yes	FAC	Prevalence Index			
2. Baccharis sarothroides	5	Yes	FACU	Total % Cover		Multiply by:	_
3				OBL species	x 1		_
4				FACW species	15 x 2		_
5				FAC species	25 x 3		_
Llorb Stratum (Diet size: 201/201	15	= Total Cove	er	FACU species UPL species			_
Herb Stratum (Plot size: 20'x20')	15	Voo	FAC	Column Totals:	5 x 5 55 (A)		— (B)
Claytonia perfoliata Festuca myuros	5	Yes Yes	UPL	Column Totals.	(A)		_(b)
3. Carduus pycnocephalus	5	Yes	FACU	Prevalence	$Index = B/A = \underline{3}$.09	_
			1700	Hydrophytic Vege	tation Indicate	ore:	
				Dominance 1		<i>1</i> 13.	
6				Prevalence I			
7					al Adaptations ¹	(Provide sunr	orting
8.					emarks or on a		
	25	= Total Cov	/er	Problematic	Hydrophytic Ve	egetation ¹ (Exc	olain)
Woody Vine Stratum (Plot size:					.,	90.0.00. (=/\p	,
1				¹ Indicators of hydr	ic soil and wetl	and hydrology	must
2.				be present, unless	disturbed or p	roblematic.	
		= Total Cove	er	Hydrophytic	-		
				Vegetation	.,		
	ver of Biotic			Present?	Yes	_ No_X	
Remarks: A lot of leaf litter and woody debris, moss co	ver in some	areas					

SOIL Sampling Point: WDP G-1____

(inches) 0-2		0/	Redox Features			
0-2	Color (moist)		Color (moist) % Type ¹	Loc ²	Texture	Remarks
<u> </u>	10YR 2/2	100			sandy loam	
2-14	10YR 3/2	100			sandy loam	
						·
1 0 0				21		
			atrix, CS=Covered or Coated Sand Grains , unless otherwise noted.)	S. LO		Lining, RC=Root Channel, M=Matrix. or Problematic Hydric Soils ³ :
Histosol		able to all LKKS	Sandy Redox (S5)			ck (A9) (LRR C)
	pipedon (A2)		Stripped Matrix (S6)			ck (A10) (LRR B)
	istic (A3)		Loamy Mucky Mineral (F1)			Vertic (F18)
	en Sulfide (A4)		Loamy Gleyed Matrix (F2)			ent Material (TF2)
Stratifie	d Layers (A5) (LRR C	;)	Depleted Matrix (F3)		Other (Ex	rplain in Remarks)
	uck (A9) (LRR D)		Redox Dark Surface (F6)			
	d Below Dark Surface	e (A11)	Depleted Dark Surface (F7)			
	ark Surface (A12)		Redox Depressions (F8)			hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal Pools (F9)			ydrology must be present, sturbed or problematic.
	Gleyed Matrix (S4)				uniess dis	surbed of problematic.
_	Layer (if present):					
Type:	L \				hadala Oali Daaa	and Var
Depth (inc	nes):			ı	Hydric Soil Pres	ent? Yes No X
remains. IV	·					
	·					
YDROLOG	SY .				Seco	ndary Indicators (2 or more require
YDROLOG Wetland Hy	·		eck all that apply)			ndary Indicators (2 or more require /ater Marks (B1) (Riverine)
YDROLOG Wetland Hy Primary Indi	SY /drology Indicators:		eck all that apply)Salt Crust (B11)		W	
YDROLOG Wetland Hy Primary IndiSurface	SY /drology Indicators: icators (minimum of o		••••			ater Marks (B1) (Riverine)
YDROLOG Wetland Hy Primary IndiSurface	cators (minimum of one Water (A1)		Salt Crust (B11)			/ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine)
YDROLOG Wetland Hy Primary Indi Surface High Wa X Saturati	cators (minimum of one Water (A1)	one required; che	Salt Crust (B11) Biotic Crust (B12)			/ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine)
YDROLOG Wetland Hy Primary Indi Surface High Water N	Adrology Indicators: icators (minimum of one Water (A1) ater Table (A2) ion (A3)	one required; che	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13)	Living Root		rater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10)
YDROLOG Wetland Hy Primary Indi Surface High Watar Mater Mat	ydrology Indicators: icators (minimum of o Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver	one required; che ine) nriverine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1)	-		Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2)
YDROLOG Wetland Hy Primary Indi Surface High W: X Saturati Water N Sedime Drift De	ydrology Indicators: icators (minimum of o water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriverient Deposits (B2) (No	one required; che ine) nriverine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along	·)		Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rin Muck Surface (C7)
YDROLOG Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface	ydrology Indicators: icators (minimum of o water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver int Deposits (B2) (Non posits (B3) (Nonriver	one required; che ine) nriverine) rine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along I Presence of Reduced Iron (C4	·)	S: (C3) TI C S: (C3) S:	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8)
YDROLOG Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat	Advisor (Marks (B1) (Nonriver) To Deposits (B3) (Nonriver) Soli Cracks (B6)	one required; che ine) nriverine) rine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along I Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled	·)	W S X D D D Sis (C3)	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C8)
YDROLOG Wetland Hy Primary Indi Surface High W: X Saturati Water N Sedime Drift De Surface Inundat Water-S	ydrology Indicators: icators (minimum of of extra (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriverient Deposits (B2) (Nonriverient Deposits (B3) (Nonriveries) e Soil Cracks (B6) ion Visible on Aerial II Stained Leaves (B9)	one required; che ine) nriverine) rine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along I Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled Thin Muck Surface (C7)	·)	W S X D D D Sis (C3)	Vater Marks (B1) (Riverine) rediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) raturation Visible on Aerial Imagery (C9 nallow Aquitard (D3)
YDROLOG Wetland Hy Primary Indi Surface High Water M Sedime Drift De Surface Inundat Water-S Field Obser	ydrology Indicators: icators (minimum of of extra (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriverient Deposits (B2) (Nonriveries (B3) (Nonriveries (B6)) ion Visible on Aerial Instance (B9) vations:	ine) nriverine) rine) magery (B7)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along I Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled Thin Muck Surface (C7)	·)	W S X D D D Sis (C3)	Vater Marks (B1) (Riverine) rediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) raturation Visible on Aerial Imagery (C9 nallow Aquitard (D3)
YDROLOG Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundate Water-S Field Obser Surface Water	Advisors: Advisors (minimum of or or or or or or or or or or or or or	ine) inriverine) rine) magery (B7) es No _	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along I Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled Thin Muck Surface (C7) Other (Explain in Remarks)	·)	W S X D D D Sis (C3)	Vater Marks (B1) (Riverine) rediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) raturation Visible on Aerial Imagery (C9 nallow Aquitard (D3)
Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation P	Adrology Indicators: icators (minimum of of extra (Minimum of of extra (Minimum of of extra (Minimum of of extra (Minimum of of extra (Minimum of of extra (Minimum of of extra (Minimum of of extra (Minimum of of of extra (Minimum of of of of of of of of of of of of of	ine) inriverine) rine) magery (B7) es No _	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along I Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled Thin Muck Surface (C7) Other (Explain in Remarks) X Depth (inches): X Depth (inches):	d Soils (C6)	W S X D D D Sis (C3)	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9 nallow Aquitard (D3) AC-Neutral Test (D5)
Primary Indi Surface High Water Mater Mater Mater Surface Inundat Water Surface Unundat Water Surface Water Surface Water Table Saturation Policy (includes capetal	Adrology Indicators: icators (minimum of or water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver) ion Deposits (B2) (Nonriver) ion Visible on Aerial II Stained Leaves (B9) vations: er Present? Present? Y resent? Y resent? Y resent? Y resent? Y	ine) nriverine) magery (B7) es No_ es No_ es No_	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along I Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled Thin Muck Surface (C7) Other (Explain in Remarks) X Depth (inches): X Depth (inches): Depth (inches):	d Soils (C6)	W S X D D S S S S S S S S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9 rallow Aquitard (D3) AC-Neutral Test (D5)
YDROLOG Wetland Hy Primary Indi Surface High Water Nater Nater Sedime Drift De Surface Inundati Water-S Field Obser Surface Water Table Saturation Pa	Adrology Indicators: icators (minimum of or water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver) ion Deposits (B2) (Nonriver) ion Visible on Aerial II Stained Leaves (B9) vations: er Present? Present? Y resent? Y resent? Y resent? Y resent? Y	ine) nriverine) magery (B7) es No_ es No_ es No_	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along I Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled Thin Muck Surface (C7) Other (Explain in Remarks) X Depth (inches): X Depth (inches):	d Soils (C6)	W S X D D S S S S S S S S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9 rallow Aquitard (D3) AC-Neutral Test (D5)
YDROLOG Wetland Hy Primary Indi Surface High Water Nater Nater Sedime Drift De Surface Inundate Water-S Field Obser Surface Wate Water Table Saturation Policicudes caplescribe Rec	Adrology Indicators: icators (minimum of or Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriverient Deposits (B2) (Nonriverient Deposits (B3) (Nonriverient Deposits (B6) ion Visible on Aerial Instance Leaves (B9) vations: er Present? Present? Y Present? Y Present? Y pillary fringe) orded Data (stream g	ine) nriverine) magery (B7) es No_ es No_ gauge, monitorin	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along I Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled Thin Muck Surface (C7) Other (Explain in Remarks) X Depth (inches): X Depth (inches): Depth (inches): 12 g well, aerial photos, previous inspect	Wetlan	W S X D D S S S S S S S S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9 nallow Aquitard (D3) AC-Neutral Test (D5)
YDROLOG Wetland Hy Primary Indi Surface High Water Nater Nater Surface Inundat Water-S Field Obser Surface Water Table Saturation Princludes car escribe Rec	Adrology Indicators: icators (minimum of or Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriverient Deposits (B2) (Nonriverient Deposits (B3) (Nonriverient Deposits (B6) ion Visible on Aerial Instance Leaves (B9) vations: er Present? Present? Y Present? Y Present? Y pillary fringe) orded Data (stream g	ine) nriverine) magery (B7) es No_ es No_ gauge, monitorin	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along I Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled Thin Muck Surface (C7) Other (Explain in Remarks) X Depth (inches): X Depth (inches): Depth (inches):	Wetlan	W S X D D S S S S S S S S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9 nallow Aquitard (D3) AC-Neutral Test (D5)

Project/Site: Southwest Village Specific Plan Project		City/Coun	^{ıty:} San Dieg	go	Sam	pling Date:	/14/202	:0
Applicant/Owner: Pardee Homes				State:CA	Sam	pling Point:	G(2)	
nvestigator(s): Beth Procsal and Anna Leavitt		Section, 7	Γownship, Ra	ange:Section 31, T18		_		
andform (hillslope, terrace, etc.): mesa top				convex, none): concav			pe (%):0.	- 2
Subregion (LRR):C - Mediterranean California	Lat:32.5	•		Long:-117.01771			m:NAD	
Soil Map Unit Name: Olivenhain cobbly loam, 30 to 50				NWI class	sification:		<u>1171D</u>	0.5
are climatic / hydrologic conditions on the site typical for this			• No (-			
	-	*	~ `	"Normal Circumstance		,	No	\sim
		disturbed			•	_	No	\circ
		oblematic?		eeded, explain any ans		•		
SUMMARY OF FINDINGS - Attach site map s	howing	sampli	ng point I	ocations, transec	ts, imp	ortant fe	atures,	etc.
Hydrophytic Vegetation Present? Yes No	o (6)							
•		ls	the Sample	d Δrea				
			thin a Wetla		$\overline{}$	No 💿		
Remarks: Sample point in Drainage G where it conve	erges with							
/EGETATION	Absolute	Dominan	t Indicator	Dominance Test w	orkshoot			
Tree Stratum (Use scientific names.)	% Cover	Species		Number of Dominan		-		
1.Salix lasiolepis	15	Yes	FACW	That Are OBL, FAC			;	(A)
2.				_ _ Total Number of Do	minant			
3.				Species Across All S		6	-)	(B)
4.				Percent of Dominan	t Snecies			
Total Cover Sapling/Shrub Stratum	15 %			That Are OBL, FAC		_	.0 %	(A/B)
1.Baccharis salicifolia	10	Yes	FAC	Prevalence Index v	vorkshee	et:		
2. Baccharis sarothroides	5	Yes	FACU	Total % Cover o	of:	Mu l tipl	y by:	
3.		- 105		OBL species		x 1 =	0	
4.				FACW species	15	x 2 =	30	
5.				FAC species	25	x 3 =	75	
Total Cover	15 %			FACU species	10	x 4 =	40	
Herb Stratum				UPL species	5	x 5 =	25	
1. Claytonia perfoliata	15	Yes	FAC	_ Column Totals:	55	(A)	170	(B)
² Festuca myuros		Yes	FACU	Prevalence Inc	dex = B/A	A =	3.09	
3. Carduus picnocephalus 4.	5	Yes	UPL	Hydrophytic Veget	ation Ind	licators:	3.07	
5.		-	_	Dominance Tes	t is >50%	, 0		
6.			-	Prevalence Inde	ex is ≤3.0	1		
7.			_	Morphological A				ng
8.			_	data in Rem		-		
Total Cover	25 %			Problematic Hy	uropnytic	vegetation	(⊏xp i ain	1)
Woody Vine Stratum				¹ Indicators of hydric	soil and	wetland hy	drology r	must
1. <u>None</u>	-	-		be present.	Jon and	wedana ny	urology r	iiust
2	: %			Hydrophytic				
Total Cover	. /0							
$$\operatorname{Total}\nolimits$ Cover $%$ Bare Ground in Herb Stratum $$10\%$$ % Cover	of Biotic C		0 %	Vegetation Present?	Yes 🔘	No (

SOIL Sampling Point: G(2)

Profile Des	cription: (Describe	to the depth n	eeded to docur	ment the indicator	or confirm	n the absence of in	dicators.)
Depth	Matrix			x Features		_ 2	
(inches)	Color (moist)	% C	Color (moist)	%Type ¹	Loc ²	Texture ³	Remarks
0-2	10YR 2/2	100				sandy loam	
2-14	10YR 3/2	100				sandy loam	
	101103/2			·		- Suriay Touri	
-		. ———					
				· —— ·			
	_						
,	Concentration, D=Dep				-	C=Root Channel, M	
³ Soil Textur	es: Clay, Silty Clay, S	Sandy Clay, Lo	am, Sandy Clay	Loam, Sandy Loar	n, Clay Loa	am, Silty Clay Loam,	Silt Loam, Silt, Loamy Sand, Sand.
Hydric Soil	Indicators: (Applicabl	le to all LRRs, ι	ınless otherwise	noted.)		Indicators for Pr	oblematic Hydric Soils⁴:
Histoso			Sandy Redo	, ,			(A9) (LRR C)
	Epipedon (A2)		Stripped Ma	, ,			(A10) (LRR B)
	Histic (A3)			ky Mineral (F1)		Reduced Ve	
1 🗀 🗀	jen Sulfide (A4)	.,		/ed Matrix (F2)		<u> </u>	Material (TF2)
l	ed Layers (A5) (LRR (;)	Depleted M	, ,		U Other (Expl	ain in Remarks)
	luck (A9) (LRR D) ed Below Dark Surface	· (A11)		Surface (F6) ark Surface (F7)			
1 L	oark Surface (A12)	s (A11)		ressions (F8)			
	Mucky Mineral (S1)		Vernal Pool			⁴ Indicators of hy	drophytic vegetation and
1 🗀 -	Gleyed Matrix (S4)		Vornari oo	io (i o)		-	ology must be present.
	Layer (if present):					1	
Type:	Layor (ii procont).						
Depth (ii	nohos):		_			Hudria Cail Broa	ent? Yes No 💿
, ,						Hydric Soil Pres	ent? Yes No •
Remarks: N	No soil indicators pr	esent.					
HYDROLO	nev						
1	ydrology Indicators:						Indicators (2 or more required)
Primary Ind	icators (any one indic	ator is sufficien	t)			Water	Marks (B1) (Riverine)
Surface	e Water (A1)		Salt Crust	(B11)		Sedime	ent Deposits (B2) (Riverine)
High W	/ater Table (A2)		Biotic Crus	st (B12)		Drift De	eposits (B3) (Riverine)
Saturat	tion (A3)		Aquatic In	vertebrates (B13)		Draina	ge Patterns (B10)
	Marks (B1) (Nonriver i	ne)	Hydrogen	Sulfide Odor (C1)		Dry-Se	ason Water Tab l e (C2)
Sedime	ent Deposits (B2) (No	nriverine)	Oxidized F	Rhizospheres a l ong	Living Roo	ots (C3) Thin M	uck Surface (C7)
Drift De	eposits (B3) (Nonrive i	ine)	Presence	of Reduced Iron (C	4)	Crayfis	h Burrows (C8)
Surface	e Soil Cracks (B6)		Recent Iro	n Reduction in Plo	wed Soi l s (C6) Satura	tion Visible on Aerial Imagery (C9)
Inunda	tion Visib l e on Aerial I	magery (B7)	Other (Exp	olain in Remarks)		Shallov	v Aquitard (D3)
Water-	Stained Leaves (B9)					FAC-N	eutral Test (D5)
Field Obse	rvations:						
Surface Wa	ater Present? Y	es No (Depth (in	ches):			
Water Table		es No (_				
Saturation F			_	· —			
	apillary fringe)	es 💿 No (Deptii (iii	ches): 12	Wetl	land Hydrology Pre	sent? Yes 💿 No 🔘
	ecorded Data (stream	gauge, monito	ring well, aerial	photos, previous in	spections),	if available:	
Remarks:							
US Army Corp	os of Engineers						

Project/Site: Southwest Village Specifi	c Plan Project		City/Count	y: San Dieg	0	Sampling	Date: 4/14/2	2020
Applicant/Owner: Pardee Homes					State: CA	Sampling	Point: G(3)	
Investigator(s): Beth Procsal and Anna	ı Leavitt		_Section,	Township, R	ange: Section 31, T18	S R01W		
Landform (hillslope, terrace, etc.): cany	on		_Local reli	ef (concave,	convex, none): concav	'e	_Slope (%):	0-2
Subregion (LRR): C		_Lat: <u>32.</u>	55917		Long: <u>-117.01750</u>		Datum: NAD)83
Soil Map Unit Name: Olivenhain cobb	ly loam, 30 to 50 perc	ent slopes	3		NWI classifica	ation: R4SBC	riverine	
Are climatic / hydrologic conditions on t	the site typical for this	time of ye	ar? Yes	X No	o(If no, explain	in Remarks.)		
Are Vegetation X, Soil ,	or Hydrology	_significar	ntly disturbe	ed?	Are "Normal Circumstar	ces" present?	? Yes <u>X</u>	_ No
Are Vegetation, Soil,	or Hydrology	_naturally	problemati	c? ((If needed, explain any a	answers in Re	marks.)	
SUMMARY OF FINDINGS – Attac	ch site map showi	ing samp	ling poin	t locations	s, transects, importa	ant features	, etc.	
Hydrophytic Vegetation Present?	Yes No	X						
Hydric Soil Present?	Yes No	X		e Sampled . in a Wetlan	Yes	No	Χ	
Wetland Hydrology Present?	Yes X No		WILII	iii a vvetiaiii	u: —			
Remarks: Sample point just outside a	ctive channel of Drair	nage G.						
VEGETATION – Use scientific na	ames of plants.							
Trop Stratum (Diet size)			ominant	Indicator	Dominance Test wo	rksheet:		
Tree Stratum (Plot size:)	Cover S	Species?	Status	Number of Dominant That Are OBL, FACW		0	(A)
2					Total Number of Dom	•		(^)
3.					Species Across All St		1	(B)
4.					Percent of Dominant			,
		=	Total Cove	r	That Are OBL, FACW	I, or FAC:	0	(A/B)
Sapling/Shrub Stratum (Plot size:)							
1					Prevalence Index we	orksheet:		
2					Total % Cover of:	<u> </u>	Multiply by:	
3					OBL species	x 1	=	
4					FACW species	x 2	=	_
5					FAC species	x 3		_
	, —	=	Total Cove	r		95 x 4		_
Herb Stratum (Plot size:)	05	V	E4.011		x 5	=	— (D)
1. Festuca myuros		95	Yes	FACU	Column Totals:	(A)		(B)
2. 3.					Prevalence In	$dex = B/A = \underline{4}.$	0	_
4.					Hydrophytic Vegete	tion Indicate		
					Hydrophytic Vegeta Dominance Te		13.	
6					Prevalence Ind			
7					Morphological A		Provide suni	norting
8.						narks or on a s		
		95 =	Total Cov	er	Problematic Hy	drophytic Vec	getation¹ (Ex	plain)
Woody Vine Stratum (Plot size:)					a opy o . o g) = 1 = 1	J
1					¹ Indicators of hydric	soil and wetla	ind hydrology	y must
2.					be present, unless d	isturbed or pr	oblematic.	
		=	Total Cove	r	Hydrophytic		· · · · · · · · · · · · · · · · · · ·	
0/ Page Ones and the Hard Of the		4 Di -41 C	4		Vegetation	V	NI- Y	
% Bare Ground in Herb Stratum	5 % Cover o				Present?	Yes	No X	
Remarks: Pedestrian trail near drainaç	je, dominated by non-	-native gra	isses.					

SOIL Sampling Point: WDP G-3____

Profile Desc	ription: (Describe	to the depth nee	ded to docum	ent the inc	dicator or o	confirm t	the absence	of indicato	rs.)	
Depth	Matrix			dox Featu			_			
(inches)	Color (moist)	% C	olor (moist)	%	Type ¹	Loc ²	Textur	e	Remarks	S
0-14	10YR 3/2	100					Sandy loa	m		
										_
										_
¹ Type: C=Co	ncentration, D=Depleti	on RM=Reduced Ma	atrix CS=Covere	d or Coated	Sand Grains	. 2	l ocation: PI =	Pore Lining R	C=Root Channel, M	=Matrix
	Indicators: (Appli	•				,.		<u> </u>	lematic Hydric S	
1 -		cable to all Living							-	ons .
— Histoso	pipedon (A2)			Redox (S5) I Matrix (S6				n Muck (A9) n Muck (A10	,	
_	istic (A3)			Mucky Min				uced Vertic		
_	en Sulfide (A4)			Gleyed Ma				Parent Mate	` '	
	d Layers (A5) (LRR) (C)		d Matrix (F				er (Explain in	` '	
	uck (A9) (LRR D)	(0)		Dark Surfac	,		—	o (Explain ii	i itemarks)	
	d Below Dark Surfa	ice (Δ11)		d Dark Sur	` '					
I — ·	ark Surface (A12)	100 (7117)		Depression			3Indicate	ors of hydron	hytic vegetation a	nd
	Mucky Mineral (S1)			Pools (F9)	3 (1 0)				y must be presen	
	Gleyed Matrix (S4)			0010 (1 0)					or problematic.	ι,
							1	oo diotal bod	or problemate.	
I _	Layer (if present):									
Type:										
Depth (inc	hes):						Hydric Soil	Present?	Yes	No <u>X</u>
Remarks: N	lo soil indictors pres	ent.					1			
	'									
HYDROLOG	SY									
Wetland Hy	drology Indicator	s:					9	Secondary I	ndicators (2 or n	nore required)
Primary Ind	icators (minimum o	f one required; che	eck all that appl	y)				Water Ma	arks (B1) (Riverin	e)
Surface	Water (A1)		Salt Crus	t (B11)				— Sediment	t Deposits (B2) (F	Riverine)
	ater Table (A2)		Biotic Cru				-		osits (B3) (Riveri	· ·
X Saturat	, ,			nvertebrate	se (B13)		_		Patterns (B10)	
l 	Marks (B1) (Nonriv e	orino)		n Sulfide O			_		son Water Table (C3)
					eres along l	Livina Da			,	G2)
I —	ent Deposits (B2) (N			•	U	U	ois (C3) _		k Surface (C7)	
	posits (B3) (Nonriv	rerine)			ed Iron (C4	-			Burrows (C8)	1.1(00)
	Soil Cracks (B6)	(5-)			ion in Tilled	Solis (Ci	b) _	_	n Visible on Aeria	i imagery (C9)
l —	ion Visible on Aeria			k Surface			_		Aquitard (D3)	
Water-S	Stained Leaves (B9)	Other (Ex	oplain in Re	emarks)		_	FAC-Neu	ıtral Test (D5)	
Field Obser	vations:									
Surface Wat	er Present?	Yes No _	X Depth (inc	hes):						
Water Table			X Depth (inc			_				
Saturation P	resent?		 Depth (inc		12	— Wetla	and Hydrolo	av Present	? Yes X	No
	pillary fringe)					_	,	3, 1100000		
Describe Rec	orded Data (stream	n gauge, monitorin	g well, aerial ph	notos, prev	ious inspec	ctions), if a	available:			
	,			•	·	•				
Remarks: Pe	destrian path is clo	se to drainge; satu	ıration was pre	sent.						

Project/Site: Southwest Village Specific Plan Project		City/C	ounty:San Dieg	go	Sam	pling Date:2	/13/202	0
Applicant/Owner: Pardee Homes				State:CA	Sam	pling Point: G	(b)(2)	
Investigator(s): JR. Sundberg		Section	on, Township, R	ange:Section 31, T1	8S R01V	v –		
Landform (hillslope, terrace, etc.): mesa top		Local	I relief (concave,	, convex, none):conc	ave	Slop	oe (%):0.	- 2
Subregion (LRR):C - Mediterranean California	Lat:32.5	55948		Long:-117.01789		 Datur	n:NAD	83
Soil Map Unit Name: Olivenhain cobbly loam, 30 to 50 p	ercent s	lopes		NWI cla	ssification:	none		
Are climatic / hydrologic conditions on the site typical for this t	ime of ye	ar? Y	es No ((If no, explain	in Remarl	 ks.)		
Are Vegetation Soil or Hydrology sig	nificantly	distur	bed? Are	"Normal Circumstand	es" preser	nt? Yes 💿	No	0
Are Vegetation Soil or Hydrology N na	turally pro	oblema	atic? (If n	needed, explain any ar	nswers in F	Remarks.)		
SUMMARY OF FINDINGS - Attach site map sh	nowing	sam	pling point I	locations, transe	cts, imp	ortant fea	atures,	etc.
Hydrophytic Vegetation Present? Yes No								
Hydric Soil Present? Yes No	~		Is the Sample	d Area				
Wetland Hydrology Present? Yes No	\sim		within a Wetla		0	No 📵		
Remarks: Sample point just outside ephemeral channe	l where	Drain	age G and G(t					
VECETATION								
VEGETATION	bsolute	Domi	inant Indicator	Dominance Test	workoboo	4.		
	% Cover			Number of Domina				
1. <i>None</i>			▼	-1				(A)
2.			<u> </u>	Total Number of D	ominant			
3.			T	_		2		(B)
4				Percent of Domina	int Species	3		
Sapling/Shrub Stratum	%			That Are OBL, FA		_	0 %	(A/B)
1.Baccharis salicifolia	35	Yes	FAC	Prevalence Index	workshee	et:		
2. Baccharis sarothroides	5	No	FACU	Total % Cover	of:	Multiply	/ by:	_
3.			▼	OBL species		x 1 =	0	
4.				FACW species		x 2 =	0	
5			<u> </u>	<u></u>	35	x 3 =	105	
Total Cover: Herb Stratum	40 %			FACU species	57	x 4 =	228	
1-Festuca myuros	40	Yes	EACH	UPL species	10	x 5 =	50	(D)
2. Baccharis sarothroides	10	No	FACU FACU	_ Column Totals:	102	(A)	383	(B)
3. Marrubium vulgare	2	No	FACU	Prevalence I	ndex = B//	A =	3.75	
4. Hesperocnide tenella	10	No	UPL	Hydrophytic Vege	etation Inc	dicators:		
5.			T	Dominance Te				
6.								
7.			T	Morphological		ns' (Provide n a separate		ng
8			V	Problematic H			•)
Total Cover: Woody Vine Stratum	62 %				, , ,	3	\ I	,
1.None			▼	¹ Indicators of hydr	ic soil and	l wetland hyd	drology r	nust
2.								
Total Cover:	%			= Hydrophytic				
% Bare Ground in Herb Stratum 20 % % Cover of	of Biotic C	Crust	0 %	Vegetation Present?	Yes (No (•)		
Remarks: Litter in herb stratum				1			-	
Litter in hero stratum								
1								

SOIL Sampling Point: G(b)(2)

Depth	scription: (Describe Matrix			x Features				•
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture ³	Remarks
0-2	10YR 3/2	100			\blacksquare	\blacksquare	sand	more organic at surface
2-18	10YR 4/2	100			<u> </u>		sand	with pebbles
							-	with peoples
-	-							
-	_				▼	\blacksquare		
	_				▼	▼		
					\blacksquare			
					▼	V		
						<u></u>		
¹ Type: C=0	 Concentration, D=Dep	letion. RM=	Reduced Matrix.	Location			C=Root Char	nnel, M=Matrix.
								Loam, Silt Loam, Silt, Loamy Sand, Sand
	Indicators: (Applicab							s for Problematic Hydric Soils:
Histos	ol (A1)		Sandy Redo	ox (S5)			1 cm	Muck (A9) (LRR C)
	Epipedon (A2)		Stripped M	, ,				Muck (A10) (LRR B)
	Histic (A3)		Loamy Mud	-				uced Vertic (F18)
	gen Sulfide (A4)	~ \	Loamy Gle	-	(F2)			Parent Material (TF2)
	ed Layers (A5) (LRR (Jluck (A9) (LRR D)	(ت	Depleted M	. ,	(E6)		U Otne	r (Exp l ain in Remarks)
	ed Below Dark Surfac	e (A11)	Depleted D		,			
	Dark Surface (A12)	• ()	Redox Dep					
Sandy	Mucky Mineral (S1)		Vernal Poo		•		⁴Indicator	s of hydrophytic vegetation and
Sandy	Gleyed Matrix (S4)						wetlar	nd hydrology must be present.
Restrictive	e Layer (if present):							
Type:								
Depth (i	inches):						Hydric So	oil Present? Yes No No
Remarks:]	No soil indicators p	resent.					•	
	_							
HADBUT	OGY							
							Soo	ondon, Indicators (2 or more required)
Wetland H	lydrology Indicators:		· · · · · ·					ondary Indicators (2 or more required)
Wetland H	lydrology Indicators: dicators (any one indic							Water Marks (B1) (Riverine)
Wetland H Primary Inc	lydrology Indicators: dicators (any one indic e Water (A1)		Salt Crust				_ 🗒	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Wetland H Primary Inc Surfac High V	lydrology Indicators: dicators (any one indic se Water (A1) Vater Table (A2)		Salt Crust Biotic Cru	ıst (B12)	o (P12)		 	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Primary Ind Surfac High V Satura	lydrology Indicators: dicators (any one indicators (A1) we Water (A1) Water Table (A2) ution (A3)	ator is suffic	Salt Crust Biotic Cru Aquatic In	st (B12) overtebrate	` ′		_	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Wetland H Primary Inc Surfac High V Satura Water	lydrology Indicators: dicators (any one indic se Water (A1) Vater Table (A2) ttion (A3) Marks (B1) (Nonriver	ator is suffic	Salt Crust Biotic Cru Aquatic In Hydrogen	ist (B12) nvertebrate Su l fide Od	dor (C1)	iving Po	_	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
Wetland H Primary Ind Surfac High V Satura Water Sedime	dicators: (any one indicators: dicators (any one indicators) (any one in	ine) nriverine)	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized	ist (B12) nvertebrate Sulfide Od Rhizosphe	dor (C1) res along L			Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Wetland H Primary Inc Surfac High W Satura Water Sedime	dicators (any one indicators: dicators (any one indicators) Water (A1) Vater Table (A2) Aution (A3) Marks (B1) (Nonriver ent Deposits (B2) (No	ine) nriverine)	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I	st (B12) nvertebrate Sulfide Oo Rhizosphe of Reduce	dor (C1) res along L d Iron (C4))		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Wetland H Primary Inc Surfac High V Satura Water Sedim Drift De	dicators (any one indicators: dicators (any one indicators (A1) Vater Table (A2) Aution (A3) Marks (B1) (Nonriverent Deposits (B2) (Nonriverence Soil Cracks (B6)	ator is suffici ine) nriverine) rine)	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized Presence Recent Iro	ist (B12) nvertebrate Sulfide Oo Rhizosphe of Reduce on Reducti	dor (C1) res along L d Iron (C4) on in Plowe)	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
Wetland H Primary Inc Surfac High V Satura Water Sedime Drift De Surfac	dicators: (any one indicators: dicators (any one indicators (any one indicators) (any one ind	ator is suffici ine) nriverine) rine)	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized Presence Recent Iro	st (B12) nvertebrate Sulfide Oo Rhizosphe of Reduce	dor (C1) res along L d Iron (C4) on in Plowe)	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Wetland H Primary Inc Surfac High V Satura Water Sedime Drift De Surfac Inunda Water-	dicators: dicators (any one indicators: dicators (any one indicators) de Water (A1) Vater Table (A2) dition (A3) Marks (B1) (Nonriver) ent Deposits (B2) (Noneposits (B3) (Nonriver) de Soil Cracks (B6) dition Visible on Aerial II -Stained Leaves (B9)	ator is suffici ine) nriverine) rine)	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized Presence Recent Iro	ist (B12) nvertebrate Sulfide Oo Rhizosphe of Reduce on Reducti	dor (C1) res along L d Iron (C4) on in Plowe)	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
Wetland H Primary Ind Surfac High V Satura Water Sedim Drift D Surfac Inunda Water- Field Obse	dicators (any one indicators: dicators (any one indicators (any one indicators) (any one indi	ine) nriverine) rine)	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Ird Other (Ex	st (B12) nvertebrate i Sulfide Oo Rhizosphe of Reduce on Reducti plain in Re	dor (C1) res along L d Iron (C4) on in Plowe)	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Wetland H Primary Inc Surfac High V Satura Water Sedim Drift Do Surfac Inunda Water- Field Obse	lydrology Indicators: dicators (any one indicators (any one indicators) de Water (A1) Vater Table (A2) Aution (A3) Marks (B1) (Nonriver ent Deposits (B2) (Nonriver ent Deposits (B3) (Nonriver ee Soil Cracks (B6) ation Visible on Aerial I -Stained Leaves (B9) ervations: ater Present?	ine) nriverine) rine) Imagery (B7	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized Presence Recent Irc Other (Ex	st (B12) nvertebrate Sulfide Oo Rhizosphe of Reduce on Reducti plain in Re	dor (C1) res along L d Iron (C4) on in Plowe)	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Wetland H Primary Ind Surfac High V Satura Water Sedime Surfac Inunda Water- Field Obse Surface Water Table	lydrology Indicators: dicators (any one indicators (any one indicators) de Water (A1) Vater Table (A2) dition (A3) Marks (B1) (Nonriver) ent Deposits (B2) (Noneposits (B3) (Nonriver) de Soil Cracks (B6) dition Visible on Aerial II -Stained Leaves (B9) dervations: de Present? Yele Present? Yele Present?	ine) nriverine) rine) Imagery (B7	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized Presence Recent Ird Other (Ex	st (B12) nvertebrate sulfide Or Rhizosphe of Reduce on Reducti plain in Re	dor (C1) res along L d Iron (C4) on in Plowe marks))	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Wetland H Primary Ind Surfac High W Satura Water Sedime Surfac Inunda Water- Field Obse Surface Water Tabl Saturation	lydrology Indicators: dicators (any one indicators (any one indicators) de Water (A1) Vater Table (A2) dition (A3) Marks (B1) (Nonriver) ent Deposits (B2) (Noneposits (B3) (Nonriver) de Soil Cracks (B6) dition Visible on Aerial II -Stained Leaves (B9) dervations: de Present? Yele Present? Yele Present?	ine) nriverine) rine) Imagery (B7	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized Presence Recent Irc Other (Ex	st (B12) nvertebrate sulfide Or Rhizosphe of Reduce on Reducti plain in Re	dor (C1) res along L d Iron (C4) on in Plowe) ed Soils (ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Wetland H Primary Ind Surfac High W Satura Water Sedime Drift De Surfac Inunda Water- Field Obse Surface Water Tabl Saturation (includes co	dicators (any one indicators: dicators (any one indicators (any one indicators) de Water (A1) Vater Table (A2) dition (A3) Marks (B1) (Nonriver ent Deposits (B2) (No eposits (B3) (Nonriver de Soil Cracks (B6) dition Visible on Aerial I distributions: ater Present? Present? Y Present? Y	ine) nriverine) rine) Imagery (B7	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized Presence Recent Iro Other (Ex	st (B12) nvertebrate sulfide Or Rhizosphe of Reduce on Reducti plain in Re nches): nches):	dor (C1) res along L d Iron (C4) on in Plowe marks)) ed Soils (ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland H Primary Ind Surfac High W Satura Water Sedime Drift De Surfac Inunda Water- Field Obse Surface Water Tabl Saturation (includes co	lydrology Indicators: dicators (any one indicators (any one indica	ine) nriverine) rine) Imagery (B7	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized Presence Recent Iro Other (Ex	st (B12) nvertebrate sulfide Or Rhizosphe of Reduce on Reducti plain in Re nches): nches):	dor (C1) res along L d Iron (C4) on in Plowe marks)) ed Soils (ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland H Primary Ind Surface High V Satura Water Sedim Surface Inunda Water- Field Obse Surface Water Tabl Saturation (includes co	lydrology Indicators: dicators (any one indicators (any one indica	ine) nriverine) rine) Imagery (B7 Yes	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Iro Other (Ex	st (B12) nvertebrate i Sulfide Oo Rhizosphe of Reduce on Reducti plain in Re inches): inches): photos, pr	dor (C1) res along L res along L red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4)	wetle	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland H Primary Ind Surface High V Satura Water Sedim Surface Inunda Water- Field Obse Surface Water Tabl Saturation (includes co	dicators (any one indicators: dicators (any one indicators (and indicators) (and indicators) (and indicators) (and indicators) (and indicators) (and indicators) (any one indicators)	ine) nriverine) rine) Imagery (B7 Yes	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Iro Other (Ex	st (B12) nvertebrate i Sulfide Oo Rhizosphe of Reduce on Reducti plain in Re inches): inches): photos, pr	dor (C1) res along L res along L red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4)	wetle	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland H Primary Ind Surface High V Satura Water Sedim Surface Inunda Water- Field Obse Surface Water Tabl Saturation (includes co	dicators (any one indicators: dicators (any one indicators (and indicators) (and indicators) (and indicators) (and indicators) (and indicators) (and indicators) (any one indicators)	ine) nriverine) rine) Imagery (B7 Yes	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Iro Other (Ex	st (B12) nvertebrate i Sulfide Oo Rhizosphe of Reduce on Reducti plain in Re inches): inches): photos, pr	dor (C1) res along L res along L red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4)	wetle	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland H Primary Ind Surface High V Satura Water Sedim Surface Inunda Water- Field Obse Surface Water Tabl Saturation (includes co	dicators (any one indicators: dicators (any one indicators (and indicators) (and indicators) (and indicators) (and indicators) (and indicators) (and indicators) (any one indicators)	ine) nriverine) rine) Imagery (B7 Yes	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Iro Other (Ex	st (B12) nvertebrate i Sulfide Oo Rhizosphe of Reduce on Reducti plain in Re inches): inches): photos, pr	dor (C1) res along L res along L red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4)	wetle	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland H Primary Ind Surface High V Satura Water Sedime Drift De Surface Inunda Water- Field Obse Surface Water Tabl Saturation (includes co	dicators (any one indicators: dicators (any one indicators (and indicators) (and indicators) (and indicators) (and indicators) (and indicators) (and indicators) (any one indicators)	ine) nriverine) rine) Imagery (B7 Yes	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Iro Other (Ex	st (B12) nvertebrate i Sulfide Oo Rhizosphe of Reduce on Reducti plain in Re inches): inches): photos, pr	dor (C1) res along L res along L red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4) red Iron (C4)	wetlections),	ots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)

Project/Site: Southwest Village Specific Plan	n Project		City/Coun	ty: San Dieg	0	Sampli	ing Date:	2/13/2020)
Applicant/Owner: Pardee Homes					State: C	CA Sampli	ing Point:	WDP G(b)	ı)-3
Investigator(s): JR Sundberg			Section,	Township, R	Range: Section 31, T	T18S R01W			
Landform (hillslope, terrace, etc.): low terrace	е		Local rel	ief (concave	, convex, none): con	cave	Slope	∍ (%): <u>0-2</u>	<u>,</u>
Subregion (LRR): C		Lat:	32.55947		Long: <u>-117.01792</u>		Datum	: <u>NAD83</u>	
Soil Map Unit Name: Olivenhain cobbly loan	m, 30 to 50	percent slo	pes		NWI class	ification: R4S	BC (riverir	ne)	
Are climatic / hydrologic conditions on the sit	e typical fo	r this time of	f year? Yes	X No	o(If no, exp	lain in Remarl	ks.)		
Are Vegetation X, Soil , or Hy	/drology _	signif	icantly disturb	ed?	Are "Normal Circums	stances" prese	ent? Yes	XNo)
Are Vegetation, Soil, or Hy	/drology	natur	ally problemat	tic?	(If needed, explain a	ny answers in	Remarks.	.)	
SUMMARY OF FINDINGS – Attach si	te map sh	owing sa	mpling poir	nt locations	s, transects, impo	ortant featui	res, etc.		
Hydrophytic Vegetation Present? Ye	es	No X			_				
Hydric Soil Present? Ye	es	No X		ne Sampled nin a Wetlan	Ye	s N	No X		
Wetland Hydrology Present? Ye	es	No X	WILL	iiii a vvetiaii	u:				
Remarks: Sample point along Drainage G(VEGETATION – Use scientific names		5.							
T 01 1 (D) 1	,	Absolute	Dominant	Indicator	Dominance Test	worksheet:			
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Domin			0 /	(A)
2.					That Are OBL, FA	,		0 ((A)
3					Total Number of D Species Across Al			2 (/D\
4.					Percent of Domina			3 ((B)
			= Total Cove	er	That Are OBL, FA	CW, or FAC:		0 ((A/B)
Sapling/Shrub Stratum (Plot size:)								
1. Simmondsia chinensis		40	Yes	UPL	Prevalence Index	worksheet:			
2. Baccharis sarothroides		5	No	FACU	Total % Cove	r of:	Multiply	y by:	
3. Artemisia californica		2	No	UPL	OBL species		x 1 =		
4.					FACW species		x 2 =		
5					FAC species		x 3 =		
		47	= Total Cove	er	FACU species	40	x 4 =	160	
Herb Stratum (Plot size:)				UPL species			285	
1. Festuca myuros		30	Yes	FACU	Column Totals:	97 ((A)	445 (B	3)
2. Centaurea melitensis		5	No	UPL	Prevalence	e Index = B/A	= 4.5		
3. Melilotus indicus		5	No	FACU					
4. Avena barbata		10	Yes	UPL	Hydrophytic Veg				
5.						Test is >50%			
6. 7.					l ——	Index is ≤3.0 ¹			
8.						cal Adaptation Remarks or on			ng
o		50	= Total Cov	er		: Hydrophytic		•	٠,١
 Woody Vine Stratum (Plot size:)		10101 001	-Oi	FIODIEITIALIC	, i iyulopiiyuc	vegetatioi	i (Explaiii	1)
1					¹ Indicators of hyd	dric soil and w	etland hvd	roloav mu	ıst
2.					be present, unles				
			= Total Cove	er	Hydrophytic				
W B	0/ 0	(5) (Vegetation	V		v	
% Bare Ground in Herb Stratum5		ver of Biotic	Crust		Present?	Yes	No	X	
Remarks: Litter and cobble present - rest pf	cover in he	erb stratum.							

SOIL Sampling Point: WDP G(b)-3

Depth	Matrix Color (maist)	——————————————————————————————————————	Redox Features		turo	Domarko
(inches)	Color (moist)		Color (moist) % Type ¹		ture	Remarks
0-6	10YR 3/3			sandy I		
6-16	10YR 3/2			sandy l	oam	
		·				
		·				
¹ Type: C=Co	ncentration D=Depletio	 n_RM=Reduced M		2 ocation: F	PI =Pore Lining RC=	Root Channel, M=Matrix.
			s, unless otherwise noted.)			natic Hydric Soils ³ :
Histoso			Sandy Redox (S5)		cm Muck (A9) (L	•
	pipedon (A2)		Stripped Matrix (S6)		cm Muck (A10) (′
_	listic (A3)		Loamy Mucky Mineral (F1)		leduced Vertic (F	
	en Sulfide (A4)		Loamy Gleyed Matrix (F2)		ted Parent Materia	′
Stratifie	d Layers (A5) (LRR	C)	Depleted Matrix (F3)	<u> </u>	ther (Explain in F	Remarks)
	uck (A9) (LRR D)	•	Redox Dark Surface (F6)			,
Deplete	ed Below Dark Surfac	e (A11)	Depleted Dark Surface (F7)			
Thick D	ark Surface (A12)		Redox Depressions (F8)	³ Indic	ators of hydrophy	tic vegetation and
Sandy	Mucky Mineral (S1)		Vernal Pools (F9)	W	etland hydrology i	must be present,
Sandy	Gleyed Matrix (S4)			ur	nless disturbed or	problematic.
Restrictive	Layer (if present):					
Type:						
. , , , ,						
Depth (inc	ches):			Hydric S	oil Present?	Yes NoX
Depth (inc	ches):lo soil indictors prese	ent.		Hydric S	oil Present?	Yes No _ X
Depth (ind Remarks: N	lo soil indictors prese	ent.		Hydric S	oil Present?	Yes No _ X
Depth (inc Remarks: N	lo soil indictors prese			Hydric S		
Depth (ind Remarks: N YDROLOG Wetland H	lo soil indictors prese	:	eck all that apply)	Hydric S	Secondary Ind	licators (2 or more require
Depth (ind Remarks: N YDROLO Wetland H Primary Ind	GY ydrology Indicators icators (minimum of	:		Hydric S	Secondary Ind	licators (2 or more require
Depth (inc Remarks: N YDROLO Wetland H Primary Inc Surface	GY ydrology Indicators icators (minimum of a	:	Salt Crust (B11)	Hydric S	Secondary Ind Water Mark Sediment D	licators (2 or more require is (B1) (Riverine) Deposits (B2) (Riverine)
Primary Inc. Surface High W	olo soil indictors presentations indicators (minimum of each water (A1) vater Table (A2)	:	Salt Crust (B11) Biotic Crust (B12)	Hydric S	Secondary Ind Water Mark Sediment D Drift Deposi	licators (2 or more require is (B1) (Riverine) deposits (B2) (Riverine) its (B3) (Riverine)
Primary Inc Surface High W Satura	Jo soil indictors presented by ydrology Indicators (minimum of a Water (A1) (ater Table (A2) (A3)	: one required; ch	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13)	Hydric S	Secondary Ind Water Mark Sediment D Drift Deposi	licators (2 or more require is (B1) (Riverine) deposits (B2) (Riverine) its (B3) (Riverine) atterns (B10)
Depth (ind Remarks: N YDROLOG Wetland H Primary Ind Surface High W Satura Water	do soil indictors presented by the soil indictors presented by the soil indictors presented by the soil indicators (minimum of the Water (A1) (ater Table (A2) ion (A3) (Marks (B1) (Nonriver)	: one required; ch	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1)		Secondary Ind Water Mark Sediment D Drift Deposi Drainage P Dry-Seasor	licators (2 or more require is (B1) (Riverine) Deposits (B2) (Riverine) its (B3) (Riverine) atterns (B10)
Primary Inc. Surface High W Satura Water Sedime	do soil indictors presented by soil indictors presented by soil indictors presented by soil indicators (minimum of experiment (Mater Table (Mater Ta	: one required; ch rine) onriverine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along	Living Roots (C3)	Secondary Ind Water Mark Sediment D Drift Deposi Drainage P Dry-Seasor Thin Muck S	licators (2 or more require is (B1) (Riverine) Deposits (B2) (Riverine) its (B3) (Riverine) atterns (B10) in Water Table (C2) Surface (C7)
Depth (inc Remarks: N Primary Inc Surface High W Satura Water Sedime Drift De	ydrology Indicators icators (minimum of above Water (A1) later Table (A2) ion (A3) Marks (B1) (Nonrivel ent Deposits (B2) (No	: one required; ch rine) onriverine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4	Living Roots (C3)	Secondary Ind Water Mark Sediment D Drift Deposi Drainage P Dry-Seasor Thin Muck S Crayfish Bu	licators (2 or more require is (B1) (Riverine) Deposits (B2) (Riverine) its (B3) (Riverine) atterns (B10) in Water Table (C2) Surface (C7)
Depth (inc Remarks: N Primary Inc Surface High W Satura Water Sedime Drift De Surface	do soil indictors presented by soil indictors presented by soil indictors presented by soil indicators (minimum of a water (A1) (ater Table (A2) ion (A3) (Marks (B1) (Nonriver Deposits (B2) (Nonriver Deposits (B3) (Nonriver Basic (B3) (Nonriver Basic (B6))	: one required; ch rine) onriverine) erine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled	Living Roots (C3)	Secondary Ind Water Mark Sediment D Drift Deposi Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N	licators (2 or more require is (B1) (Riverine) Deposits (B2) (Riverine) its (B3) (Riverine) atterns (B10) in Water Table (C2) Surface (C7) irrows (C8) Visible on Aerial Imagery (Ca
YDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface	do soil indictors preserved by soil indictors preserved by the soil indictors preserved by the soil indicators (minimum of a water (A1) (ater Table (A2) ion (A3) (Marks (B1) (Nonriverse Deposits (B2) (Nonriverse Soil Cracks (B6) ition Visible on Aerial	: one required; ch rine) onriverine) erine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Thin Muck Surface (C7)	Living Roots (C3)	Secondary Ind Water Mark Sediment D Drift Depose Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N Shallow Aq	licators (2 or more require is (B1) (Riverine) Deposits (B2) (Riverine) dits (B3) (Riverine) atterns (B10) in Water Table (C2) Surface (C7) Jurrows (C8) Visible on Aerial Imagery (Cautard (D3)
Depth (inc Remarks: N Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda	do soil indictors presented by soil indictors presented by soil indictors presented by soil indicators (minimum of a water (A1) (ater Table (A2) ion (A3) (Marks (B1) (Nonriver Deposits (B2) (Nonriver Deposits (B3) (Nonriver Basic (B3) (Nonriver Basic (B6))	: one required; ch rine) onriverine) erine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled	Living Roots (C3)	Secondary Ind Water Mark Sediment D Drift Deposi Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N	licators (2 or more require is (B1) (Riverine) Deposits (B2) (Riverine) dits (B3) (Riverine) atterns (B10) in Water Table (C2) Surface (C7) Jurrows (C8) Visible on Aerial Imagery (Cautard (D3)
Depth (incomplete in the content of	ydrology Indicators icators (minimum of extra Table (A2) ion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No eposits (B3) (Nonriver es Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) evations:	: one required; ch rine) onriverine) erine) Imagery (B7)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled Thin Muck Surface (C7) Other (Explain in Remarks)	Living Roots (C3)	Secondary Ind Water Mark Sediment D Drift Depose Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N Shallow Aq	licators (2 or more require is (B1) (Riverine) Deposits (B2) (Riverine) dits (B3) (Riverine) atterns (B10) in Water Table (C2) Surface (C7) Jurrows (C8) Visible on Aerial Imagery (Cautard (D3)
Depth (ind Remarks: N YDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda Water- Field Obse Surface Wa	do soil indictors presented by soil indictors presented by soil indictors presented by soil indicators (minimum of a water (A1) (ater Table (A2) ion (A3) (Marks (B1) (Nonrive and Deposits (B2) (Nonrive a Soil Cracks (B6) tion Visible on Aerial Stained Leaves (B9) (vations: ter Present?	: one required; ch rine) onriverine) erine) Imagery (B7)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled Thin Muck Surface (C7) Other (Explain in Remarks) X Depth (inches):	Living Roots (C3)	Secondary Ind Water Mark Sediment D Drift Depose Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N Shallow Aq	licators (2 or more require is (B1) (Riverine) Deposits (B2) (Riverine) dits (B3) (Riverine) atterns (B10) in Water Table (C2) Surface (C7) Jurrows (C8) Visible on Aerial Imagery (Cautard (D3)
Primary Inc Surface High W Satura Water Sedime Drift De Surface Hunda Water- Field Obse Surface Water Table	do soil indictors presentations indictors presentations (minimum of a water (A1) (atter Table (A2) ion (A3) (Marks (B1) (Nonriver table (B2) (Nonriver table (B3) (Nonriver table	: cone required; ch crine) crine) Imagery (B7) (es No	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Thin Muck Surface (C7) Other (Explain in Remarks) X Depth (inches): X Depth (inches):	Living Roots (C3)	Secondary Ind Water Mark Sediment D Drift Depose Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N Shallow Aq FAC-Neutra	licators (2 or more require is (B1) (Riverine) deposits (B2) (Riverine) dits (B3) (Riverine) atterns (B10) in Water Table (C2) Surface (C7) durrows (C8) Visible on Aerial Imagery (Cautard (D3) al Test (D5)
Depth (ind Remarks: N IYDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda Water- Field Obse Surface Wa Water Table Saturation F	do soil indictors preserved to soil indictors preserved to soil indictors preserved to soil indicators (minimum of a water (A1) (ater Table (A2) ion (A3) (Marks (B1) (Nonrivered to Deposits (B2) (Norivered to Soil Cracks (B6) ition Visible on Aerial Stained Leaves (B9) (Norivered to Stained t	: cone required; ch crine) crine) Imagery (B7) (es No (es No	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled Thin Muck Surface (C7) Other (Explain in Remarks) X Depth (inches):	Living Roots (C3)	Secondary Ind Water Mark Sediment D Drift Depose Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N Shallow Aq	licators (2 or more require is (B1) (Riverine) Deposits (B2) (Riverine) dits (B3) (Riverine) atterns (B10) in Water Table (C2) Surface (C7) Jurrows (C8) Visible on Aerial Imagery (Cautard (D3)
Depth (inc Remarks: N IYDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda Water- Field Obse Surface Wa Water Table Saturation F (includes ca	do soil indictors present of the latest present? Por purpose of the latest present of the latest present of the latest point of the latest present of the	: one required; ch rine) onriverine) erine) Imagery (B7) /es No /es No /es No	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled Thin Muck Surface (C7) Other (Explain in Remarks) X Depth (inches): X Depth (inches): X Depth (inches):	Living Roots (C3) I) d Soils (C6) Wetland Hydro	Secondary Ind Water Mark Sediment D Drift Depose Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N Shallow Aq FAC-Neutra	licators (2 or more require is (B1) (Riverine) deposits (B2) (Riverine) dits (B3) (Riverine) atterns (B10) in Water Table (C2) Surface (C7) durrows (C8) Visible on Aerial Imagery (Cautard (D3) al Test (D5)
Depth (inc Remarks: N IYDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda Water- Field Obse Surface Wa Water Table Saturation F (includes ca	do soil indictors present of the latest present? Por purpose of the latest present of the latest present of the latest point of the latest present of the	: one required; ch rine) onriverine) erine) Imagery (B7) /es No /es No /es No	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Thin Muck Surface (C7) Other (Explain in Remarks) X Depth (inches): X Depth (inches):	Living Roots (C3) I) d Soils (C6) Wetland Hydro	Secondary Ind Water Mark Sediment D Drift Depose Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N Shallow Aq FAC-Neutra	licators (2 or more require is (B1) (Riverine) deposits (B2) (Riverine) dits (B3) (Riverine) atterns (B10) in Water Table (C2) Surface (C7) durrows (C8) Visible on Aerial Imagery (Cautard (D3) al Test (D5)
Depth (inc Remarks: N IYDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda Water- Field Obse Surface Wa Water Table Saturation F (includes ca	do soil indictors present of the latest present? Por purpose of the latest present of the latest present of the latest point of the latest present of the	: one required; ch rine) onriverine) erine) Imagery (B7) /es No /es No /es No	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled Thin Muck Surface (C7) Other (Explain in Remarks) X Depth (inches): X Depth (inches): X Depth (inches):	Living Roots (C3) I) d Soils (C6) Wetland Hydro	Secondary Ind Water Mark Sediment D Drift Depose Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N Shallow Aq FAC-Neutra	licators (2 or more require is (B1) (Riverine) deposits (B2) (Riverine) dits (B3) (Riverine) atterns (B10) in Water Table (C2) Surface (C7) durrows (C8) Visible on Aerial Imagery (Cautard (D3) al Test (D5)
Depth (ind Remarks: Note that the primary Ind Surface High Water Satura: Water Sedime Drift De Surface Inunda Water- Field Obse Surface Water- Field Obse Surface Water- Field Obse Saturation Fereign (includes case)	do soil indictors present of the latest present? Por purpose of the latest present of the latest present of the latest point of the latest present of the	: one required; ch rine) onriverine) erine) Imagery (B7) /es No /es No /es No gauge, monitorir	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled Thin Muck Surface (C7) Other (Explain in Remarks) X Depth (inches): X Depth (inches): X Depth (inches):	Living Roots (C3) I) d Soils (C6) Wetland Hydro	Secondary Ind Water Mark Sediment D Drift Depose Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N Shallow Aq FAC-Neutra	licators (2 or more require is (B1) (Riverine) deposits (B2) (Riverine) dits (B3) (Riverine) atterns (B10) in Water Table (C2) Surface (C7) durrows (C8) Visible on Aerial Imagery (Cautard (D3) al Test (D5)
Primary Inc. Surface High W Satura Water Sedime Drift De Surface Inunda Water- Field Obse Surface Wa Water Table Saturation F (includes ca	do soil indictors presentations indictors presentations (minimum of a Water (A1) (Monriver and Deposits (B2) (Nonriver and Deposits (B3) (Nonriver and Deposits (B4) (Nonriver and Deposits (B4) (Nonriver and Deposits (B4) (Nonr	: one required; ch rine) onriverine) erine) Imagery (B7) /es No /es No /es No gauge, monitorir	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled Thin Muck Surface (C7) Other (Explain in Remarks) X Depth (inches): X Depth (inches): X Depth (inches):	Living Roots (C3) I) d Soils (C6) Wetland Hydro	Secondary Ind Water Mark Sediment D Drift Depose Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N Shallow Aq FAC-Neutra	licators (2 or more require is (B1) (Riverine) deposits (B2) (Riverine) dits (B3) (Riverine) atterns (B10) in Water Table (C2) Surface (C7) durrows (C8) Visible on Aerial Imagery (Cautard (D3) al Test (D5)
Primary Inc. Surface High W Satura Water Sedime Drift De Surface Inunda Water- Field Obse Surface Wa Water Table Saturation F (includes ca	do soil indictors presentations indictors presentations (minimum of a Water (A1) (Monriver and Deposits (B2) (Nonriver and Deposits (B3) (Nonriver and Deposits (B4) (Nonriver and Deposits (B4) (Nonriver and Deposits (B4) (Nonr	: one required; ch rine) onriverine) erine) Imagery (B7) /es No /es No /es No gauge, monitorir	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres along Presence of Reduced Iron (C4 Recent Iron Reduction in Tilled Thin Muck Surface (C7) Other (Explain in Remarks) X Depth (inches): X Depth (inches): X Depth (inches):	Living Roots (C3) I) d Soils (C6) Wetland Hydro	Secondary Ind Water Mark Sediment D Drift Depose Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N Shallow Aq FAC-Neutra	licators (2 or more required is (B1) (Riverine) Deposits (B2) (Riverine) Eatterns (B10) Deposits (B10) Deposits (B10) Deposits (B2) (Riverine) Deposits (Riverine) Deposits (B2) (Riverine) Deposits (Riverine) Deposits (Riverine) Deposits (Riverine) Deposits (Riverine) Deposits (Riverine) Deposits (Riverine) Deposits (Riverine) Deposits (Riverine

		-	^{ty:} San Dieg	,0		npling Date: <u>′</u>	2/10/202	<u>0 </u>
pplicant/Owner: Pardee Homes				State:CA	Sar	npling Point:	O(1)	
vestigator(s): JR. Sundberg		Section, T	Township, Ra	ange:Section 31, T1	— 8S R01	W		
andform (hillslope, terrace, etc.): mesa top				convex, none):conca			pe (%):0-	
ubregion (LRR):C - Mediterranean California	Lat:32.5			Long:-117.03729			ım:NAD	
oil Map Unit Name: Olivenhain cobbly loam, 30 to 50				_	sification	:R4SBC	111111	
re climatic / hydrologic conditions on the site typical for thi	•	•	• No (
	significant l y	•	~	"Normal Circumstance		•	No No	\sim
					•	_	, INO	\cup
	naturally pro		•	eeded, explain any an		•		
UMMARY OF FINDINGS - Attach site map	showing	samplii	ng point l	ocations, transe	cts, im	portant fe	atures,	etc.
Hydrophytic Vegetation Present? Yes 🕟 N	lo (
	lo 📵	ls.	the Sample	d Area				
	10 🔘		thin a Wetla		\circ	No 💿		
Remarks: Sample point at downstream terminus of I		I						
1 1	J		1					
EGETATION								
	Absolute		t Indicator	Dominance Test v	orkshe	et:		
Tree Stratum (Use scientific names.)	% Cover	Species?	Status_	Number of Domina				(8)
1. <u>None</u>	_			That Are OBL, FAC	W, or FA	AC:		(A)
2	_			Total Number of Do				
3			-	Species Across All	Strata:			(B)
4.				Percent of Domina		_		
Total Cove Sapling/Shrub Stratum	er: %			That Are OBL, FAC	VV, or FA	AC: 10	0.0%	(A/B)
¹ ·Baccharis salicifolia	30	Yes	FAC	Prevalence Index	workshe	et:		
² ·Ricinus communis	5	No	FACW*	Total % Cover	of:	Multip	ly by:	-
^{3.} Nicotiana glauca	5	No	FAC	OBL species		x 1 =	0	
4			_	FACW species	5	x 2 =	10	
5	_			FAC species	35	x 3 =	105	
Total Cove Herb Stratum	r: 40 %			FACU species		x 4 =	0	
1. _{None}				UPL species		x 5 =	0	(D)
2.	- 1		_	Column Totals:	40	(A)	115	(B)
3.			_	Prevalence Ir	dex = B	/A =	2.88	
4.	_			Hydrophytic Vege	tation In	dicators:		
5.				X Dominance Te	st is >50	%		
6.		-		X Prevalence Inc				
7.			-	Morphological		ons¹ (Provide on a separate		ng
8.				Problematic Hy		· ·		`
Total Cove	r: %			- Troblematie H	raiopilyti	c vegetation	(Explain)	,
Woody Vine Stratum				¹ Indicators of hydri	c soil an	d wetland h	/droloav r	nust
1. <i>None</i> 2.			-	be present.				
z Total Cove	r: %		_	Hydrophytic				
				Vegetation				
% Bare Ground in Herb Stratum0 % Cove	r of Biotic C	Crust	0 %	Present?	Yes 🖲	No ()	
			deposits.					

SOIL Sampling Point: $\underline{O(1)}$

Depth (inches)	Matrix		Redo	x Features					
(inches)	Color (moist)		olor (moist)	%	_Type ¹	_Loc²	Text	ure ³	Remarks
0-13	7.5YR 5/2	100					sandy loa	am	
13-20	7.5YR 5/3	100					sandy loa		contains some gravel
	7.51K 3/5						salidy 10	aiii	contains some graver
									_
									_
	-								_
1 T 0 - C		Jation DM-Day	l I Natair	21	DI D	11:-1:		21 1	NA BASES
	Concentration, D=Dep					_			, M=Matrix . m, Silt Loam, Silt, Loamy Sand, Sand .
	Indicators: (Applicab				iuy Luaiii	i, Clay Lua			Problematic Hydric Soils:
Histoso		ie to all LKKs, u	Sandy Red						ck (A9) (LRR C)
	pipedon (A2)		Stripped M	` '					ck (A10) (LRR B)
	listic (A3)		Loamy Mu	` '	I(F1)				Vertic (F18)
	en Sulfide (A4)		Loamy Gle	-					ent Material (TF2)
Stratifie	d Layers (A5) (LRR (C)	Depleted N	latrix (F3)				Other (E	xplain in Remarks)
	uck (A9) (LRR D)		Redox Dar		,				
	ed Below Dark Surfac	e (A11)	Depleted D						
	ark Surface (A12)		Redox Dep		-8)		4		
	Mucky Mineral (S1) Gleyed Matrix (S4)		Vernal Poo	ols (F9)					hydrophytic vegetation and hydrology must be present.
	Layer (if present):							etiano n	ydrology must be present.
	Layer (II present).								
Type: Depth (in	achoo):		_				I local mi	- Cail D	wasant2 Van C Na C
									resent? Yes No No
							channei.	The are	ea has a dynamic sedimentation an
eı	rosional regime. It	is not expecte				1	1 0	1 1 .	1 1 1
	ε	із пос ехрессе	ed that the wa	ter resides	on-site	long eno	ough for	a hydri	c soil to develop.
	C	is not expecte	ed that the wa	ter reside:	on-site	long eno	ough for	a hydri	c soil to develop.
		то пот ехресте	ed that the wa	ter reside:	s on-site	long eno	ough for	a hydri	c soil to develop.
HYDROLC	OGY		ed that the wa	ter reside:	s on-site	long eno			•
HYDROLC	OGY rdrology Indicators:			ter resides	s on-site	long eno		Seconda	ary Indicators (2 or more required)
HYDROLO Wetland Hy Primary Indi	OGY rdrology Indicators: icators (any one indic		t)		s on-site	long eno		Seconda	ary Indicators (2 or more required) ter Marks (B1) (Riverine)
HYDROLO Wetland Hy Primary Indi Surface	OGY rdrology Indicators: icators (any one indic		t)	t (B11)	s on-site	long eno		Seconda Wat	ary Indicators (2 or more required) ter Marks (B1) (Riverine) timent Deposits (B2) (Riverine)
HYDROLC Wetland Hy Primary Indi Surface High W	OGY rdrology Indicators: icators (any one indicators) Water (A1) rater Table (A2)		t) Salt Crusi	t (B11) st (B12)		long eno		Seconda Waf Seconda	ary Indicators (2 or more required) ter Marks (B1) (Riverine) timent Deposits (B2) (Riverine) t Deposits (B3) (Riverine)
HYDROLC Wetland Hy Primary Indi Surface High Wa	OGY Idrology Indicators: icators (any one indicators) Water (A1) later Table (A2) ion (A3)	ator is sufficient	t) Salt Crusi Biotic Cru Aquatic Ir	t (B11) st (B12) overtebrate	s (B13)	long eno		Seconda Wat Seconda Drif	ary Indicators (2 or more required) ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10)
HYDROLC Wetland Hy Primary Indi Surface High Water IN	OGY rdrology Indicators: icators (any one indice water (A1) rater Table (A2) ion (A3) Marks (B1) (Nonriver	ator is sufficient	t) Salt Crus Biotic Cru Aquatic Ir	t (B11) st (B12) overtebrate Sulfide Od	s (B13) lor (C1)			Seconda Wat Seconda Drift Dra Dry	ary Indicators (2 or more required) ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2)
HYDROLO Wetland Hy Primary Indi Surface High Water M Water M	ordrology Indicators: icators (any one indicators (any one indicators) water (A1) iater Table (A2) ion (A3) Marks (B1) (Nonriver) int Deposits (B2) (No	ator is sufficient ine) nriverine)	t) Salt Crus Biotic Cru Aquatic Ir Hydrogen Oxidized	t (B11) st (B12) overtebrate Sulfide Oo Rhizosphe	s (B13) dor (C1) res along	Living Roo		Seconda Wat Sec Driff Dra Dry Dry Thir	ary Indicators (2 or more required) ter Marks (B1) (Riverine) liment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7)
HYDROLO Wetland Hy Primary Indi Surface High Water Now Sedime Drift De	order (A1) Eater Table (A2) Ion (A3) Marks (B1) (Nonriver Ent Deposits (B2) (No	ator is sufficient ine) nriverine)	t) Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence	t (B11) st (B12) overtebrate Sulfide Oo Rhizosphe of Reduce	s (B13) dor (C1) res along d Iron (C4	Living Roo	ots (C3)	Seconda Wat Sec Drift Dra Dry Thir	ary Indicators (2 or more required) ter Marks (B1) (Riverine) liment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7) yfish Burrows (C8)
HYDROLO Wetland Hy Primary Indi Surface High Water Now Sedime Drift De Surface	order of the control	ine) nriverine)	t) Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ire	t (B11) st (B12) overtebrate Sulfide Oo Rhizosphe of Reduce on Reduction	s (B13) lor (C1) res along d Iron (C4 on in Plow	Living Roo	ots (C3)	Seconda Wat Sec Drift Dra Dry Thin Cra Sati	ary Indicators (2 or more required) ter Marks (B1) (Riverine) timent Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7) yfish Burrows (C8) uration Visible on Aerial Imagery (C9)
HYDROLC Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat	order of the control	ine) nriverine)	t) Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ire	t (B11) st (B12) overtebrate Sulfide Oo Rhizosphe of Reduce	s (B13) lor (C1) res along d Iron (C4 on in Plow	Living Roo	ots (C3)	Seconda Wat Seconda Orif Dra Dry Dry Cra Satt	ary Indicators (2 or more required) ter Marks (B1) (Riverine) timent Deposits (B2) (Riverine) t Deposits (B3) (Riverine) tinage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7) yfish Burrows (C8) uration Visible on Aerial Imagery (C9) tillow Aquitard (D3)
HYDROLO Wetland Hy Primary Indi Surface High Water IN Sedime Drift De Surface Inundat Water-S	ordrology Indicators: icators (any one indicators) water (A1) rater Table (A2) ion (A3) Marks (B1) (Nonriver ant Deposits (B2) (No reposits (B3) (Nonrive a Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9)	ine) nriverine)	t) Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ire	t (B11) st (B12) overtebrate Sulfide Oo Rhizosphe of Reduce on Reduction	s (B13) lor (C1) res along d Iron (C4 on in Plow	Living Roo	ots (C3)	Seconda Wat Seconda Orif Dra Dry Dry Cra Satt	ary Indicators (2 or more required) ter Marks (B1) (Riverine) timent Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7) yfish Burrows (C8) uration Visible on Aerial Imagery (C9)
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HYDROLO Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser	order of the following of the control of the contro	ine) nriverine) rine) Imagery (B7)	salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Other (Ex	t (B11) st (B12) overtebrate Sulfide Oo Rhizosphe of Reduce on Reduction plain in Re	s (B13) lor (C1) res along d Iron (C4 on in Plow	Living Roo	ots (C3)	Seconda Wat Seconda Orif Dra Dry Dry Cra Satt	ary Indicators (2 or more required) ter Marks (B1) (Riverine) timent Deposits (B2) (Riverine) t Deposits (B3) (Riverine) tinage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7) yfish Burrows (C8) uration Visible on Aerial Imagery (C9) tillow Aquitard (D3)
HYDROLC Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table	orderology Indicators: icators (any one indicators) water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriver ant Deposits (B2) (No aposits (B3) (Nonrive a Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) rvations: ter Present? yer Present?	ine) nriverine) Imagery (B7) (es \text{No (}	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ire Other (Ex	is (B11) st (B12) evertebrate Sulfide Oo Rhizosphe of Reduce on Reduction plain in Re enches):	s (B13) lor (C1) res along d Iron (C4 on in Plow	Living Roo	ots (C3)	Seconda Wat Seconda Orif Dra Dry Dry Cra Satt	ary Indicators (2 or more required) ter Marks (B1) (Riverine) timent Deposits (B2) (Riverine) t Deposits (B3) (Riverine) tinage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7) yfish Burrows (C8) uration Visible on Aerial Imagery (C9) tillow Aquitard (D3)
HYDROLO Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation F	OGY Idrology Indicators: icators (any one indicators) Water (A1) Idrology Indicators: Water (A2) Idrology Indicators: Idrology Indicators Idrology	ine) nriverine) rine) Imagery (B7)	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ire Other (Ex	is (B11) st (B12) evertebrate Sulfide Oo Rhizosphe of Reduce on Reduction plain in Re enches):	s (B13) lor (C1) res along d Iron (C4 on in Plow	Living Roo 1) ved Soils (ots (C3)	Seconda War Seconda Seconda Orif Dra Dra Dry Cra Sate Sha FAC	ary Indicators (2 or more required) ter Marks (B1) (Riverine) timent Deposits (B2) (Riverine) t Deposits (B3) (Riverine) tinage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7) yfish Burrows (C8) uration Visible on Aerial Imagery (C9) tillow Aquitard (D3)
HYDROLO Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation F (includes ca	orderology Indicators: icators (any one indicators) water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriver ant Deposits (B2) (No aposits (B3) (Nonrive a Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) rvations: ter Present? yer Present?	ine) nriverine) rine) Imagery (B7) Yes No (Yes Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Other (Ex Depth (ir	t (B11) st (B12) evertebrate Sulfide Oc Rhizosphe of Reduce on Reducti plain in Re eches): eches):	s (B13) lor (C1) res along d Iron (C4 on in Plow marks)	Living Root i) yed Soils (ots (C3) (C6)	Seconda War War Seconda Driff Dra Dry Thir Cra Sate Sha FAC	ary Indicators (2 or more required) ter Marks (B1) (Riverine) timent Deposits (B2) (Riverine) t Deposits (B3) (Riverine) tinage Patterns (B10) -Season Water Table (C2) th Muck Surface (C7) yfish Burrows (C8) uration Visible on Aerial Imagery (C9) tillow Aquitard (D3) C-Neutral Test (D5)	
HYDROLO Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation F (includes ca	order of the first process of the pr	ine) nriverine) rine) Imagery (B7) Yes No (Yes Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Other (Ex Depth (ir	t (B11) st (B12) evertebrate Sulfide Oc Rhizosphe of Reduce on Reducti plain in Re eches): eches):	s (B13) lor (C1) res along d Iron (C4 on in Plow marks)	Living Root i) yed Soils (ots (C3) (C6)	Seconda War War Seconda Driff Dra Dry Thir Cra Sate Sha FAC	ary Indicators (2 or more required) ter Marks (B1) (Riverine) timent Deposits (B2) (Riverine) t Deposits (B3) (Riverine) tinage Patterns (B10) -Season Water Table (C2) th Muck Surface (C7) yfish Burrows (C8) uration Visible on Aerial Imagery (C9) tillow Aquitard (D3) C-Neutral Test (D5)	
Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation F (includes ca	rdrology Indicators: icators (any one indicators) water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No eposits (B3) (Nonriver e Soil Cracks (B6) ion Visible on Aerial I Stained Leaves (B9) rvations: ter Present? Present? Present? Present? Present? Present? Present? Present? Present? Present? Present?	ine) nriverine) rine) Imagery (B7) (es \ No ((es \ No	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Other (Ex Depth (ir Depth (ir	t (B11) st (B12) avertebrate Sulfide Or Rhizosphe of Reduce on Reduction plain in Re arches): arches): photos, pro	s (B13) dor (C1) res along d Iron (C4 on in Plow marks)	Living Roo 4) yed Soils (Wetl pections),	ots (C3) (C6) land Hyd	Seconda Wat Sec Drif Dra Dry Thin Sate Sha FAC	ary Indicators (2 or more required) ter Marks (B1) (Riverine) timent Deposits (B2) (Riverine) ti Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) yfish Burrows (C8) uration Visible on Aerial Imagery (C9) allow Aquitard (D3) C-Neutral Test (D5)
Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation F (includes ca Describe Re	order of the first process of	ine) nriverine) rine) (es \ No (Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Other (Ex Depth (ir Depth (ir ring well, aerial	t (B11) st (B12) evertebrate Sulfide Oc Rhizosphe of Reduce on Reducti plain in Re eches): eches): photos, pre d epheme	s (B13) flor (C1) res along d Iron (C2 on in Plow marks) evious ins	Living Root I) //ed Soils (Wetl pections),	ots (C3) (C6) land Hyd, if availabe culvert	Seconda Wai Seconda Seconda Orif Dra Dra Dry Cra Sati Sha FAC	ary Indicators (2 or more required) ter Marks (B1) (Riverine) timent Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7) yfish Burrows (C8) uration Visible on Aerial Imagery (C9) allow Aquitard (D3) C-Neutral Test (D5) Present? Yes No
HYDROLC Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation F (includes ca Describe Re	order of the control	ine) nriverine) rine) Imagery (B7) Yes No (Yes Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Other (Ex Depth (ir Depth (ir ring well, aerial m a culvert antion artifically	it (B11) st (B12) evertebrate Sulfide Oc Rhizosphe of Reduce on Reduction plain in Re enches): enches): photos, pro d epheme v. Despite	s (B13) dor (C1) res along d Iron (C2 on in Plow marks) evious ins	Living Root yed Soils (Wetl pections), age. The ing the s	ots (C3) (C6) land Hyd , if availabe culvert	Seconda Wat Seconda Seconda Seconda Seconda Seconda Seconda Seconda Thir Cra Satt Sha FAC rology I rology I may pa ithin a	ary Indicators (2 or more required) ter Marks (B1) (Riverine) timent Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7) yfish Burrows (C8) uration Visible on Aerial Imagery (C9) allow Aquitard (D3) C-Neutral Test (D5) Present? Yes No Artially slow the flow during rain week of significant rainfall, the so	
HYDROLC Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation F (includes ca Describe Re	order of the control	ine) nriverine) rine) Imagery (B7) Yes No (Yes Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Other (Ex Depth (ir Depth (ir ring well, aerial m a culvert antion artifically	it (B11) st (B12) evertebrate Sulfide Oc Rhizosphe of Reduce on Reduction plain in Re enches): enches): photos, pro d epheme v. Despite	s (B13) dor (C1) res along d Iron (C2 on in Plow marks) evious ins	Living Root yed Soils (Wetl pections), age. The ing the s	ots (C3) (C6) land Hyd , if availabe culvert	Seconda Wat Seconda Seconda Seconda Seconda Seconda Seconda Seconda Thir Cra Satt Sha FAC rology I rology I may pa ithin a	ary Indicators (2 or more required) ter Marks (B1) (Riverine) timent Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7) yfish Burrows (C8) uration Visible on Aerial Imagery (C9) allow Aquitard (D3) C-Neutral Test (D5) Present? Yes No	
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Project/Site: Southwest Village Specific Plan Project		City/Cou	^{ınty:} San Dieg	0	Sam	oling Date: <u>2/</u>	8/202	0
Applicant/Owner: Pardee Homes				State:CA	Sam	oling Point: $\overline{\mathrm{O}}($	2)	
Investigator(s): JR Sundberg		Section,	Township, Ra	inge: Section 31, T18	 S R01W			
Landform (hillslope, terrace, etc.): mesa top				convex, none):concav			e (%):0 -	- 2
Subregion (LRR):C - Mediterranean California	Lat:32.5	55781		Long:-117.03644		 Datum	− NAD:	83
Soil Map Unit Name: Olivenhain cobbly loam, 30 to 50	ercent s	lopes		NWI class	sification:			
Are climatic / hydrologic conditions on the site typical for this			No (-			
	gnificantly			"Normal Circumstance	s" presen	t? Yes 🕡	No	\circ
	aturally pro			eeded, explain any ans	-	_		
SUMMARY OF FINDINGS - Attach site map s						•	ures.	etc.
		- I	9 po					
•	• •		s the Sampled		<u> </u>	In (6)		
Remarks: Sample area is a relatively flat terrace just of			vithin a Wetla		\sim	No (•)	ree fee	<u></u>
above the channel bottom.	S CONSTRUCT OF			The contract is upp				
VEGETATION								
	Absolute	Domina	nt Indicator	Dominance Test w	orksheet			
	% Cover	Species	s? Status	Number of Dominan				
1. <i>None</i>				That Are OBL, FAC\	W, or FAC): 1		(A)
2. 3.				Total Number of Do				(D)
4.				Species Across All S	otrata:	4		(B)
Total Cover	: %			 Percent of Dominant That Are OBL, FACN 		`· 25.0	. 0/	(A/B)
Sapling/Shrub Stratum	. 70			That Are OBL, I ACT	v, or rac	25.0	90	(A/D)
¹ ·Baccharis salicifolia	40	Yes	FAC	Prevalence Index v				
2				Total % Cover of	ot:	Multiply		
3				OBL species FACW species		x 1 = x 2 =	0	
4 5.				FAC species	40	x 3 =	120	
Total Cover:	40 %			FACU species	5	x 4 =	20	
Herb Stratum	40 / 0			UPL species	12	x 5 =	60	
¹ .Parietaria hespera	5	Yes	FACU	Column Totals:	57	(A)	200	(B)
² . Urtica urens	5	Yes	UPL	Dravalance Inc				
3. Glebionis coronaria	2	No	UPL	Prevalence Inc Hydrophytic Veget			3.51	
4.				Dominance Tes				
5. 6.				Prevalence Inde				
7.				Morphological A			upportir	ng
8.						a separate s	,	_
Total Cover:	12 %			- Problematic Hyd	drophytic	Vegetation¹ (Explain)
Woody Vine Stratum	12 /0			No dia da un af le coluia				4
1.Clematis pauciflora	5	Yes	NI	Indicators of hydric be present.	soll and	wetland nydi	ology r	nust
2								
Total Cover:				Hydrophytic Vegetation				
% Bare Ground in Herb Stratum % Cover	of Biotic C	rust	<u>%</u>	Present?	Yes 🔘	No 💽		
Remarks: Vegetation does not meet criteria to be hy	drophytic	c.		1				

SOIL Sampling Point: $\underline{O(2)}$

Depth (inches)	Color (moist)	%	Color (moist)		Type ¹	Loc ²	Texture	<u> </u>	Re	emarks
0-20	7.5YR 4/3	_100					sandy loam	<u> </u>		
	Concentration, D=Dep					_	C=Root Ch			
	es: Clay, Silty Clay, S				ndy Loam	, Clay Loa				
ydric Soil │ Histoso	Indicators: (Applicab	le to all LRR	s, unless otherwise Sandy Redo						blematic Hydrid 49) (LRR C)	: Soils:
	Epipedon (A2)		Stripped Ma						A10) (LRR B)	
	Histic (A3)		Loamy Muc	, ,	I (F1)			duced Ver		
	en Sulfide (A4)		Loamy Gley	-					Material (TF2)	
Stratifie	ed Layers (A5) (LRR (C)	Depleted M	atrix (F3)			Ot	her (Exp l ai	in in Remarks)	
	luck (A9) (LRR D)		Redox Dark		,					
	ed Below Dark Surfac	e (A11)	Depleted D		, ,					
	Dark Surface (A12)		Redox Dep	•	-8)		41			#:
	Mucky Mineral (S1) Gleyed Matrix (S4)		Vernal Pool	IS (F9)				-	rophytic vegeta logy must be pr	
	Layer (if present):						Well	iana nyaro	logy must be pr	esent.
	Layer in present.									
Туре:	ochos).						Hydric	Soil Bross	ent? Voc	No 🙃
Type: Depth (i	nches):_ No hydric soil indic	ators prese	nt.				Hydric :	Soil Prese	ent? Yes	No 📵
Type: Depth (in Remarks: Ŋ	No hydric soil indic	ators prese	nt.							
Type:	No hydric soil indic		nt.					econdary I	ndicators (2 or	more required)
Type:	No hydric soil indic							econdary I		more required)
Type:	OGY ydrology Indicators: icators (any one indic		ient)	` '			S <u>s</u>	econdary I Water M Sedime	ndicators (2 or Marks (B1) (Riv o nt Deposits (B2	more required) erine)) (Riverine)
Type: Depth (in the content of th	OGY ydrology Indicators: icators (any one indicators (A1) ydrology Indicators (A2)		ient) Salt Crust Biotic Crus	st (B12)			S <u>s</u>	econdary I Water M Sedime	ndicators (2 or Marks (B1) (Riv o nt Deposits (B2 posits (B3) (Riv	more required) erine)) (Riverine) erine)
Type: Depth (in the content of th	OGY Verdrology Indicators: icators (any one indicators (A1) Verdrology Indicators (A2) icion (A3)	ator is suffici	ient) Salt Crust Biotic Crus	st (B12) vertebrate	, ,		S <u>s</u>	econdary I Water N Sedime Drift De Drainag	ndicators (2 or Marks (B1) (Riv e nt Deposits (B2 posits (B3) (Riv e Patterns (B10	more required) erine)) (Riverine) erine)
Type: Depth (ii Remarks: \) YDROLO Vetland Hy Primary Ind Surface High W Satural Water	OGY ydrology Indicators: icators (any one indice Water (A1) //ater Table (A2) icion (A3) Marks (B1) (Nonriver	ator is suffici	ient) Salt Crust Biotic Crus Aquatic In Hydrogen	st (B12) vertebrate Sulfide Od	dor (C1)			econdary I Water M Sedime Drift De Drainag Dry-Sea	ndicators (2 or national natio	more required) erine)) (Riverine) erine))) le (C2)
Type:	OGY ydrology Indicators: icators (any one indice Water (A1) //ater Table (A2) cion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No	ator is suffici	ient) Salt Crust Biotic Crus Aquatic In Hydrogen Oxidized F	st (B12) vertebrate Sulfide Oo Rhizosphe	dor (C1) res along	-		econdary I Water M Sedime Drift De Drainag Dry-Sea Thin Mu	ndicators (2 or Marks (B1) (Riv ent Deposits (B2) posits (B3) (Riv ente Patterns (B10) ason Water Tab	more required) erine)) (Riverine) erine))) le (C2)
Type:	OGY Variology Indicators: icators (any one indicators (any one indicators) Water (A1) Vater Table (A2) Vation (A3) Marks (B1) (Nonriver ont Deposits (B2) (No	ator is suffici	ient) Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F	st (B12) vertebrate Sulfide Od Rhizosphe of Reduce	dor (C1) res along d Iron (C4	!)		econdary I Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish	ndicators (2 or Marks (B1) (Riv ont Deposits (B3) (Riv one Patterns (B10 ason Water Tablack Surface (C7	more required) erine)) (Riverine) erine))) le (C2)
Type:	OGY ydrology Indicators: icators (any one indice Water (A1) //ater Table (A2) ction (A3) Marks (B1) (Nonriver ent Deposits (B2) (No eposits (B3) (Nonrive es Soil Cracks (B6)	ator is suffici	ient) Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Iro	st (B12) vertebrate Sulfide Oc Rhizosphe of Reduce on Reduction	dor (C1) res along ed Iron (C4 on in Plow	!)		econdary I Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish	ndicators (2 or name of the following of	more required) erine)) (Riverine) erine))) le (C2)
Type: Depth (in the content of the	OGY Identify and the control of the	ator is suffici	ient) Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Iro	st (B12) vertebrate Sulfide Oc Rhizosphe of Reduce on Reduction	dor (C1) res along ed Iron (C4 on in Plow	!)		econdary I Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow	ndicators (2 or Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive e Patterns (B10 ason Water Tablick Surface (C7 n Burrows (C8) on Visible on A	more required) erine)) (Riverine) erine))) le (C2)
Type:	OGY Variology Indicators: icators (any one indicators (any one indicators) Vater Table (A2) Varion (A3) Marks (B1) (Nonriver ent Deposits (B2) (Nonriver ent Deposits (B3) (Nonriver ent Deposits (B	ator is suffici	ient) Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Iro	st (B12) vertebrate Sulfide Oc Rhizosphe of Reduce on Reduction	dor (C1) res along ed Iron (C4 on in Plow	!)		econdary I Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow	ndicators (2 or name of the following of	more required) erine)) (Riverine) erine))) le (C2)
Type:	OGY Varion Soil indicators: icators (any one indicators (any one indicators) Water (A1) Vater Table (A2) Icion (A3) Marks (B1) (Nonriver ent Deposits (B2) (Nonriver ent Deposits (B3) (Nonriver ent Cracks (B6) Icion Visible on Aerial I Stained Leaves (B9) Invations:	ator is suffici	ient) Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Iro	st (B12) vertebrate Sulfide Oc Rhizosphe of Reduce on Reduction	dor (C1) res along ed Iron (C4 on in Plow	!)		econdary I Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow	ndicators (2 or Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive e Patterns (B10 ason Water Tablick Surface (C7 n Burrows (C8) on Visible on A	more required) erine)) (Riverine) erine))) le (C2)
Type:	OGY Varion Soil indicators: icators (any one indicators (any one indicators) Water (A1) Vater Table (A2) Cion (A3) Warks (B1) (Nonriver ent Deposits (B2) (Nonriver ent Deposits (B3) (Nonriver ent D	ator is suffici	ient) Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Other (Exp	st (B12) vertebrate Sulfide Oc Rhizosphe of Reduce on Reduction Diain in Re ches):	dor (C1) res along ed Iron (C4 on in Plow	!)		econdary I Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow	ndicators (2 or Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive e Patterns (B10 ason Water Tablick Surface (C7 n Burrows (C8) on Visible on A	more required) erine)) (Riverine) erine))) le (C2)
Type:	OGY Verology Indicators: icators (any one indicators (any one indicators) Water (A1) Vater Table (A2) Vater	ator is suffici	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Other (Exp	st (B12) vertebrate Sulfide Oc Rhizosphe of Reduce on Reductio plain in Re ches):	dor (C1) res along ed Iron (C4 on in Plow	!)		econdary I Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow	ndicators (2 or Marks (B1) (Rive nt Deposits (B2) posits (B3) (Rive e Patterns (B10 ason Water Tablick Surface (C7 n Burrows (C8) on Visible on A	more required) erine)) (Riverine) erine))) le (C2)
Type:	OGY Verology Indicators: icators (any one indicators (any one indicators) Water (A1) Vater Table (A2) Comparison (A3) Warks (B1) (Nonriver ent Deposits (B2) (Nonriver ent Deposits (B3) (Nonriver ent Deposits (B3) (Nonriver ent Deposits (B3) (Nonriver ent Deposits (B3) (Nonriver ent Deposits (B3) (Nonriver ent Deposits (B3) (Nonriver ent Deposits (B3) (Nonriver ent Deposits (B4) (Nonriver en	ator is suffici	ient) Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Other (Exp	st (B12) vertebrate Sulfide Oc Rhizosphe of Reduce on Reductio plain in Re ches):	dor (C1) res along ed Iron (C4 on in Plow	red Soils (Si	econdary I Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow FAC-Ne	ndicators (2 or Marks (B1) (Riversity (B2) (Riversity (B3) (Riversity (B4) (B4) (B4) (B4) (B4) (B4) (B4) (B4)	more required) erine)) (Riverine) erine))) le (C2)) erial Imagery (C
Type:	OGY Variology Indicators: icators (any one indicators (any one indicators) Water (A1) Vater Table (A2) Varion (A3) Warks (B1) (Nonriver ent Deposits (B2) (Nonriver ent Deposits (B3) (Nonriver ent D	ine) nriverine) magery (B7) es	ient) Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Other (Exp	st (B12) vertebrate Sulfide Oc Rhizosphe of Reduce on Reduction Dlain in Re ches): ches):	dor (C1) res along d Iron (C4 on in Plow marks)	ved Soils (ots (C3)	econdary I Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow FAC-Ne	ndicators (2 or name of the following of	more required) erine)) (Riverine) erine))) le (C2)
Type:	OGY Varion Soil indicators: icators (any one indicators (any one indicators) Water (A1) Vater Table (A2) Cion (A3) Warks (B1) (Nonriver ent Deposits (B2) (Nonriver ent Deposits (B3) (Nonriver ent D	ine) nriverine) magery (B7) es	ient) Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Other (Exp	st (B12) vertebrate Sulfide Oc Rhizosphe of Reduce on Reduction Dlain in Re ches): ches):	dor (C1) res along d Iron (C4 on in Plow marks)	ved Soils (ots (C3)	econdary I Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow FAC-Ne	ndicators (2 or Marks (B1) (Riversity (B2) (Riversity (B3) (Riversity (B4) (B4) (B4) (B4) (B4) (B4) (B4) (B4)	more required) erine)) (Riverine) erine))) le (C2)) erial Imagery (C
Type:	OGY Varion Soil indicators: icators (any one indicators (any one indicators) Water (A1) Vater Table (A2) Cion (A3) Warks (B1) (Nonriver ent Deposits (B2) (Nonriver ent Deposits (B3) (Nonriver ent D	ine) nriverine) magery (B7) es	ient) Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Other (Exp Depth (in Depth (in Depth (in Depth (in Aitoring well, aerial	st (B12) vertebrate Sulfide Oc Rhizospher of Reduce on Reduction Diain in Re ches): ches): ches):	dor (C1) res along d Iron (C4 on in Plow marks)	wetions),	ots (C3)	econdary I Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow FAC-Ne	ndicators (2 or Marks (B1) (Rivent Deposits (B3) (Rivent Patterns (B1) ason Water Tablick Surface (C7) a Burrows (C8) on Visible on Avaquitard (D3) autral Test (D5)	more required) erine)) (Riverine) erine))) le (C2)) erial Imagery (C
Type:	OGY Varional indicators: icators (any one indicators (any one indicators) Water (A1) Vater Table (A2) Vater Table (A2) Vater Table (B2) Vater	ine) nriverine) magery (B7) es	ient) Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Other (Exp Depth (in Depth (in Depth (in Depth (in Aitoring well, aerial	st (B12) vertebrate Sulfide Oc Rhizospher of Reduce on Reduction Diain in Re ches): ches): ches):	dor (C1) res along d Iron (C4 on in Plow marks)	wetions),	ots (C3)	econdary I Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow FAC-Ne	ndicators (2 or Marks (B1) (Rivent Deposits (B3) (Rivent Patterns (B1) ason Water Tablick Surface (C7) a Burrows (C8) on Visible on Avaquitard (D3) autral Test (D5)	more required) erine)) (Riverine) erine))) le (C2)) erial Imagery (C

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: <u>San Dieg</u>	50	Sar	npling Date	: <u>2/18/202</u>	.0
Applicant/Owner: Pardee Homes				State:CA	Sar	npling Point	^{t:} O(4)	
Investigator(s): JR Sundberg		Section, 1	ownship, Ra	inge: Section 31, T1	8S R01	W		
Landform (hillslope, terrace, etc.): mesa top				convex, none): conca			lope (%):0-	<u>-</u> 2
Subregion (LRR):C - Mediterranean California	Lat:32.5	55777		Long:-117.03601		 Da	tum:NAD	83
Soil Map Unit Name: Olivenhain cobbly loam, 30 to 50				_	ssification	:R4SBC		
Are climatic / hydrologic conditions on the site typical for th	•	•	• No (
•	significantly	•	~ *	"Normal Circumstance		•	No No	\circ
	naturally pro			eeded, explain any ar	-			\circ
SUMMARY OF FINDINGS - Attach site map			,	•		ŕ	eatures.	etc.
		- I	g po			portune.		
-	No 💿							
•	√o		the Sample			N- @		
Remarks: Sample point along Drainage O	10 (Wi	thin a Wetla	nd? Yes	0	No 💿		
VEGETATION	Absoluto	Dominan	t Indicator	Dominance Tests	wa wka ba	-4·		
Tree Stratum (Use scientific names.)	Absolute % Cover	Species?	t Indicator Status	Number of Domina				
1. <i>None</i>			·	That Are OBL, FAC			1	(A)
2.		-	_	- ∟ Total Number of D	ominant			
3.			•	Species Across All			3	(B)
4.				- - Percent of Domina	nt Snecie	26		
Total Cove Sapling/Shrub Stratum	er: %			That Are OBL, FAC			3.3 %	(A/B)
1-Artemisia californica	5	Yes	UPL	Prevalence Index	worksh	eet:		
2. Yucca schidigera	1	No	UPL	Total % Cover	of:	<u> Multi</u>	p l y by:	_
3. Baccharis sarothroides	3	Yes	FACW*	OBL species		x 1 =	0	
4	_		_	FACW species	3	x 2 =	6	
5				FAC species		x 3 =	0	
Total Cove	er: 9 %			FACU species		x 4 =	0	
	5	No	LIDI	UPL species	41	x 5 =	205	(D)
1. Foeniculum vulgare 2. Glebionis coronaria	$-\frac{5}{30}$	Yes	UPL UPL	_ Column Totals:	44	(A)	211	(B)
3.		168	- OFL	Prevalence I	ndex = B	/A =	4.80	
4.	_	-	-	Hydrophytic Vege	tation Ir	dicators:		
5.		-		Dominance Te	est is >50	%		
6.			_	Prevalence Inc				
7.			•	Morphological data in Rer				ng
8.			-	Problematic H		•		.)
Total Cove Woody Vine Stratum	er: 35 %			riobicination	yaropriya	o vegetatio	ii (Explaii)	,
1.None				¹ Indicators of hydr	ic soil an	d wetland l	nydro l ogy r	must
2.		-	_	be present.			, , , ,	
Total Cove	er: %			Hydrophytic Vegetation				
% Bare Ground in Herb Stratum 60 % % Cove	er of Biotic C	Crust	0 %	Present?	Yes (No (•	
Remarks: Some litter in herb stratum. Dead stalks		·						

SOIL Sampling Point: O(4)

Profile Des	cription: (Describe	to the depth	needed to docum	nent the indicat	or or confirr	n the absence of	findicators.)
Depth	Matrix			Features	_1 1 2	T3	Davis and a
(inches)	Color (moist)	%	Color (moist)	% Тур	e ¹ Loc ²	Texture ³	Remarks
0-4	10YR 4/3	100				sandy loam	
4-18	10YR 4/3	100				loamy sand	change in texture
							_
-							_
¹ Type: C=0	- Concentration, D=Dep	 letion. RM=R	teduced Matrix.	² Location: PL=F	ore Linina. R	RC=Root Channel	M=Matrix.
,	·				_		m, Silt Loam, Silt, Loamy Sand, Sand.
	Indicators: (Applicab						Problematic Hydric Soils:
Histoso	ol (A1)		Sandy Redox	(S5)		1 cm Mu	ck (A9) (LRR C)
Histic E	Epipedon (A2)		Stripped Ma	ıtrix (S6)		2 cm Mu	ck (A10) (LRR B)
	Histic (A3)			ky Mineral (F1)			Vertic (F18)
1 🗀 🔭	en Sulfide (A4)			red Matrix (F2)			ent Material (TF2)
l	ed Layers (A5) (LRR (S)	Depleted M	, ,		Other (E	xplain in Remarks)
	luck (A9) (LRR D) ed Below Dark Surfac	o (A11)		Surface (F6) ark Surface (F7)			
1 L	oark Surface (A12)	5 (A11)	•	essions (F8)			
	Mucky Mineral (S1)		Vernal Pool			⁴Indicators of	hydrophytic vegetation and
1 🗀 -	Gleyed Matrix (S4)			- ()			ydrology must be present.
	Layer (if present):						
Type:							
Depth (ii	nches):					Hydric Soil P	resent? Yes No 📵
, ,	No soil indicators p	•esent					
1	to son marcators pr	CSCIII					
HYDROLO	OGY						
Wetland Hy	drology Indicators:					Seconda	ary Indicators (2 or more required)
Primary Ind	icators (any one indic	ator is sufficie	ent)			Wat	ter Marks (B1) (Riverine)
	e Water (A1)		Salt Crust	(B11)		—— ☐ Sed	liment Deposits (B2) (Riverine)
1 📖	/ater Table (A2)		Biotic Crus			<u> </u>	t Deposits (B3) (Riverine)
ı <u> </u>	ion (A3)			vertebrates (B13)		inage Patterns (B10)
	Marks (B1) (Nonriver i	ine)		Su l fide Odor (C			-Season Water Table (C2)
1 🖳	ent Deposits (B2) (No	•		Rhizospheres alc			n Muck Surface (C7)
	eposits (B3) (Nonrive	*		of Reduced Iron	-		yfish Burrows (C8)
1 📖	e Soil Cracks (B6)	,	Recent Iro	n Reduction in F	Nowed Soils ((C6)	uration Visible on Aerial Imagery (C9)
Inunda	tion Visib l e on Aerial I	magery (B7)	Other (Exp	lain in Remarks)	☐ Sha	ıllow Aquitard (D3)
│	Stained Leaves (B9)					FAC	C-Neutral Test (D5)
Field Obse	rvations:						
Surface Wa	iter Present? Y	es (No	Depth (inc	ches):			
Water Table			Depth (inc	ches):			
Saturation F		_	Depth (inc	· · · · · · · · · · · · · · · · · · ·			
	apillary fringe)	es () 140	, G 25p (Wet	land Hydrology i	Present? Yes 🔘 No 💿
Describe R	ecorded Data (stream	gauge, moni	toring well, aeria l բ	photos, previous	inspections),	, if available:	
Remarks:L	inear ephemeral str	eam which	floods during sto	orm events, wa	ter not able	to reside on-sit	e and develop any wetland
	ydrology indicators		Č	,			
•							
1							

Investigator(s): JR Sundberg Section, Township, Range: Section 31, T18S R01W Landform (hillslope, terrace, etc.): bottom of hillslope Local relief (concave, convex, none): none Slope (%): 0-2 Subregion (LRR): C Lat: 32.55794 Long: -117.03721 Datum: NAD83 Soil Map Unit Name: Olivenhain cobbly loam, 30 to 50 percent slopes NWI classification: R4SBC Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.) Are Vegetation X, Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No	Project/Site: Southwest Village Specif	ic Plan Project		_City/Count	ty: San Dieg	0	Sampling Da	ate: 2/18/2020
Landform (hillslope, terrace, etc.): bottom of hillslope Local relief (concave, convex, none): none Slope (%): 0-2	Applicant/Owner: Pardee Homes					State: CA	_Sampling Po	oint: O-5
Solid Map Nink Name: Oliverhain cobbly loam, 30 to 50 percent slopes	Investigator(s): JR Sundberg			Section,	Township, R	ange: Section 31, T18S	R01W	
Soil Map Unit Name	Landform (hillslope, terrace, etc.): botto	om of hillslope		Local reli	ef (concave,	convex, none): none		Slope (%): 0-2
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.) Are Vegetation X, Soil or Hydrology againflicantly disturbed? Are "Normal Circumstances" present? Yes X No Are "Normal Circumstances" present? Yes X No Are "Normal Circumstances" present? Yes X No Are "Normal Circumstances" present? Yes X No Are "Normal Circumstances" present? Yes X No Are "Normal Circumstances" present? Yes X No X Wetland Hydrology Present? Yes No X Wetland Hydrology Present? Yes No X Sements: Sample point in uplands near western end of Drainage O. ### Cover Species Status Fine Stratum (Plot size:	Subregion (LRR): C		Lat: 32	2.55794		Long: -117.03721	Da	atum: NAD83
Are Vegetation X, Soil or Hydrology inaturally problematic? Are "Normal Circumstances" present? Yes X, No Are Vegetation in Soil or Hydrology inaturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No X Wetland? Yes No X Wetland Hydrology Present? Yes No X Wetland Hydrology Present? Yes No X Wetland Hydrology Present? Yes No X Wetland Hydrology Present? Yes No X Wetland Hydrology Present? Yes No X Wetland Hydrology Present? Yes No X Wetland Hydrology Present? Yes No X Wetland Hydrology Present? Yes No X Wetland? ### Wetland? ###	Soil Map Unit Name: Olivenhain cobb	oly loam, 30 to 50 perc	ent slope	:S		NWI classificat	ion: R4SBC	
Solidary Companies Compa	Are climatic / hydrologic conditions on	the site typical for this	s time of y	ear? Yes	X No) (If no, explain i	n Remarks.)	
Summary OF FINDINGS — Attach site map showing sampling point locations, transects, important features, etc.	Are Vegetation X, Soil	, or Hydrology	significa	antly disturbe	ed? /	 Are "Normal Circumstanc	es" present? \	∕es X No
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No X Ves No						(If needed, explain any ar	nswers in Rema	arks.)
Hydrophytic Vegetation Present?						transasta importar	at footuroo c	1
Prevalence in the companies of plants Prevalence in the companies Prevalence in the companies Prevalence in the companies Prevalence indicators Prevalence indicat	SUMMART OF FINDINGS - Alla	ch site map show	ing sam	piing poin	Liocations	s, transects, importar	it leatures, e	HC.
Wetland Hydrology Present? Yes	Hydrophytic Vegetation Present?	YesNo	X		. 0	A		
Remarks: Sample point in uplands near western end of Drainage O.	Hydric Soil Present?	YesNo	X		•	Yes	No	X
Absolute Dominant Indicator Species Status That Are OBL, FACW, or FAC: 0 (A)	Wetland Hydrology Present?	YesNo	X		iii a vvotiaiii	u .		
Absolute Dominant Indicator Species Status That Are OBL, FACW, or FAC: 0 (A)	Remarks: Sample point in uplands n	ear western end of Dr	rainage O					
Absolute Species Status Number of Dominant Species Number of Dom			ŭ					
Absolute Species Status Species Status Number of Dominant Species Status Number of Dominant Species That Are OBL, FACW, or FAC:								
Mate								
Number of Dominant Species	VEGETATION – Use scientific na	•						
That Are OBL, FACW, or FAC: 0 (A)	Tree Stratum (Plot size:				_			
2.		/		орошоо:	Otatas			0 (Δ)
Species Across All Strate:	2.							(/ (/
Percent of Dominant Species That Are OBL, FACW, or FAC:	3.					1		0 (B)
Sapling/Shrub Stratum								, ,
Prevalence Index worksheet: Total % Cover of:			=	Total Cove	r	That Are OBL, FACW,	or FAC:	0 (A/B)
2.	Sapling/Shrub Stratum (Plot size:)						
OBL species	1.					Prevalence Index wor	rksheet:	
4. 5. = Total Cover FACW species x 2 = FAC species x 3 = FACU species x 3 = FACU species x 4 = UPL species UPL species y 4 = UPL species UPL species y 4 = UPL species UPL species y 4 = UPL species y 5 = 450 y 6 = UPL species species y 4 = UPL species y 6 = UPL species y 6 = UPL species y 6 = UPL species y 6 = UPL species y 6 = UPL species y 6 = UPL species y 6 = UPL species	2					Total % Cover of:	M	ultiply by:
FAC species x 3 =	3					OBL species	x 1 = _	
Herb Stratum (Plot size: 20'x20')	4						x 2 = _	
Herb Stratum (Plot size: 20'x20'	5							
1. Glebionis coronaria 80 Yes UPL Column Totals:		_	=	Total Cove	r			
2. Bromus madritensis 10 No UPL Prevalence Index = B/A = 5.0 3. 4. Hydrophytic Vegetation Indicators: 5. Dominance Test is >50% 6. Prevalence Index is ≤3.0¹ 7. Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) 8. 90 = Total Cover Woody Vine Stratum (Plot size: 1) Problematic Hydrophytic Vegetation¹ (Explain) 1. ¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 8. = Total Cover Hydrophytic Vegetation Present? Yes No X)		.,		· -		
3.						Column Totals:	(A) _	(B)
4				No	UPL	Prevalence Inde	ex = B/A = <u>5.0</u>	
5						The decode Ale Manada A		
6								
7								
8								
90								
Woody Vine Stratum (Plot size:) 1	o			- Total Cov	or		·	ŕ
1	Woody Vine Stratum (Plot size:	, —		- Total Cov	CI	Problematic Hyd	ropriyiic veget	auon (Explain)
2 be present, unless disturbed or problematic. ### Hydrophytic Vegetation Present? Yes No X						¹ Indicators of hydric so	oil and wetland	l hydrology must
= Total Cover #ydrophytic Vegetation Present? Yes No _X						be present, unless dis	sturbed or prob	lematic.
% Bare Ground in Herb Stratum 10 % Cover of Biotic Crust Present? Yes No X				Total Covo		Lludrophytic		
% Bare Ground in Herb Stratum 10				- Total Cove	'			
Remarks: Disturbed uplands next to ephemeral channel	% Bare Ground in Herb Stratum	10 % Cover o	of Biotic C	rust			'es	NoX
	Remarks: Disturbed uplands next to e	phemeral channel				1		

SOIL Sampling Point: WDP 0-5

(inches)	Color (moist)		Color (moist)	%Typ	pe ¹ Loc ²	Textur	e	Remark	S
0-8	10YR 4/3	100				fine sandy loam	<i>'</i>		
8-18	10YR 4/2					loam			
	_								
	concentration, D=Depletion				Grains. ²		Pore Lining, RC=		
•	oil Indicators: (Applica	able to all LRR	•	•			ors for Problem	-	Soils":
	Frieder (A2)			ledox (S5)			n Muck (A9) (Li	,	
	Epipedon (A2) Histic (A3)			Matrix (S6) /lucky Mineral (E1)		n Muck (A10) (I luced Vertic (F1	,	
	gen Sulfide (A4)			Bleyed Matrix (F			Parent Materia	,	
^	ied Layers (A5) (LRR (C)		d Matrix (F3)	_,		er (Explain in R	, ,	
	Muck (A9) (LRR D)	,		ark Surface (F	6)		\	,	
	ted Below Dark Surface	e (A11)	Depleted	d Dark Surface	(F7)				
Thick	Dark Surface (A12)		Redox D	epressions (F8	3)	3Indicato	ors of hydrophyt	tic vegetation	and
	Mucky Mineral (S1)		Vernal P	ools (F9)			and hydrology n		nt,
	Gleyed Matrix (S4)					unle	ss disturbed or	problematic.	
Restrictive Type:	e Layer (if present):								
Depth (ir						Hydric Soil	Present?	Yes	No X
Remarks:	No soil indictors preser	nt.							
		nt.							
YDROLO						<u> </u>	Secondary Indi	icators (2 or i	more requir
YDROLO Wetland I	OGY	:	neck all that apply	······································		\$		icators (2 or ı s (B1) (Riveri	
YDROLO Wetland I Primary In	DGY Hydrology Indicators:	:	neck all that apply Salt Crusi			<u> </u>	Water Mark		ne)
YDROLC Wetland I Primary In	OGY Hydrology Indicators: dicators (minimum of c	:		t (B11)		<u> </u>	Water Marks	s (B1) (Riveri eposits (B2) (l	ne) Riverine)
YDROLC Wetland I Primary In Surfac	OGY Hydrology Indicators: dicators (minimum of co	:	Salt Crust	t (B11)	13)	<u>\$</u>	Water Marks Sediment D Drift Deposi	s (B1) (Riveri	ne) Riverine)
YDROLO Wetland I Primary In Surfac High \ Satura	DGY Hydrology Indicators: dicators (minimum of compared to the	: one required; ch	Salt Crusi Biotic Cru Aquatic Ir	t (B11) st (B12)	•	<u>\$</u>	Water Mark: Sediment D Drift Deposi Drainage Pa	s (B1) (Riveri eposits (B2) (I ts (B3) (River	ne) Riverine) ine)
YDROLO Wetland I Primary In Surfac High \ Satura Water	DGY Hydrology Indicators: dicators (minimum of compared (A1) Water Table (A2) ation (A3)	: one required; ch	Salt Crusi Biotic Cru Aquatic Ir Hydrogen	t (B11) st (B12) overtebrates (B o Sulfide Odor (•		Water Mark: Sediment D Drift Deposi Drainage Pa	s (B1) (Riveri eposits (B2) (I ts (B3) (River atterns (B10) Water Table	ne) Riverine) ine)
YDROLC Wetland I Primary In Surfac High \ Satura Water Sedim	OGY Hydrology Indicators: dicators (minimum of concervator (A1) Water Table (A2) ation (A3) Marks (B1) (Nonriver	: one required; ch ine) nriverine)	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized	t (B11) st (B12) overtebrates (B o Sulfide Odor (C1) along Living Ro		Water Marks Sediment D Drift Deposi Drainage Pa Dry-Season	s (B1) (Riveri eposits (B2) (I ts (B3) (River atterns (B10) Water Table Surface (C7)	ne) Riverine) ine)
YDROLC Wetland I Primary In Surfac High \ Satura Water Sedim	DGY Hydrology Indicators: dicators (minimum of concernment Deposits (B2) (Nonrivernment Deposits (B2) (No	: one required; ch ine) nriverine)	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence	t (B11) Ist (B12) Ivertebrates (B I Sulfide Odor (Rhizospheres a of Reduced Iro	C1) along Living Ro	ots (C3)	Water Marks Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bul	s (B1) (Riveri eposits (B2) (I ts (B3) (River atterns (B10) Water Table Surface (C7)	ne) Riverine) ine) (C2)
YDROLC Wetland I Primary In Surfac High \ Satura Water Sedim Drift C	DGY Hydrology Indicators: dicators (minimum of comparts of compart	one required; ch ine) nriverine) rine)	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir	t (B11) Ist (B12) Ivertebrates (B I Sulfide Odor (Rhizospheres a of Reduced Iro	C1) along Living Ro on (C4)	ots (C3)	Water Marks Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bul	s (B1) (Riveri eposits (B2) (I ts (B3) (River atterns (B10) Water Table Surface (C7) rrows (C8) /isible on Aeria	ne) Riverine) ine) (C2)
YDROLO Wetland I Primary In Surface High \ Satura Water Sedim Drift E Surface Inund	DGY Hydrology Indicators: dicators (minimum of comparts of compart	one required; ch ine) nriverine) rine)	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc	t (B11) st (B12) nvertebrates (B Sulfide Odor (Rhizospheres a of Reduced Iro on Reduction in	C1) along Living Ro on (C4) n Tilled Soils (C6	ots (C3)	Water Marks Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bui Saturation V	s (B1) (Rivering the posits (B2) (Rivering terms (B10)) Water Table Surface (C7) Prrows (C8) (Fisible on Aeria (D3))	ne) Riverine) ine) (C2)
YDROLC Wetland I Primary In Surfac High \ Satura Water Sedim Drift D Surfac Inunda Water	DGY Hydrology Indicators: dicators (minimum of of ce Water (A1) Water Table (A2) ation (A3) Marks (B1) (Nonriver ment Deposits (B2) (Non Deposits (B3) (Nonriver ce Soil Cracks (B6) ation Visible on Aerial I C-Stained Leaves (B9) ervations:	ine) nriverine) rine)	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex	t (B11) st (B12) nvertebrates (B Sulfide Odor (Rhizospheres a of Reduced Irc on Reduction in k Surface (C7)	C1) along Living Ro on (C4) n Tilled Soils (C6	ots (C3)	Water Marks Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish But Saturation V Shallow Aqu	s (B1) (Rivering the posits (B2) (Rivering terms (B10)) Water Table Surface (C7) Prrows (C8) (Fisible on Aeria (D3))	ne) Riverine) ine) (C2)
YDROLO Wetland I Primary In Surfac High \ Satura Water Sedim Drift D Surfac Inund Water	DGY Hydrology Indicators: dicators (minimum of of ce Water (A1) Water Table (A2) ation (A3) Marks (B1) (Nonriver ment Deposits (B2) (Non Deposits (B3) (Nonriver ce Soil Cracks (B6) ation Visible on Aerial I c-Stained Leaves (B9) ervations: ater Present?	ine) nriverine) magery (B7)	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex	t (B11) st (B12) nvertebrates (B sulfide Odor (Rhizospheres a of Reduced Irc on Reduction in k Surface (C7) plain in Remark	C1) along Living Ro on (C4) n Tilled Soils (C6	ots (C3)	Water Marks Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish But Saturation V Shallow Aqu	s (B1) (Rivering the posits (B2) (Rivering terms (B10)) Water Table Surface (C7) Prrows (C8) (Fisible on Aeria (D3))	ne) Riverine) ine) (C2)
YDROLO Wetland I Primary In Surface High V Satura Water Sedim Drift D Surface Inunda Water Field Obse Water Tab	DGY Hydrology Indicators: dicators (minimum of or ce Water (A1) Water Table (A2) ation (A3) Marks (B1) (Nonriver ment Deposits (B2) (Nonriver ce Soil Cracks (B6) ation Visible on Aerial I s-Stained Leaves (B9) ervations: ater Present? Y	ine) nriverine) magery (B7) es No es No	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex X Depth (inch	t (B11) Ist (B12) Invertebrates (B I Sulfide Odor (Rhizospheres a of Reduced Irc on Reduction in k Surface (C7) Iplain in Remark Ines):	C1) along Living Ro on (C4) n Tilled Soils (Co	ots (C3)	Water Marks Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish But Saturation V Shallow Aqu FAC-Neutra	s (B1) (Riveri eposits (B2) (I ts (B3) (River atterns (B10) Water Table Surface (C7) rrows (C8) /isible on Aeria uitard (D3)	ne) Riverine) ine) (C2) al Imagery (
YDROLO Wetland I Primary In Surface High V Satura Water Sedim Drift D Surface Inunda Water Field Obse Surface W Water Tab Saturation	DGY Hydrology Indicators: dicators (minimum of or ce Water (A1) Water Table (A2) ation (A3) Marks (B1) (Nonriver ment Deposits (B2) (Nonriver ce Soil Cracks (B6) ation Visible on Aerial I s-Stained Leaves (B9) ervations: ater Present? Y	ine) nriverine) magery (B7) es No es No	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex	t (B11) Ist (B12) Invertebrates (B I Sulfide Odor (Rhizospheres a of Reduced Irc on Reduction in k Surface (C7) Iplain in Remark Ines):	C1) along Living Ro on (C4) n Tilled Soils (Co	ots (C3)	Water Marks Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish But Saturation V Shallow Aqu	s (B1) (Rivering the posits (B2) (Rivering terms (B10)) Water Table Surface (C7) Prrows (C8) (Fisible on Aeria (D3))	ne) Riverine) ine) (C2) al Imagery (
YDROLO Wetland I Primary In Surface High V Satura Water Sedim Drift D Surface Inunda Water Field Obse Surface W Water Tab Saturation (includes c	DGY Hydrology Indicators: dicators (minimum of comparison	ine) nriverine) rine) magery (B7) 'es No 'es No 'es No	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex X Depth (inch X Depth (inch	t (B11) Ist (B12) Invertebrates (B I Sulfide Odor (Rhizospheres a of Reduced Irc In Reduction in It Surface (C7) Inplain in Remark Ines): Ines): Ines):	C1) along Living Roon (C4) a Tilled Soils (C6) ks) Wetla	ots (C3) 6) and Hydrolo	Water Marks Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish But Saturation V Shallow Aqu FAC-Neutra	s (B1) (Riveri eposits (B2) (I ts (B3) (River atterns (B10) Water Table Surface (C7) rrows (C8) /isible on Aeria uitard (D3)	ne) Riverine) ine) (C2) al Imagery (
YDROLO Wetland I Primary In Surface High V Satura Water Sedim Drift D Surface Inunda Water Field Obse Surface W Water Tab Saturation (includes c	DGY Hydrology Indicators: dicators (minimum of complete Water (A1) Water Table (A2) ation (A3) Marks (B1) (Nonriver ment Deposits (B2) (Nonriver ce Soil Cracks (B6) ation Visible on Aerial I c-Stained Leaves (B9) ervations: ater Present? Present? Y Present? Apillary fringe)	ine) nriverine) rine) magery (B7) 'es No 'es No 'es No	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex X Depth (inch X Depth (inch	t (B11) Ist (B12) Invertebrates (B I Sulfide Odor (Rhizospheres a of Reduced Irc In Reduction in It Surface (C7) Inplain in Remark Ines): Ines): Ines):	C1) along Living Roon (C4) a Tilled Soils (C6) ks) Wetla	ots (C3) 6) and Hydrolo	Water Marks Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish But Saturation V Shallow Aqu FAC-Neutra	s (B1) (Riveri eposits (B2) (I ts (B3) (River atterns (B10) Water Table Surface (C7) rrows (C8) /isible on Aeria uitard (D3)	ne) Riverine) ine) (C2) al Imagery (
YDROLO Wetland I Primary In Surface High V Satura Water Sedim Drift D Surface Water Field Obse Surface W Water Tab Saturation (includes celescribe Re	DGY Hydrology Indicators: dicators (minimum of complete Water (A1) Water Table (A2) ation (A3) Marks (B1) (Nonriver ment Deposits (B2) (Nonriver ce Soil Cracks (B6) ation Visible on Aerial I c-Stained Leaves (B9) ervations: ater Present? Present? Y Present? Apillary fringe)	ine) nriverine) rine) magery (B7) es No es No es No gauge, monitoriu	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex X Depth (inch X Depth (inch	t (B11) Ist (B12) Invertebrates (B I Sulfide Odor (Rhizospheres a of Reduced Irc In Reduction in It Surface (C7) Inplain in Remark Ines): Ines): Ines):	C1) along Living Roon (C4) a Tilled Soils (C6) ks) Wetla	ots (C3) 6) and Hydrolo	Water Marks Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish But Saturation V Shallow Aqu FAC-Neutra	s (B1) (Riveri eposits (B2) (I ts (B3) (River atterns (B10) Water Table Surface (C7) rrows (C8) /isible on Aeria uitard (D3)	ne) Riverine) ine) (C2) al Imagery (
YDROLO Wetland I Primary In Surface High V Satura Water Sedim Drift D Surface Water Field Obse Surface W Water Tab Saturation includes c escribe Re	DGY Hydrology Indicators: dicators (minimum of of complete the complet	ine) nriverine) rine) magery (B7) es No es No es No gauge, monitoriu	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex X Depth (inch X Depth (inch	t (B11) Ist (B12) Invertebrates (B I Sulfide Odor (Rhizospheres a of Reduced Irc In Reduction in It Surface (C7) Inplain in Remark Ines): Ines): Ines):	C1) along Living Roon (C4) a Tilled Soils (C6) ks) Wetla	ots (C3) 6) and Hydrolo	Water Marks Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish But Saturation V Shallow Aqu FAC-Neutra	s (B1) (Riveri eposits (B2) (I ts (B3) (River atterns (B10) Water Table Surface (C7) rrows (C8) /isible on Aeria uitard (D3)	ne) Riverine) ine) (C2) al Imagery (
YDROLO Wetland I Primary In Surface High V Satura Water Sedim Drift D Surface Water Field Obse Surface W Water Tab Saturation (includes celescribe Re	DGY Hydrology Indicators: dicators (minimum of of complete the complet	ine) nriverine) rine) magery (B7) es No es No es No gauge, monitoriu	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex X Depth (inch X Depth (inch	t (B11) Ist (B12) Invertebrates (B I Sulfide Odor (Rhizospheres a of Reduced Irc In Reduction in It Surface (C7) Inplain in Remark Ines): Ines): Ines):	C1) along Living Roon (C4) a Tilled Soils (Caks) Wetla	ots (C3) 6) and Hydrolo	Water Marks Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish But Saturation V Shallow Aqu FAC-Neutra	s (B1) (Riveri eposits (B2) (I ts (B3) (River atterns (B10) Water Table Surface (C7) rrows (C8) /isible on Aeria uitard (D3)	ne) Riverine) ine) (C2) al Imagery (

Project/Site: Southwest Village Specific F	Plan Project		City/Coun	ty: San Dieg	0	Sampling Date: <u>3/17/2021</u>
Applicant/Owner: Tri Point Homes					State: CA	_Sampling Point: S-1
Investigator(s): Beth Procsal, Gerry Sche	eid		Section,	Township, R	ange: Section 31, T18S F	R01W
Landform (hillslope, terrace, etc.): bank o	f drainage		Local rel	ief (concave,	convex, none): concave	Slope (%): <u>0-2</u>
Subregion (LRR): C - Mediterranean Cali	ifornia	Lat:			Long:	Datum: NAD83
Soil Map Unit Name: Olivenhain cobbly	loam, 30 to 50				NWI classification	
Are climatic / hydrologic conditions on the	e site typical fo	or this time o	f year? Yes	X No	(If no, explain in	Remarks.)
Are Vegetation X, Soil , or			-			es" present? Yes X No
Are Vegetation, Soil, or					(If needed, explain any ans	swers in Remarks.)
SUMMARY OF FINDINGS – Attach	site map si	nowing sa	mpling poir	it locations	s, transects, importan	t teatures, etc.
Hydrophytic Vegetation Present?	Yes X	No			_	
Hydric Soil Present?	Yes	No X		ne Sampled nin a Wetlan	Yes	NoX
Wetland Hydrology Present?	Yes	No X		iiii a vvetiaii	u:	
Remarks: Sample point along Drainage	e S.					
g						
VEGETATION – Use scientific nan	nes of plant					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works	
1. Tamarix ramosissima	/	30	Yes	FAC	Number of Dominant Sp That Are OBL, FACW, of	
2.					Total Number of Domina	, ,
3.					Species Across All Strat	
4.					Percent of Dominant Sp	pecies
			= Total Cove	er	That Are OBL, FACW, o	or FAC: <u>75</u> (A/B)
Sapling/Shrub Stratum (Plot size:)					
1. Baccharis salicifolia		50	Yes	FAC	Prevalence Index work	ksheet:
2					Total % Cover of:	Multiply by:
3					OBL species	x 1 =
4					FACW species	x 2 =
5					FAC species	x 3 =
	,		= Total Cove	er	FACU species	x 4 =
Herb Stratum (Plot size:)		.,		UPL species	x 5 =
1. Urtica urens		60	Yes Yes	UPL_	Column Totals:	(B)
2. Helminthotheca echioides		40	Yes	FAC	Prevalence Inde	x = B/A =
3.					Under the Manager	or locally advances
4. 5.					Hydrophytic Vegetatio	
		· 			X Dominance Test i	
6. 7.					Prevalence Index	
8.						aptations¹ (Provide supporting ks or on a separate sheet)
o			= Total Cov			ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)		- Total Gov	CI .	Floblematic Hydr	opriyiic vegetation (Explain)
1 none	′				¹ Indicators of hydric so	il and wetland hydrology must
2.					be present, unless dist	urbed or problematic.
			= Total Cove	 er	Hydrophytic	
			. 5.0. 0000		Vegetation	
% Bare Ground in Herb Stratum0) % Co	over of Biotic	Crust	0		es X No
Remarks: A lot of leaf litter and woody do	ebris.				1	

SOIL Sampling Point: S-1

nches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu	<u> </u>	Rem	ains
-14	10YR 3/3					-	sandy lo	am		
	-									
vpe: C=Co	 ncentration, D=Deplet	ion. RM=Reduced	Matrix. CS=Covere	ed or Coated	Sand Grains	s. ² L	ocation: PL	=Pore Lining, RC	=Root Chann	el. M=Matrix.
•	Indicators: (Appl							ors for Proble		
_Histosol	I (A1)		Sandy	Redox (S5)			1 c	m Muck (A9) (I	LRR C)	
Histic E	pipedon (A2)		Strippe	d Matrix (S6	3)		2 c	m Muck (A10)	(LRR B)	
_	istic (A3)			Mucky Mine				duced Vertic (F	,	
	en Sulfide (A4)			Gleyed Mat	. ,			d Parent Mater	. ,	
_	d Layers (A5) (LRF	R C)		ed Matrix (F	•		Oth	ner (Explain in	Remarks)	
_	uck (A9) (LRR D)	(0.44)		Dark Surfac	. ,					
	d Below Dark Surfa ark Surface (A12)	ace (ATT)		ed Dark Surf Depression:	` '		3Indicat	tors of hydroph	vtic vogotati	on and
_	Mucky Mineral (S1)			Pools (F9)	5 (10)			land hydrology		
	Gleyed Matrix (S4)			1 0010 (1 0)				ess disturbed o		
strictive	Layer (if present):									
_	,									
Туре:			_				Hydric So	il Present?	Yes	NoX
Type: Depth (inc		tors observed.	- -				Hydric So	il Present?	Yes	NoX
Type: Depth (inc emarks: N	hes):lo hydric soil indica	tors observed.	_				Hydric So	il Present?	Yes	No <u> X</u>
Type: Depth (incommarks: N	hes):lo hydric soil indica						Hydric So	il Present?		
Type:	hes):lo hydric soil indica	rs:	check all that app	oly)			Hydric So	Secondary In		or more requ
Type:	hes):lo hydric soil indica	rs:	 check all that app Salt Cru				Hydric So	Secondary In	dicators (2	or more requ
Type:	hes): lo hydric soil indica SY ydrology Indicator icators (minimum c	rs:	Salt Cru				Hydric So	Secondary In	dicators (2 ks (B1) (Riv Deposits (B2	or more requerine)
Type: Depth (incommarks: Nonemarks: Non	hes):lo hydric soil indica	rs:	Salt Cru Biotic Cr	st (B11) rust (B12)	es (B13)		Hydric So	Secondary In Water Mar Sediment X Drift Depo	dicators (2 ks (B1) (Riv Deposits (B2 sits (B3) (Riv	or more requerine) 2) (Riverine) verine)
Type: Depth (incommarks: Nonemarks: No	hes):lo hydric soil indica	rs: f one required;	Salt Cru Biotic Cı Aquatic	st (B11)			Hydric So	Secondary In Water Mar Sediment X Drift Depor	dicators (2 ks (B1) (Riv Deposits (B2	or more requerine) 2) (Riverine) verine) 0)
DROLOG Vetland Hyrimary Ind Surface High W Saturati Water M	hes):	rs: f one required; erine)	Salt Cru Biotic Ci Aquatic Hydroge	st (B11) rust (B12) Invertebrate	dor (C1)			Secondary In Water Mar Sediment X Drift Depor	dicators (2) ks (B1) (Riv Deposits (B2) sits (B3) (Riv Patterns (B1) on Water Tab	or more requerine) 2) (Riverine) verine) 0) ble (C2)
DROLOGIETIST STATES TO SENTING TO	hes): lo hydric soil indica GY ydrology Indicator icators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriv	rs: f one required; erine) lonriverine)	Salt Cru Biotic Ci Aquatic Hydroge Oxidized	st (B11) rust (B12) Invertebrate en Sulfide O	dor (C1) eres along	Living Roo		Secondary In Water Mar Sediment X Drift Depo- Drainage F Dry-Seaso Thin Muck	dicators (2) ks (B1) (Riv Deposits (B2) sits (B3) (Riv Patterns (B1) on Water Tab	or more requererine) 2) (Riverine) verine) 0) ole (C2)
DROLOG Type: DROLOG Tetland Hyrimary Ind Surface High W Saturati Water M Sedime Drift De	hes): lo hydric soil indica GY ydrology Indicator icators (minimum c water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriv ent Deposits (B2) (N	rs: f one required; erine) lonriverine)	Salt Cru Biotic Ci Aquatic Hydroge Oxidizec Presence	st (B11) rust (B12) Invertebrate en Sulfide O	dor (C1) eres along ed Iron (C4	Living Roc	ots (C3)	Secondary In Water Mar Sediment X Drift Depor Drainage F Dry-Seaso Thin Muck Crayfish B	dicators (2 ks (B1) (Riv Deposits (B3) (Riv Patterns (B1) on Water Tak Surface (C7 urrows (C8)	or more requererine) 2) (Riverine) verine) 0) ole (C2)
DROLOG Petland Hyrimary Ind Surface High W Saturati Water M Sedime Drift De Surface	hes):	erine) Ionriverine) verine)	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presenc	st (B11) rust (B12) Invertebrate en Sulfide O d Rhizosphe e of Reduce	dor (C1) eres along ed Iron (C ² on in Tilled	Living Roc	ots (C3)	Secondary In Water Mar Sediment X Drift Depor Drainage F Dry-Seaso Thin Muck Crayfish B Saturation	dicators (2 ks (B1) (Riv Deposits (B3) (Riv Patterns (B1) on Water Tak Surface (C7 urrows (C8)	or more requererine) (2) (Riverine) (4) (5) (6) (7)
DROLOG DROLOG Metland Hyrimary Ind Surface High W Saturati Water M Sedime Drift De Surface Inundat	hes): lo hydric soil indica lo hydric soil indica lo hydric soil indica lo hydric soil indica lo hydrology Indicator licators (minimum of licators (minimum	rs: f one required; erine) lonriverine) verine)	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presence Recent I	st (B11) rust (B12) Invertebrate en Sulfide O d Rhizosphe ee of Reduce Iron Reducti	dor (C1) eres along ed Iron (C4 on in Tilled (C7)	Living Roc	ots (C3)	Secondary In Water Mar Sediment X Drift Depor Drainage F Dry-Seaso Thin Muck Crayfish B Saturation Shallow Ar	dicators (2 ks (B1) (Riv Deposits (B3) (Riv Patterns (B1) on Water Tat Surface (C7 urrows (C8) Visible on A	or more requerine) 2) (Riverine) verine) 0) ble (C2) 7) verial Imagery
DROLOG Fetland Hyrimary Ind Surface High W Saturati Water M Sedime Drift De Surface Inundat Water-S	hes): lo hydric soil indica GY ydrology Indicator icators (minimum of Water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriv ent Deposits (B2) (Nonriv ent Deposits (B3) (Nonriv ent Soil Cracks (B6) ion Visible on Aeria Stained Leaves (B9)	rs: f one required; erine) lonriverine) verine)	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presence Recent I	st (B11) rust (B12) Invertebrate en Sulfide O d Rhizosphe ise of Reduce Iron Reducti ck Surface (dor (C1) eres along ed Iron (C4 on in Tilled (C7)	Living Roc	ots (C3)	Secondary In Water Mar Sediment X Drift Depor Drainage F Dry-Seaso Thin Muck Crayfish B Saturation Shallow Ar	dicators (2 ks (B1) (Riv Deposits (B2) (Riv Patterns (B1) on Water Tab Surface (C7) urrows (C8) Visible on A quitard (D3)	or more requerine) 2) (Riverine) verine) 0) ble (C2) 7) verial Imagery
DROLOG Metland Hyrimary Ind Surface High W Saturati Water M Sedime Drift De Surface Inundat Water-Seld Obser	hes): lo hydric soil indica GY ydrology Indicator icators (minimum of Water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriv ent Deposits (B2) (Nonriv ent Deposits (B3) (Nonriv ent Soil Cracks (B6) ion Visible on Aeria Stained Leaves (B9)	erine) lonriverine) verine) al Imagery (B7)	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presence Recent I	st (B11) rust (B12) Invertebrate en Sulfide Or d Rhizosphe ee of Reduce dron Reducti ck Surface (explain in Re	dor (C1) eres along ed Iron (C4 on in Tilled (C7)	Living Roc	ots (C3)	Secondary In Water Mar Sediment X Drift Depor Drainage F Dry-Seaso Thin Muck Crayfish B Saturation Shallow Ar	dicators (2 ks (B1) (Riv Deposits (B2) (Riv Patterns (B1) on Water Tab Surface (C7) urrows (C8) Visible on A quitard (D3)	or more requerine) 2) (Riverine) verine) 0) ble (C2) 7) verial Imagery
DROLOG Petland Hyrimary Ind Surface High W Saturati Water M Sedime Drift De Surface Inundat Water-Seld Obser	hes): lo hydric soil indica lo hydric soil indica lo hydric soil indica lo hydric soil indica lo hydrology Indicator lo icators (minimum of lo Water (A1) later Table (A2) lion (A3) lion (A3) lion (A3) lion (B1) (Nonriv lion (B2) (Nonriv lion Soil Cracks (B6) lion Visible on Aeria lion Visible on Aeria lion Stained Leaves (B9 lion Visibnes: lier Present?	erine) lonriverine) verine) al Imagery (B7)	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebrate en Sulfide O d Rhizosphe ee of Reduce fron Reducti ck Surface (explain in Re	dor (C1) eres along ed Iron (C4 on in Tilled (C7)	Living Roc	ots (C3)	Secondary In Water Mar Sediment X Drift Depor Drainage F Dry-Seaso Thin Muck Crayfish B Saturation Shallow Ar	dicators (2 ks (B1) (Riv Deposits (B2) (Riv Patterns (B1) on Water Tab Surface (C7) urrows (C8) Visible on A quitard (D3)	or more requerine) 2) (Riverine) verine) 0) ble (C2) 7) verial Imagery
DROLOG Vetland Hy rimary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S eld Obser urface Wat	hes): lo hydric soil indica lo hydric soil indica lo hydric soil indica lo hydric soil indica lo hydrology Indicator licators (minimum of licators (mini	erine) Ionriverine) verine) al Imagery (B7) b) Yes N Yes N	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presence Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebrate en Sulfide Or d Rhizosphe er of Reduce Iron Reducti ck Surface (explain in Re ches):	dor (C1) eres along ed Iron (C4 on in Tilled (C7)	Living Roo	ots (C3)	Secondary In Water Mar Sediment X Drift Depor Drainage F Dry-Seaso Thin Muck Crayfish B Saturation Shallow Ar	dicators (2 ks (B1) (Riv Deposits (B2) (Riv Patterns (B1) on Water Tat Surface (C7 urrows (C8) Visible on A quitard (D3)	or more requerine) 2) (Riverine) verine) 0) ble (C2) 7) verial Imagery
Type:	hes): lo hydric soil indica lo hydric soil indica lo hydric soil indica lo hydric soil indica lo hydrology Indicator licators (minimum of licators (mini	rs: f one required; erine) lonriverine) verine) al Imagery (B7)) Yes N Yes N Yes N	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presend Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebrate en Sulfide Or d Rhizosphe e of Reduce Iron Reducti ck Surface (Explain in Re ches): ches): ches):	dor (C1) tres along ed Iron (C2 on in Tilled (C7) emarks)	Living Roo	ots (C3)	Secondary In Water Mar Sediment X Drift Depor Drainage F Dry-Seasc Thin Muck Crayfish B Saturation Shallow Ar FAC-Neutr	dicators (2 ks (B1) (Riv Deposits (B2) (Riv Patterns (B1) on Water Tat Surface (C7 urrows (C8) Visible on A quitard (D3)	or more requerine) (2) (Riverine) (3) (Riverine) (4) (C2) (7) (6) (C2) (7) (Arrial Imagery
Type:	hes): lo hydric soil indica lo hydric soil indica lo hydric soil indica lo hydric soil indica lo hydrology Indicator licators (minimum of licators (mini	rs: f one required; erine) lonriverine) verine) al Imagery (B7)) Yes N Yes N Yes N	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presend Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebrate en Sulfide Or d Rhizosphe e of Reduce Iron Reducti ck Surface (Explain in Re ches): ches): ches):	dor (C1) tres along ed Iron (C2 on in Tilled (C7) emarks)	Living Roo	ots (C3)	Secondary In Water Mar Sediment X Drift Depor Drainage F Dry-Seasc Thin Muck Crayfish B Saturation Shallow Ar FAC-Neutr	dicators (2 ks (B1) (Riv Deposits (B2) (Riv Patterns (B1) on Water Tat Surface (C7 urrows (C8) Visible on A quitard (D3)	or more requerine) (2) (Riverine) (3) (Riverine) (4) (C2) (7) (6) (C2) (7) (Arrial Imagery
Type:	hes): lo hydric soil indica lo hydric soil indica lo hydric soil indica lo hydric soil indica lo hydrology Indicator licators (minimum of licators (mini	rs: f one required; erine) lonriverine) verine) al Imagery (B7)) Yes N Yes N Yes N	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presend Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebrate en Sulfide Or d Rhizosphe e of Reduce Iron Reducti ck Surface (Explain in Re ches): ches): ches):	dor (C1) tres along ed Iron (C2 on in Tilled (C7) emarks)	Living Roo	ots (C3)	Secondary In Water Mar Sediment X Drift Depor Drainage F Dry-Seasc Thin Muck Crayfish B Saturation Shallow Ar FAC-Neutr	dicators (2 ks (B1) (Riv Deposits (B2) (Riv Patterns (B1) on Water Tat Surface (C7 urrows (C8) Visible on A quitard (D3)	or more requerine) (2) (Riverine) (3) (Riverine) (4) (C2) (7) (6) (C2) (7) (Arrial Imagery
Depth (incomments: Note that the comments is not the comments in the comments	hes): lo hydric soil indica lo hydric soil indica lo hydric soil indica lo hydric soil indica lo hydrology Indicator licators (minimum of licators (mini	rs: f one required; erine) lonriverine) verine) al Imagery (B7) b) Yes N Yes N Yes N T gauge, monitor	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebrate en Sulfide Or d Rhizosphe e of Reduce iron Reducti ck Surface (explain in Re ches): ches): ches):	dor (C1) eres along ed Iron (C4 on in Tilled (C7) emarks)	Living Root I) d Soils (C6 Wetla	ots (C3)	Secondary In Water Mar Sediment X Drift Depor Drainage F Dry-Seasc Thin Muck Crayfish B Saturation Shallow Ar FAC-Neutr	dicators (2 ks (B1) (Riv Deposits (B2) (Riv Patterns (B1) on Water Tat Surface (C7 urrows (C8) Visible on A quitard (D3)	or more requerine) (2) (Riverine) (3) (Riverine) (4) (C2) (7) (6) (C2) (7) (Arrial Imagery



ATTACHMENT 5

Wetland Determination Data Forms (Upland Points)

pplicant/Owner: Tri Point Homes					State:	04 0-			
					State.	CA Sa	npling Po	int: <u>12-U</u>	PL
nvestigator(s): Andrew Smisek, Chris Thomson			Section,	Township, R	ange: Section 31,	T18S R01\	V		
andform (hillslope, terrace, etc.): mesa			Local reli	ief (concave,	convex, none): no	ne	s	Slope (%):	0
subregion (LRR): C		_Lat:	32.55893		Long: -117.0191	1	Da	atum: NAI	D83
oil Map Unit Name: Huerhuero loam, 2-9% slo	pes				NWI clas	sification: ı	none		
re climatic / hydrologic conditions on the site typ	oical for this	time of	f year? Yes	x No	o(If no, exp	olain in Rer	narks.)		
re Vegetation x, Soil x, or Hydrol	ogy	signif	icantly disturb	ed?	Are "Normal Circum	stances" p	resent? Y	'es x	No
re Vegetation, Soil, or Hydrol	ogy	_ natur	ally problemat	ic?	(If needed, explain a	any answer	s in Rema	arks.)	
						-			
UMMARY OF FINDINGS – Attach site m	iap snow	ing sa	mpling poin	it locations	s, transects, imp	ortant rea	itures, e	tc.	
Hydrophytic Vegetation Present? Yes _	No	Х	la 4la	- Cll	A				
Hydric Soil Present? Yes _	No	Х		ne Sampled nin a Wetlan	Y	es	No	Х	
Wetland Hydrology Present? Yes _	No	Х		iiii a wellan	u:				
Remarks: Paired sample point for feature #12.									
EGETATION – Use scientific names of	plants.								
		solute	Dominant	Indicator	Dominance Tes	t workshee	et:		
Tree Stratum (Plot size:)) <u>%</u>	Cover	Species?	Status	Number of Domir				
1					That Are OBL, F	•	·C:	1	(A)
2					Total Number of Species Across A				(D)
3					Percent of Domir			3	(B)
4			= Total Cove		That Are OBL, F			33.3%	(A/B)
Sapling/Shrub Stratum (Plot size:	, —		= Total Cove)					
1.	′				Prevalence Inde	y workshe	et.		
2					Total % Cove			ultiply by:	
					OBL species	0	x 1 =	0	
					FACW species	0	x 2 =	0	
4 5.					FAC species	25	x 3 =	75	
	 -		= Total Cove	er	FACU species	30	x 4 =	120	
Herb Stratum (Plot size:)				UPL species	45	x 5 =	225	
1. Glebionis coronaria		45	Υ	UPL	Column Totals:	100	(A)	420	(B)
2. Bromus hordeaceus		29	Υ	FACU	Drovolone	ce Index = E	 2/A 4.2		
3. Festuca perennis	· · · · · · · · · · · · · · · · · · ·	25	Υ	FAC	Prevalent	ce muex = r	5/A = <u>4.2</u>		
4. Salsola tragus		1	N	FACU	Hydrophytic Ve	getation In	dicators:		
5.					Dominance	e Test is >5	0%		
6.	· ·				Prevalence	e Index is ≤	3.0 ¹		
7.					Morpholog	ical Adapta	tions¹ (Pr	ovide sup	porting
8.					data in	Remarks o	r on a sep	arate she	eet)
		100	= Total Cov	er	Problemati	c Hydrophy	tic Veget	ation¹ (Ex	plain)
Woody Vine Stratum (Plot size:)								
1					¹ Indicators of hy				y must
2					be present, unle	ss disturbe	a or probl	ematic.	
		100	= Total Cove	er	Hydrophytic				
% Bare Ground in Herb Stratum	% Cover of	of Biotic	Cruct		Vegetation Present?	Yes		No v	
					i resent:	169		Nox	
temarks: The sample area does not support a p	oredomince	of hydi	ophytic veget	ation				·	-

SOIL Sampling Point: 12-UPL

	iption: (Describe		neede				confirm	the absen	ce of indicato	rs.)		
Depth (inches)	Matrix Color (moist)	%	Col	or (moist)	Redox Featu %	res Type ¹	Loc ²	_ Text	ure	Rema	rks	
	, ,			or (moist)		Type	LUC	_		Keilla	uno	
<u>0-8</u>	10YR 4/3	100						sandy c	ay			
												
-												
1Type: C-Cond	centration, D=Deplet	ion DM_Doduc	ad Matr	iv CS_Cover	ad or Coatad	Sond Crain		2l contion: DI	L_Doro Lining F	C=Root Channe	I M-Motriy	
	ndicators: (Appl	-					15.		Ū-	lematic Hydric		
Histosol (icable to all I			Redox (S5	-			cm Muck (A9)	-	, cons .	
	ipedon (A2)				ed Matrix (S				cm Muck (A3)	, ,		
Black His					Mucky Mir				educed Vertic			
	n Sulfide (A4)				Gleyed Ma				ed Parent Mat	` '		
	Layers (A5) (LRI	R C)			ed Matrix (F	. ,			ther (Explain in	` '		
	ck (A9) (LRR D)	,			Dark Surfa	,			(=:	,		
	Below Dark Surfa	ace (A11)			ed Dark Su	` '						
	rk Surface (A12)			Redox	Depression	ns (F8)		³ Indica	ators of hydrop	hytic vegetatio	n and	
Sandy M	ucky Mineral (S1)			Vernal	Pools (F9)			we	etland hydrolog	y must be pres	sent,	
Sandy G	leyed Matrix (S4)							un	less disturbed	or problematic	•	
Restrictive L	ayer (if present):											
Type: sho												
Depth (inch								Hydric Sc	oil Present?	Yes	No x	
	•							,				
Remarks: No	hydric soil indica	tors observed										
HYDROLOG	Y											
Wetland Hyd	drology Indicato	rs:							Secondary I	ndicators (2 o	r more requ	uired)
Primary Indic	ators (minimum o	of one required	d; chec	k all that ap	oly)				Water Ma	arks (B1) (Rive	erine)	
Surface \	Water (A1)			Salt Cru	ıst (B11)				Sedimen	t Deposits (B2)	(Riverine)	
High Wa	ter Table (A2)		-		rust (B12)					osits (B3) (Riv e		
Saturation			-		Invertebrat	es (B13)				Patterns (B10	,	
	arks (B1) (Nonriv	erine)	-		en Sulfide C	` ,				son Water Tabl		
	t Deposits (B2) (N		-		d Rhizosph		Living Ro	nots (C3)		k Surface (C7)		
	osits (B3) (Nonri	,	-		ce of Reduc	J	J	JOIG (GG)		Burrows (C8)		
	Soil Cracks (B6)	· oo,	=		Iron Reduc	•	,	:6)		n Visible on Ae	rial Imanery	/ (C9)
	on Visible on Aeria	al Imagery (Bi	- 7)	 '	ick Surface		u cons (c	,0)		Aquitard (D3)	mai imagery	(03)
	ained Leaves (B		') <u>-</u>		Explain in R							
vvaler-st	allieu Leaves (Ds	")	-	Other (E	-хріаін ін К	emarks)			FAC-Net	ıtral Test (D5)		
Field Observ	ations:											
Surface Wate	r Present?	Yes	No		ches):							
Water Table F	Present?		No	Depth (in	ches):							
Saturation Pre		Yes	No	Depth (in	ches):		Wetla	and Hydro	logy Present	? Yes	No>	X
(includes capi												
Describe Reco	rded Data (strear	n gauge, mon	itoring	well, aerial p	ohotos, prev	ious inspe	ections), if	available:				
Remarks: No.	wetland hydrology	/ indicators of	neerved	1								
romains. INO	wouldn't riyarolog	, iriuloalula UL	7301 VE									

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	0	Sampling Date: 4	/28/23
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 2	20-UPL
Investigator(s): Andrew Smisek		Section,	Township, R	Range: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local reli	ief (concave	, convex, none): none	Slope	(%): 0
Subregion (LRR): C	Lat: 3	32.55889		Long: -117.01927	Datum:	NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classificati	ion: none	
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	(If no, explain in	n Remarks.)	
Are Vegetation , Soil , or Hydrology	signifi	cantly disturb	ed?	Are "Normal Circumstanc	es" present? Yes	X No
Are Vegetation , Soil , or Hydrology				(If needed, explain any ar	nswers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sl				s. transects. importar	nt features, etc.	
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Hydrophytic Vegetation Present? Yes Hydric Soil Present? Yes		- Is th	e Sampled	Area Vos	No X	
Wetland Hydrology Present? Yes	No X	— with	in a Wetlan	d?	NO	_
Remarks: Upland sample point paired to feature #20 v						
VEGETATION – Use scientific names of plants						
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work		
1 none				Number of Dominant S That Are OBL, FACW,		0 (A)
2				Total Number of Domir Species Across All Stra	oto:	2 (B)
3. 4.				Percent of Dominant S		<u>2</u> (D)
4		= Total Cove	er	That Are OBL, FACW,	or FAC:	0(A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index wor	ksheet:	
2.				Total % Cover of:	Multiply	by:
3				OBL species	x 1 =	
4				FACW species		
5					x 3 =	
		= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Glebionis coronaria	55	Y	UPL	Column Totals:	(A)	(B)
2. Bromus rubens		Y	UPL	Prevalence Inde	ex = B/A =	
Erodium botrys Salsola tragus	5	N	FACU FACU	Undrankutia Vagatati	en Indicatoro	
Salsola tragus Mesembryanthemum nodiflorum	1	N	FACU	Hydrophytic Vegetation		
6			TACO	Dominance Test Prevalence Index		
7.				Morphological Ad	daptations ¹ (Provide	
8					rks or on a separate	•
Monda Vina Stratum (Plat size)	91	= Total Cov	er	Problematic Hyd	rophytic Vegetation ¹	(Explain)
Woody Vine Stratum (Plot size:)				No Poston of budge a	- 9 d d d b do	
1. <u>none</u> 2.				¹ Indicators of hydric so be present, unless dis		
Z		= Total Cove	er	Hydrophytic Vegetation	<u> </u>	
% Bare Ground in Herb Stratum 9 % Co	ver of Biotic	Crust			/es No_	X
Remarks:				_1		

SOIL Sampling Point: 20-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

inches)	Color (moist)	%	Colo	(moist)	%	Type ¹	Loc ²	Textu	ire		Remai	ks
)-18	10YR 4/3	100						clay	r	o redox		
		_										
	•		·			· —— ·						
	•		-		-			-				
		_										
Type: C=Cor	ncentration, D=Depleti	on, RM=Red	uced Matrix	, CS=Covere	d or Coated	Sand Grains	S. ²	Location: PL	=Pore Lin	ng, RC=R	oot Channel,	M=Matrix.
Hydric Soil	l Indicators: (Appli	cable to all	LRRs, u	nless other	rwise note	ed.)		Indicat	ors for I	Problema	itic Hydric	Soils ³ :
Histoso	l (A1)		_	Sandy I	Redox (S5))		1 c	m Muck	(A9) (LR F	R C)	
Histic E	pipedon (A2)		_	Stripped	d Matrix (S	6)		2 c	m Muck	(A10) (LF	RR B)	
Black H	listic (A3)			Loamy	Mucky Min	eral (F1)		Re	duced V	ertic (F18)	
Hydroge	en Sulfide (A4)		_	Loamy	Gleyed Ma	atrix (F2)		Re	d Parent	Material	(TF2)	
Stratifie	d Layers (A5) (LRR	(C)	_		d Matrix (F			Oth	ner (Expl	ain in Rer	marks)	
	uck (A9) (LRR D)		_	Redox I	Dark Surfa	ce (F6)						
	ed Below Dark Surfa	ce (A11)	_	Deplete	d Dark Su	rface (F7)						
Thick D	ark Surface (A12)	, ,	_	Redox I	Depressior	ns (F8)		3Indicat	ors of hy	drophytic	vegetation	n and
Sandy I	Mucky Mineral (S1)		_		Pools (F9)			wet	land hyd	rology mu	ıst be pres	ent,
	Gleyed Matrix (S4)		_	,	` ,				-		oblematic.	
Postriotivo	Lover (if present).											
	Layer (if present):											
Type:												
D 41 /											29	
Depth (inc	hes):lo hydric soil indicat	ors observe	rd.					Hydric Soi	Il Presen	!? Y		. No <u>X</u>
Remarks: N	lo hydric soil indicat	ors observe	d.					Hydric Soi	I Presen	(? Y		. No <u>X</u>
Remarks: N	lo hydric soil indicat		d.									
Remarks: N YDROLOG Wetland Hy	lo hydric soil indicat GY ydrology Indicator	s:		all that ann	l A				Second	ary Indic	ators (2 o	more requi
YDROLOG Wetland Hy Primary Ind	GY ydrology Indicator licators (minimum o	s:							Second Wat	ary Indic er Marks	ators (2 o	r more requi
YDROLOG Wetland Hy Primary Ind Surface	GY ydrology Indicator licators (minimum of	s:		Salt Crus	st (B11)				Second Wat	ary Indic er Marks ment Dep	ators (2 or (B1) (River	r more requi
YDROLOG Wetland Hy Primary IndSurface	GY ydrology Indicator licators (minimum o	s:		Salt Crus Biotic Cr	st (B11) ust (B12)				Second Wat Sed Drift	ary Indic er Marks ment Dep Deposits	ators (2 or (B1) (River posits (B2) (B3) (River	more requirine) (Riverine)
YDROLOG Wetland Hy Primary Ind Surface High W Saturati	GY ydrology Indicator licators (minimum or e Water (A1) later Table (A2) ion (A3)	s: f one require		Salt Crus Biotic Cr Aquatic I	st (B11) ust (B12) nvertebrate	` ,			Second Wat Sed Drift	ary Indic er Marks ment Dep Deposits nage Patt	ators (2 or (B1) (River) cosits (B2) (B3) (River) erns (B10)	more requi rine) (Riverine) rine)
YDROLOG Wetland Hy Primary Ind Surface High W Saturati	GY ydrology Indicator licators (minimum of the Water (A1) later Table (A2)	s: f one require		Salt Crus Biotic Cr Aquatic I	st (B11) ust (B12)	` ,			Second Wat Sed Drift	ary Indic er Marks ment Dep Deposits nage Patt	ators (2 or (B1) (River posits (B2) (B3) (River	more requi rine) (Riverine) rine)
YDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N	GY ydrology Indicator licators (minimum or e Water (A1) later Table (A2) ion (A3)	s: f one require erine)	ed; check — — — —	Salt Crus Biotic Cr Aquatic I Hydroge	st (B11) ust (B12) nvertebrate n Sulfide C	` ,	Living Ro		Second Wat Sed Drift Drai	ary Indicer Marks ment Dep Deposits nage Patt Season V	ators (2 or (B1) (River) cosits (B2) (B3) (River) erns (B10)	more requi rine) (Riverine) rine)
YDROLOG Wetland Hy Primary Ind Surface High W Saturati Water M Sedime	GY ydrology Indicator licators (minimum or e Water (A1) fater Table (A2) ion (A3) Marks (B1) (Nonrive	s: f one require erine) lonriverine)	ed; check — — — —	Salt Crus Biotic Cr Aquatic I Hydroge Oxidized	st (B11) ust (B12) nvertebrate n Sulfide C	Odor (C1)	•		Second Wat Sed Drift Drai Dry-	ary Indicer Marks ment Dep Deposits nage Patt Season V	ators (2 or (B1) (River cosits (B2) (B3) (River (B10) Vater Table (rface (C7)	more requi rine) (Riverine) rine)
YDROLOG Wetland Hy Primary Ind Surface High W Saturati Water M Sedime Drift De	gy ydrology Indicator licators (minimum of water (A1) rater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Nonrive	s: f one require erine) lonriverine)	ed; check — — — —	Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduce	Odor (C1) eres along ed Iron (C4	1)	ots (C3)	Second Wat Sed Drift Drai Dry- Thin Cray	ary Indicer Marks ment Deposits nage Patt Season V Muck Suffish Burro	ators (2 or (B1) (River cosits (B2) (B3) (River terns (B10) Vater Table urface (C7) ows (C8)	more requirine) (Riverine) erine)
YDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface	do hydric soil indicated by the soil indicator of the water (A1) and the soil indicator (A3) and the soil (B2) (Nonriversity (B3) (Nonriversity (B	s: f one require erine) lonriverine)	ed; check 	Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct	Odor (C1) eres along ed Iron (C2 tion in Tille	1)	ots (C3)	Second Wat Sed Drift Drai Dry- Thin Cray	ary Indic er Marks ment Dep Deposits nage Patt Season V Muck Su fish Burro ration Vis	ators (2 or (B1) (River cosits (B2) (B3) (River cerns (B10) Vater Table urface (C7) ows (C8) sible on Ae	more requi rine) (Riverine) rine)
YDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat	GY ydrology Indicator licators (minimum or e Water (A1) //ater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Nonrive e Soil Cracks (B6) tion Visible on Aeria	s: f one require erine) lonriverine) rerine)	ed; check 	Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent II Thin Muc	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface	Odor (C1) eres along red Iron (C4 tion in Tilled (C7)	1)	ots (C3)	Second Wat Sed Drift Drai Dry- Thin Cray Satu	ary Indicer Marks ment Deposits nage Patt Season V Muck Su fish Burro ration Vis	ators (2 or (B1) (River cosits (B2) (B3) (River cerns (B10) Vater Table urface (C7) ows (C8) sible on Ae ard (D3)	more requirine) (Riverine) erine)
YDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S	GY ydrology Indicator licators (minimum of Water (A1) rater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Nonrive es Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9)	s: f one require erine) lonriverine) rerine)	ed; check 	Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent II Thin Muc	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct	Odor (C1) eres along red Iron (C4 tion in Tilled (C7)	1)	ots (C3)	Second Wat Sed Drift Drai Dry- Thin Cray Satu	ary Indic er Marks ment Dep Deposits nage Patt Season V Muck Su fish Burro ration Vis	ators (2 or (B1) (River cosits (B2) (B3) (River cerns (B10) Vater Table urface (C7) ows (C8) sible on Ae ard (D3)	more requirine) (Riverine) erine)
YDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S	do hydric soil indicated by the posits (B3) (Nonrive Soil Cracks (B6) then Visible on Aeria Stained Leaves (B9) (Nortice Stained Lea	s: f one require erine) lonriverine) rerine)	ed; check ————————————————————————————————————	Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent Ii Thin Muc	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in Re	Odor (C1) eres along red Iron (C4 tion in Tilled (C7)	1)	ots (C3)	Second Wat Sed Drift Drai Dry- Thin Cray Satu	ary Indicer Marks ment Deposits nage Patt Season V Muck Su fish Burro ration Vis	ators (2 or (B1) (River cosits (B2) (B3) (River cerns (B10) Vater Table urface (C7) ows (C8) sible on Ae ard (D3)	more requirine) (Riverine) erine)
YDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S	GY ydrology Indicator licators (minimum or e Water (A1) /ater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Norrive e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9) rvations: ter Present?	s: f one require erine) lonriverine; rerine) I Imagery (E	ed; check ————————————————————————————————————	Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in Re	odor (C1) eres along ed Iron (C4 tion in Tilled (C7) emarks)	1)	ots (C3)	Second Wat Sed Drift Drai Dry- Thin Cray Satu	ary Indicer Marks ment Deposits nage Patt Season V Muck Su fish Burro ration Vis	ators (2 or (B1) (River cosits (B2) (B3) (River cerns (B10) Vater Table urface (C7) ows (C8) sible on Ae ard (D3)	more requirine) (Riverine) erine)
YDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table	GY ydrology Indicator icators (minimum or water (A1) fater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Nonrive es Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 rvations: ter Present?	s: f one require erine) lonriverine) rerine) I Imagery (E) Yes	ed; check	Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I Thin Muc Other (E	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in R	odor (C1) eres along ed Iron (C4 tion in Tilled (C7) emarks)	l) d Soils (C	ots (C3)	Second Wat Sed Drift Drai Dry- Thin Cray Satu Sha FAC	ary Indic er Marks ment Dep Deposits nage Patt Season V Muck Su fish Burro ration Vis low Aquit -Neutral	ators (2 or (B1) (River) cosits (B2) (B3) (River) cerns (B10) Vater Table orface (C7) cows (C8) sible on Ae ard (D3) Fest (D5)	more requi rine) (Riverine) rine) e (C2)
YDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation P	GY ydrology Indicator icators (minimum or water (A1) fater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Nonrive es Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 rvations: ter Present? Present?	s: f one require erine) lonriverine; rerine) I Imagery (E	ed; check	Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I Thin Muc Other (E	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in R	odor (C1) eres along ed Iron (C4 tion in Tilled (C7) emarks)	l) d Soils (C	ots (C3)	Second Wat Sed Drift Drai Dry- Thin Cray Satu Sha FAC	ary Indic er Marks ment Dep Deposits nage Patt Season V Muck Su fish Burro ration Vis low Aquit -Neutral	ators (2 or (B1) (River cosits (B2) (B3) (River cerns (B10) Vater Table urface (C7) ows (C8) sible on Ae ard (D3)	more requi rine) (Riverine) rine) e (C2)
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YDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation P includes cal	GY ydrology Indicator icators (minimum or water (A1) fater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Nonrive es Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 rvations: ter Present? Present? Present?	s: f one require erine) lonriverine) rerine) I Imagery (E) Yes Yes Yes	ed; check	Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I Thin Muc Other (E	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in R ches): ches):	Odor (C1) eres along ed Iron (C2 tion in Tiller (C7) emarks)	d Soils (C	ots (C3)	Second Wat Sed Drift Drai Dry- Thin Cray Satu Sha FAC	ary Indic er Marks ment Dep Deposits nage Patt Season V Muck Su fish Burro ration Vis low Aquit -Neutral	ators (2 or (B1) (River) cosits (B2) (B3) (River) cerns (B10) Vater Table orface (C7) cows (C8) sible on Ae ard (D3) Fest (D5)	more requi rine) (Riverine) rine) e (C2)
YDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S Gield Obser Surface Water Table Saturation P Includes callescribe Rec	GY ydrology Indicator dicators (minimum of e Water (A1) dater Table (A2) dion (A3) Marks (B1) (Nonrive ent Deposits (B2) (N eposits (B3) (Nonrive e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 evations: ter Present? Present? Present? pillary fringe) corded Data (stream	s: f one require erine) conriverine) rerine) I Imagery (E) Yes Yes Yes a gauge, mo	ed; check	Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I Thin Muc Other (E	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in R ches): ches):	Odor (C1) eres along ed Iron (C2 tion in Tiller (C7) emarks)	d Soils (C	ots (C3)	Second Wat Sed Drift Drai Dry- Thin Cray Satu Sha FAC	ary Indic er Marks ment Dep Deposits nage Patt Season V Muck Su fish Burro ration Vis low Aquit -Neutral	ators (2 or (B1) (River) cosits (B2) (B3) (River) cerns (B10) Vater Table orface (C7) cows (C8) sible on Ae ard (D3) Fest (D5)	more requi rine) (Riverine) rine) e (C2)
YDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S Gield Obser Surface Water Table Saturation P Includes calescribe Rec	GY ydrology Indicator icators (minimum or water (A1) fater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Nonrive es Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 rvations: ter Present? Present? Present?	s: f one require erine) conriverine) rerine) I Imagery (E) Yes Yes Yes a gauge, mo	ed; check	Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent I Thin Muc Other (E	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in R ches): ches):	odor (C1) eres along ed Iron (C2 tion in Tiller (C7) emarks)	d Soils (C	ots (C3)	Second Wat Sed Drift Drai Dry- Thin Cray Satu Sha FAC	ary Indic er Marks ment Dep Deposits nage Patt Season V Muck Su fish Burro ration Vis low Aquit -Neutral	ators (2 or (B1) (River) cosits (B2) (B3) (River) cerns (B10) Vater Table orface (C7) ows (C8) sible on Ae ard (D3) Fest (D5)	more requi rine) (Riverine) rine) e (C2)
YDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S Gield Obser Surface Water Table Saturation P Includes callescribe Rec	GY ydrology Indicator dicators (minimum of e Water (A1) dater Table (A2) dion (A3) Marks (B1) (Nonrive ent Deposits (B2) (N eposits (B3) (Nonrive e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 evations: ter Present? Present? Present? pillary fringe) corded Data (stream	s: f one require erine) conriverine) rerine) I Imagery (E) Yes Yes Yes a gauge, mo	ed; check	Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in R ches): ches):	odor (C1) eres along ed Iron (C2 tion in Tiller (C7) emarks)	d Soils (C	ots (C3)	Second Wat Sed Drift Drai Dry- Thin Cray Satu Sha FAC	ary Indic er Marks ment Dep Deposits nage Patt Season V Muck Su fish Burro ration Vis low Aquit -Neutral	ators (2 or (B1) (River) cosits (B2) (B3) (River) cerns (B10) Vater Table orface (C7) ows (C8) sible on Ae ard (D3) Fest (D5)	more requi rine) (Riverine) rine) e (C2)
YDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S Gield Obser Surface Water Table Saturation P Includes cal escribe Rec	GY ydrology Indicator dicators (minimum of e Water (A1) dater Table (A2) dion (A3) Marks (B1) (Nonrive ent Deposits (B2) (N eposits (B3) (Nonrive e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9 evations: ter Present? Present? Present? pillary fringe) corded Data (stream	s: f one require erine) conriverine) rerine) I Imagery (E) Yes Yes Yes a gauge, mo	ed; check	Salt Crus Biotic Cr Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in R ches): ches):	odor (C1) eres along ed Iron (C2 tion in Tiller (C7) emarks)	d Soils (C	ots (C3)	Second Wat Sed Drift Drai Dry- Thin Cray Satu Sha FAC	ary Indic er Marks ment Dep Deposits nage Patt Season V Muck Su fish Burro ration Vis low Aquit -Neutral	ators (2 or (B1) (River) cosits (B2) (B3) (River) cerns (B10) Vater Table orface (C7) ows (C8) sible on Ae ard (D3) Fest (D5)	more requi rine) (Riverine) rine) e (C2)

Project/Site: Southwest Village Specific Plan Project		City/Count	y: San Dieg	0	Samplin	g Date: 6	/27/23	
Applicant/Owner: Tri Point Homes				State: CA	Samplin	g Point: 2	2-UPL	
Investigator(s): Andrew Smisek, Chris Thomson		Section,	Township, F	Range: Section 31, T18	3S R01W			
Landform (hillslope, terrace, etc.): mesa		Local reli	ef (concave	, convex, none): <u>none</u>		Slope	(%): 2	
Subregion (LRR): C	Lat:	32.55901		Long: <u>-117.01868</u>		Datum:	NAD83	
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classific	ation: none			
Are climatic / hydrologic conditions on the site typical for	r this time of	f year? Yes	x N	o(If no, explain	ո in Remarks	3.)		
Are Vegetation x, Soil x, or Hydrology	signif	icantly disturbe	ed?	Are "Normal Circumsta	nces" preser	nt? Yes _	x No	
Are Vegetation, Soil, or Hydrology _	natura	ally problemati	c?	(If needed, explain any	answers in F	Remarks.)		
SUMMARY OF FINDINGS – Attach site map s	howing sa	mpling poin	t location	s, transects, import	ant feature	es, etc.		
Hydrophytic Vegetation Present? Yes	No x	lo th	o Compled	Aron				
Hydric Soil Present? Yes	No x		e Sampled in a Wetlan	VAC	No	x	_	
Wetland Hydrology Present? Yes	No x	_						
Remarks: Paired sample point for feature #22. VEGETATION – Use scientific names of plant								
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test wo				
1.	70 OOVCI	Орсскоз	Otatus	Number of Dominant That Are OBL, FACV		(0 (A)	
2.				Total Number of Dor	•		<u>, </u>	
3.				Species Across All S	trata:	4	4 (B)	
4.				Percent of Dominant				٠,
		= Total Cove	r	That Are OBL, FACV	V, or FAC:		0(A/B	i)
Sapling/Shrub Stratum (Plot size:)								
Artemisia californica	25	Υ	UPL	Prevalence Index w				
2				Total % Cover of		Multiply		
3.				OBL species		-	0	
4.				FACW species FAC species			0	
5	25	= Total Cove		FACU species		-	00	
Herb Stratum (Plot size:)		= Total Cove	l	UPL species		-	25	
Glebionis coronaria	20	Υ	UPL	Column Totals:	95 (A		25 (B)	
2. Festuca myuros	20	Υ	FACU	Daniel and a				
3. Bromus diandrus	30	Υ	FACU	Prevalence In	10ex = B/A =	4.5		
4.				Hydrophytic Vegeta	ation Indica	tors:		
5.				Dominance Te	est is >50%			
6				Prevalence Inc	dex is ≤3.0¹			
7				Morphological				
8					narks or on a	•	,	
	70	= Total Cove	er	Problematic H	ydrophytic V	egetation ¹	(Explain)	
Woody Vine Stratum (Plot size:)				4				
1.				¹ Indicators of hydric be present, unless				
2				, ,				
	95	= Total Cover	r	Hydrophytic Vegetation				
	over of Biotic	-		Present?	Yes	No_	X	
Remarks: The sample area does not support a predon	ninance of hy	ydrophytic veg	etation.					

SOIL Sampling Point: 22-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Features			
(inches)	Color (moist)	%	Color (moist)	% Type	Loc ²	Texture	e Remarks
0-18	10YR 3/3	100				sandy clay	1
							· ·
							
						_	
¹ Type: C=Coi	ncentration, D=Depletion	n, RM=Reduced	d Matrix, CS=Covered	d or Coated Sand G	rains.	Location: PL=F	Pore Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applic	able to all LR	Rs, unless other	wise noted.)		Indicato	rs for Problematic Hydric Soils ³ :
Histoso	I (A1)		Sandy F	Redox (S5)		1 cm	n Muck (A9) (LRR C)
Histic E	pipedon (A2)		Stripped	Matrix (S6)			Muck (A10) (LRR B)
Black H	listic (A3)		Loamy I	Mucky Mineral (F1)	Redu	uced Vertic (F18)
Hydroge	en Sulfide (A4)		Loamy (Gleyed Matrix (F2)	Red	Parent Material (TF2)
Stratifie	d Layers (A5) (LRR	C)	Deplete	d Matrix (F3)		Othe	er (Explain in Remarks)
	uck (A9) (LRR D)		Redox [Dark Surface (F6)			
	d Below Dark Surfa	ce (A11)		d Dark Surface (F	7)		
	ark Surface (A12)			Depressions (F8)			rs of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal F	Pools (F9)			and hydrology must be present,
Sandy (Gleyed Matrix (S4)					unles	s disturbed or problematic.
Restrictive	Layer (if present):						
Type:							
Depth (inc	hes):		<u></u>			Hydric Soil I	Present? Yes No x
HYDROLO							
	ydrology Indicators					<u>S</u>	Secondary Indicators (2 or more required)
Primary Ind	icators (minimum of	one required;	check all that appl	y)			Water Marks (B1) (Riverine)
	Water (A1)		Salt Crus	. ,		_	Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru			_	Drift Deposits (B3) (Riverine)
	ion (A3)			nvertebrates (B13	,	_	Drainage Patterns (B10)
Water N	Marks (B1) (Nonrive	rine)	Hydroger	n Sulfide Odor (C1)	_	Dry-Season Water Table (C2)
Sedime	ent Deposits (B2) (No	onriverine)	Oxidized	Rhizospheres alc	ng Living Ro	oots (C3)	Thin Muck Surface (C7)
Drift De	eposits (B3) (Nonriv e	erine)	Presence	of Reduced Iron	(C4)	_	Crayfish Burrows (C8)
Surface	Soil Cracks (B6)		Recent Ir	on Reduction in T	illed Soils (C	(6)	Saturation Visible on Aerial Imagery (C9)
Inundat	ion Visible on Aerial	Imagery (B7)	Thin Muc	k Surface (C7)		_	Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	plain in Remarks)	_	FAC-Neutral Test (D5)
Field Obser	vations:						
Surface Wat	er Present?	Yes N	lo Depth (inc	hes):			
Water Table	Present?	Yes N	lo Depth (inc	hes):			
Saturation P		Yes N				and Hydrolog	gy Present? Yes No x
(includes ca	pillary fringe)		· `	,			
Describe Rec	corded Data (stream	gauge, monito	oring well, aerial ph	notos, previous ins	spections), if	available:	
Remarks: No	wetland hydrology	indicators obse	erved				

Project/Site: Southwest Village Specific Plan Project		City/Count	ty: San Dieg	0	Sam	pling Date	e: <u>6/27/2</u>	3
Applicant/Owner: Tri Point Homes				State: C	CA Sam	npling Poin	t: <u>23-UP</u>	L
Investigator(s): Andrew Smisek		Section,	Township, R	Range: Section 31, 7	T18S R01W	1		
Landform (hillslope, terrace, etc.): mesa or berm		Local reli	ef (concave	, convex, none): <u>con</u>	vex	Slo	ope (%):	5
Subregion (LRR): C	Lat:	32.55901		Long: <u>-117.01868</u>		Datı	um: NAD	83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI class	ification: no	one		
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	x No	o(If no, exp	lain in Rem	arks.)		
Are Vegetation x, Soil x, or Hydrology	signif	icantly disturbe	ed?	Are "Normal Circums	stances" pre	esent? Ye	s <u>x</u>	No
Are Vegetation, Soil, or Hydrology	natura	ally problemati	ic?	(If needed, explain a	ny answers	in Remark	ks.)	
SUMMARY OF FINDINGS – Attach site map sl	nowing sa	mpling poin	t location	s, transects, impo	ortant fea	tures, etc	c.	
Hydrophytic Vegetation Present? Yes	No x	_ lo th	a Camplad	Aroo				
Hydric Soil Present? Yes	No x		e Sampled in a Wetlan	V۵	s	No	X	
Wetland Hydrology Present? Yes	No x	_						
Remarks: Paired sample point for feature #23. VEGETATION – Use scientific names of plants								
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test				
1.	70 0010.		<u> </u>	Number of Domina That Are OBL, FA			1	(A)
2.				Total Number of D	•			``
3				Species Across A	ll Strata:		3	(B)
4				Percent of Domina That Are OBL, FA			33.3%	(A/B)
		= Total Cove	r	That Ale Obl., FA	CVV, OI FAC	<i>.</i>	33.3 /6	(^(D)
Sapling/Shrub Stratum (Plot size:)	_							
1. Isocoma menziesii	5	Y	FAC	Prevalence Index			timber here	
2.				Total % Cove	0 O	x 1 =	tiply by: 0	
3. 4.				FACW species	0	x 2 =	0	_
5.				FAC species	10	x 3 =	30	
·		= Total Cove	r	FACU species	20	x 4 =	80	_
Herb Stratum (Plot size:				UPL species	20	x 5 =	100	_
1. Glebionis coronaria	20	Υ	UPL	Column Totals:	50	(A)	210	(B)
2. Bromus hordeaceus	15	Y	FACU	Provalence	e Index = B/	/Λ – / 2		
3. Lysimachia arvensis	5	N	FAC	Fievalence	e muex = b/	A = 4.2		_
4. Bromus diandrus	5	N	FACU	Hydrophytic Veg	etation Ind	icators:		
5				Dominance	Test is >50	1%		
6				Prevalence	Index is ≤3	.01		
7				Morphologic				
8					Remarks or			,
Woody Vine Stratum (Plot size:)	45	= Total Cov	er	Problematic	Hydrophyt	ic Vegetati	ion¹ (Exp	lain)
				1 ndiantara of hyd	اینم ممنا مصط	watland b	drologi.	munt
1 2.				¹ Indicators of hyd be present, unles				must
Z	50	= Total Cove	r	I leading in least in				
		= Total Cove	1	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum % Co	over of Biotic	Crust		Present?	Yes		Nox	
Remarks: The sample area does not support a predom	ninance of hy	ydrophytic veg	etation.					

SOIL Sampling Point: 23-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	. Natrix	•	Re	dox Featu	res				•		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textur	e	Re	emarks	
0-11	10YR 4/2	100					sandy clay	/			
	· ·						<u> </u>	 -			
-	·										
	·						-				
¹ Type: C=Co	oncentration, D=Depletion	n. RM=Reduced	Matrix. CS=Covere	d or Coated	Sand Grains	s. ² l	Location: PL=	Pore Linina. F	RC=Root Cha	nnel. M=Ma	atrix.
Hydric Soi	I Indicators: (Applic	able to all LRI	Rs, unless other	wise note	d.)		Indicato	rs for Prob	lematic Hy	dric Soils	3.
Histoso				Redox (S5)	•		1 cn	n Muck (A9)	(LRR C)		
	Epipedon (A2)			l Matrix (Se	6)			n Muck (A10			
	Histic (A3)			Mucky Mine				uced Vertic			
—— Hydrog	en Sulfide (A4)		Loamy (Gleyed Ma	trix (F2)		Red	Parent Mat	erial (TF2)		
Stratifie	ed Layers (A5) (LRR (C)	Deplete	d Matrix (F	3)		Othe	er (Explain i	n Remarks)		
1 cm M	luck (A9) (LRR D)		Redox [Dark Surfac	e (F6)						
Deplete	ed Below Dark Surfac	e (A11)	Deplete	d Dark Sur	face (F7)						
	Dark Surface (A12)			Depression	s (F8)				ohytic vegeta		
	Mucky Mineral (S1)		Vernal F	Pools (F9)					gy must be p		
Sandy	Gleyed Matrix (S4)						unles	ss disturbed	or problem	atic.	
Restrictive	Layer (if present):										
Type: sh	novel refusal		_								
Depth (inc	ches): 11		_				Hydric Soil	Present?	Yes	No	<u> </u>
Remarks: N	No hydric soil indicato	re observed									
rtomanto. 1	to riyano oon malaato										
HYDROLO	GY										
Wetland H	ydrology Indicators	•					\$	Secondary	Indicators (2 or more	e required)
Primary Inc	dicators (minimum of d	one required; c	heck all that appl	y)				Water M	arks (B1) (R	liverine)	
Surface	e Water (A1)		Salt Crus	t (B11)			_	Sedimer	nt Deposits (B2) (Rive	rine)
High W	/ater Table (A2)		Biotic Cru	ust (B12)				Drift Dep	osits (B3) (I	Riverine)	
Satura	tion (A3)		Aquatic I	nvertebrate	es (B13)		_	 Drainage	e Patterns (E	310)	
Water I	Marks (B1) (Nonriver	rine)	— Hydroger	n Sulfide O	dor (C1)		_	Dry-Sea	son Water T	able (C2)	
Sedime	ent Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	res along	Living Roo	ots (C3)		ck Surface (
	eposits (B3) (Nonrive			of Reduce	_	_	` ′ _		Burrows (C		
	e Soil Cracks (B6)	,		on Reducti			6)		on Visible or		agery (C9)
	tion Visible on Aerial	Imagery (B7)		k Surface		,	, <u> </u>		Aquitard (D:		5 , (,
	Stained Leaves (B9)	3, , ,		oplain in Re			_		utral Test (D		
	. ,			<u> </u>			_				
Field Obse		/aa Nie	Danth (inc	h \.							
		′es No				_					
Water Table			Depth (inc			— L			•		
Saturation F		es No	Depth (inc	hes):		Wetla	and Hydrolo	gy Present	? Yes_	No	<u> </u>
•	pillary fringe) corded Data (stream g	nauge monitor	ing well serial of	notos previ	inus inena	ctions) if	available.				
Pescupe KE	oorded Data (Stredtti (yauy o , monilon	ing weil, aenai pi	iolos, piev	ious ilispei	ouonaj, il c	avaliabit.				
Remarks: No	o wetland hydrology ii	ndicators obse	rved.								
	,										

Project/Site: Southwest Village Specifi	c Plan Project		City/Coun	ty: San Dieg	<u> </u>	S	ampling Dat	e: <u>6/27/2</u>	23
Applicant/Owner: Tri Point Homes					State:	CA Sa	ampling Poi	nt: <u>25-U</u> F	PL
nvestigator(s): Andrew Smisek			Section,	Township, F	Range: Section 31,	T18S R01	IW		
andform (hillslope, terrace, etc.): mes	a		Local rel	ief (concave	, convex, none): <u>no</u>	ne	S	lope (%):	0
Subregion (LRR): C		Lat:	32.55889		Long: -117.0187	2	Da	tum: NAD	083
oil Map Unit Name: Huerhuero loam	, 2-9% slopes				NWI clas	sification:	none		
are climatic / hydrologic conditions on t	the site typical f	for this time o	f year? Yes	<u>x</u> N	o(If no, ex	plain in Re	emarks.)		
re Vegetation, Soil,	or Hydrology	signif	icantly disturb	ed?	Are "Normal Circum	nstances"	present? Y	es x	No
re Vegetation, Soil,	or Hydrology	natur	ally problemat	tic?	(If needed, explain	any answe	ers in Rema	rks.)	
SUMMARY OF FINDINGS – Atta	ch eita man e	showing sa	mpling poi	nt location	e transacte imr	oortant fo	asturos o	to	
DOWNWART OF FINDINGS - Attac	cii site iliap s	silowing sa	inping pon	it iocation	is, transects, mit	Jortant 16	eatures, e	ic.	
Hydrophytic Vegetation Present?	Yes	No x	le th	na Samplad	Aroa				
Hydric Soil Present?	Yes	No x		ne Sampled nin a Wetlan	Y	es	No	X	
Wetland Hydrology Present?	Yes	No x	_	a vvolidi.					
Remarks: Paired sample point for fea	ature #25.								
EGETATION – Use scientific na	ames of plan	ts.							
		Absolute	Dominant	Indicator	Dominance Tes	t workshe	eet:		
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Domi				
1					That Are OBL, F	ACW, or F	AC:	0	(A)
2					Total Number of				
3					Species Across A			2	(B)
4.					Percent of Domir That Are OBL, F			0	(A/E
			= Total Cove	er		,			(
Sapling/Shrub Stratum (Plot size:)							
1					Prevalence Inde			بريط ريا منظار	
2					OBL species	er or:		Itiply by:	_
3					FACW species		x 2 =		_
4 5.					FAC species	2	x 3 =	6	
J			= Total Cove	\r	FACU species	22	x 4 =	88	
Herb Stratum (Plot size:)		= Total Cove	žI	UPL species	45	x 5 =	225	_
Mesambryanthemum nodiflorum		2	N	FACU	Column Totals:	69	(A)	319	(B)
Glebionis coronaria			N	UPL	-		_ ` ` _		(-/
3. Bromus hordeaceus		20	Y	FACU	Prevalen	ce Index =	B/A = 4.6		
4. Bromus rubens		40	Y	UPL	Hydrophytic Ve	getation I	ndicators:		
5. Lysimachia arvensis		2	N	FAC	Dominance	_			
6.					Prevalence				
7.					· 		ations ¹ (Pro	vide supi	oortina
8.				-			or on a sepa		
		69	= Total Cov	ver	Problemati	ic Hydroph	nytic Vegeta	ıtion¹ (Exi	olain)
Woody Vine Stratum (Plot size:)				,	.,	(
1.					¹ Indicators of hy	dric soil a	nd wetland	hydrology	/ must
2.		_			be present, unle	ess disturb	ed or proble	ematic.	
		69	= Total Cove	er	Hydrophytic				
					Vegetation				
% Bare Ground in Herb Stratum	% C	Cover of Biotic	Crust		Present?	Yes		No x	
Remarks: The sample area does not s	support a predo	mince of hyd	rophytic veget	ation.	1				

SOIL Sampling Point:

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	. Natrix	•	Re	dox Featu	res				•		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textur	re	Rem	narks	
0-18	10YR 4.3	100					sandy cla	١V			
								<u> </u>			
-											
							_				
•											
-											
-	·										
¹ Type: C=Co	ncentration, D=Depletion	n, RM=Reduced	Matrix, CS=Covered	d or Coated	Sand Grains	s. ² l	Location: PL=	Pore Lining, F	RC=Root Chann	el, M=Matrix	
Hydric Soi	I Indicators: (Applic	able to all LRI	Rs, unless other	wise note	d.)		Indicate	ors for Prob	lematic Hydr	ric Soils ³ :	
Histoso	ol (A1)		Sandy F	Redox (S5))		1 cr	m Muck (A9)	(LRR C)		
Histic E	pipedon (A2)		Stripped	Matrix (S	6)		2 cr	m Muck (A10) (LRR B)		
Black H	Histic (A3)		Loamy I	Mucky Min	eral (F1)		Rec	duced Vertic	(F18)		
Hydrog	en Sulfide (A4)		Loamy (Gleyed Ma	trix (F2)		Rec	d Parent Mat	erial (TF2)		
	ed Layers (A5) (LRR (C)		d Matrix (F	,		Oth	er (Explain i	n Remarks)		
	luck (A9) (LRR D)			Dark Surfac	` '						
	ed Below Dark Surfac	e (A11)		d Dark Sur			2				
	Dark Surface (A12)			Depression	ıs (F8)				ohytic vegetati		
	Mucky Mineral (S1)		vernai F	Pools (F9)				-	gy must be pre		
Sandy	Gleyed Matrix (S4)						unie	ss disturbed	or problemat	ic.	
Restrictive	Layer (if present):										
Type:			_								
Depth (inc	ches):		_				Hydric Soil	Present?	Yes	No	Х
Remarks: N	No hydric soil indicato	rs observed.									
	•										
HYDROLO											
	ydrology Indicators						3	-	Indicators (2		equired)
Primary Inc	dicators (minimum of o	one required; c		,,				Water M	arks (B1) (Riv	erine)	
	e Water (A1)		Salt Crus				_		nt Deposits (B		e)
High W	/ater Table (A2)		Biotic Cru	` '			_		osits (B3) (Ri		
	tion (A3)			nvertebrate	` ,		_	Drainage	e Patterns (B1	0)	
Water	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)		_	Dry-Sea	son Water Tal	ble (C2)	
Sedime	ent Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	Thin Mu	ck Surface (C	7)	
Drift De	eposits (B3) (Nonrive	rine)	Presence	of Reduc	ed Iron (C4	1)	_	Crayfish	Burrows (C8)		
Surface	e Soil Cracks (B6)		Recent Ir	on Reduct	ion in Tille	d Soils (Ce	6) _	Saturation	on Visible on A	Aerial Imag	ery (C9)
Inunda	tion Visible on Aerial	magery (B7)	Thin Muc	k Surface	(C7)		_	Shallow	Aquitard (D3)		
Water-	Stained Leaves (B9)		Other (Ex	kplain in Re	emarks)		_	FAC-Ne	utral Test (D5))	
Field Obse	rvations:										
		es No	Depth (inc	hes):							
Water Table			Depth (inc			_					
Saturation F			Depth (inc				and Hydrold	ogy Present	? Yes	No	x
	pillary fringe)					_ '''					
Describe Red	corded Data (stream of	gauge, monitor	ing well, aerial ph	notos, prev	ious inspe	ctions), if a	available:	-	·		
			-								
Remarks: N	o wetland hydrology ii	ndicators obse	rved.								

Project/Site: Southwest Village Specific P	'lan Project		City/Count	ty: San Dieg	0	Sar	mpling Date	e: <u>6/27/</u>	23
Applicant/Owner: Tri Point Homes					State:	CA Sar	mpling Poin	nt: <u>26-U</u> I	PL
Investigator(s): Andrew Smisek			Section,	Township, R	tange: Section 31,	T18S R01V	V		
Landform (hillslope, terrace, etc.): mesa			Local reli	ef (concave	convex, none): <u>no</u>	ne	Slo	ope (%):	0
Subregion (LRR): C		Lat:	32.55879		Long: <u>-117.0186</u>	4	Date	um: <u>NA</u> E	283
Soil Map Unit Name: Huerhuero loam, 2-	-9% slopes				NWI clas	sification: r	none		
Are climatic / hydrologic conditions on the	site typical f	or this time o	f year? Yes	x No	o(If no, exp	olain in Ren	narks.)		
Are Vegetationx,Soilx,or	Hydrology	signif	icantly disturbe	ed?	Are "Normal Circum	stances" p	resent? Ye	s x	No
Are Vegetation, Soil, or	Hydrology	natur	ally problemati	ic?	(If needed, explain a	any answer	s in Remar	ks.)	
SUMMARY OF FINDINGS – Attach	site map s	showing sa	mpling poin	t location	s, transects, imp	ortant fea	atures, et	c.	
Hydrophytic Vegetation Present?	Yes	No x							
Hydric Soil Present?	Yes	No x		e Sampled	Y	es	No	Х	
Wetland Hydrology Present?	Yes	No x	— with	in a Wetlan	d?				
Remarks: Paired sample point for featur									
VEGETATION – Use scientific nam	•	ts. Absolute	Dominant	Indicator	Dominance Tes	t workshee	et:		
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Domir That Are OBL, FA			0	(A)
2					Total Number of Species Across A			2	(B)
4.					Percent of Domir That Are OBL, FA			0	(A/B)
Sapling/Shrub Stratum (Plot size:	,	·	= Total Cove	r					
1		,			Prevalence Inde	x workshe	et:		
2.		- ·			Total % Cove			tiply by:	
3.					OBL species	0	x 1 =	0	_
4.					FACW species	0	x 2 =	0	
5.					FAC species	0	x 3 =	0	
			= Total Cove	r	FACU species	35	x 4 =	140	_
Herb Stratum (Plot size:)				UPL species	10	x 5 =	50	
1. Mesembryanthemum nodiflorum		25	Y	FACU	Column Totals:	45	(A)	190	(B)
2. Glebionis coronaria		10	Y	UPL	Prevalenc	ce Index = E	B/A = 4.2		
3. Bromus hordeaceus		5	N	FACU	1 Tovalori	JO IIIGOX — E	,,, (<u> </u>		
4. Erodium cicutarium		5	N	FACU	Hydrophytic Ve	getation In	dicators:		
5					Dominance	e Test is >5	0%		
6					Prevalence	e Index is ≤	3.0 ¹		
7 8.					Morpholog data in	ical Adapta Remarks or			
Woody Vine Stratum (Plot size:		45	= Total Cov	er	Problemati	c Hydrophy	rtic Vegetat	ion¹ (Ex	plain)
·		,			¹ Indicators of hy	dric soil an	d watland h	vdrolog	v muet
1. 2.					be present, unle				y must
Z		45	= Total Cove	r	Hydrophytic				
% Bare Ground in Herb Stratum	% C	Cover of Biotic	Crust		Vegetation Present?	Yes_	1	No_x	
Remarks: The sample area does not sup	port a predo	mince of hyd	rophytic vegeta	ation					
•	•	•	•						

SOIL Sampling Point: 26-UPL

Redox Features

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth

Matrix

(inches)	Color (moist)	<u></u> %	Color (moist)	%	Type ¹	Loc ²	Textu	re	Remarks	
0-5	10YR 4/3	100					sandy loa	am		
	_									
	-						-			
	_									
	-									
	- -						-			
	_ ,									
¹ Type: C=C	oncentration, D=Depletion	n PM-Peduce	ad Matrix CS-Covered	or Coated	Sand Grain	2	Location: PL-	-Pore Lining PC	C=Root Channel, M=Ma	atriv
	oil Indicators: (Applic		· · · · · · · · · · · · · · · · · · ·			3.			ematic Hydric Soils	
-		able to all L			-					, .
	ol (A1) Epipedon (A2)			edox (S5) Matrix (S				m Muck (A9) (m Muck (A10)	•	
	Histic (A3)			Natrix (3)				duced Vertic (I		
	gen Sulfide (A4)			Bleyed Ma	, ,			d Parent Mate		
	ed Layers (A5) (LRR	C)		d Matrix (F				ner (Explain in	` '	
	Muck (A9) (LRR D)	O)		ark Surfa				ioi (Explaiii iii	rtomanoj	
	ted Below Dark Surface	ce (A11)		d Dark Su	` '					
	Dark Surface (A12)	oo (, ,		epression	. ,		3Indicat	ors of hydroph	ytic vegetation and	
	Mucky Mineral (S1)			ools (F9)	- (-/				must be present,	
	Gleyed Matrix (S4)			(,					or problematic.	
									<u> </u>	
	Layer (if present):									
	hovel refusal									
Depth (in	iches): <u>5</u>						Hydric Soi	I Present?	Yes No	о <u>х</u>
HYDROLC	OGY									
Wetland F	Hydrology Indicators	S:						Secondary In	dicators (2 or mor	e required)
Primary In	dicators (minimum of	one required	; check all that apply	/)				Water Ma	rks (B1) (Riverine)	
Surfac	ce Water (A1)		Salt Crus	t (B11)			_	Sediment	Deposits (B2) (Rive	erine)
High V	Vater Table (A2)		Biotic Cru	st (B12)			_	Drift Depo	sits (B3) (Riverine)	
Satura	ation (A3)		Aquatic Ir	vertebrate	es (B13)		_	Drainage	Patterns (B10)	
Water	Marks (B1) (Nonrive	rine)	Hydroger				-	Dry-Seaso	on Water Table (C2)	
Sedim	nent Deposits (B2) (Ne	onriverine)			eres along	Living Ro	ots (C3)	Thin Muck	Surface (C7)	
	eposits (B3) (Nonrive	•			ed Iron (C	_	· ′ -		Burrows (C8)	
	ce Soil Cracks (B6)	•	Recent Ir	on Reduct	ion in Tille	d Soils (C	6)		Visible on Aerial Im	nagery (C9)
	ation Visible on Aerial	Imagery (B7				, -	-		quitard (D3)	/
	-Stained Leaves (B9)	• • •	Other (Ex				-		ral Test (D5)	
				•			-	 -	. ,	
Field Obse		V	NI= D==0-E							
			No Depth (incl							
Water Tabl		Yes	· · · · · · · · · · · · · · · · · · ·			<u> </u>		_		
Saturation (includes ca	Present? apillary fringe)	Yes	No Depth (incl	nes):		Wetla	and Hydrol	ogy Present?	YesNo) <u>X</u>
Describe Re	ecorded Data (stream	gauge, moni	toring well, aerial ph	otos, prev	ious inspe	ctions), if	available:			
Damada A	la continual la colonia	in all a at a second								
kemarks: N	No wetland hydrology	indicators ob	servea.							

Project/Site: Southwest Village Specific Plan Project		City/Count	y: San Dieg	0	_Sampling Date: 4	4/27/23
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point: 2	27-UPL
Investigator(s): Andrew Smisek		Section,	Township, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local reli	ef (concave	convex, none): none	Slope	(%): <u>0</u>
Subregion (LRR): C	Lat: 3	32.55885		Long: -117.01876	Datum:	NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classificati	on: none	
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	o(If no, explain ir	n Remarks.)	
Are Vegetation X, Soil X, or Hydrology	signifi	cantly disturbe	ed?	Are "Normal Circumstance	es" present? Yes	X No
Are Vegetation, Soil, or Hydrology	natura	ally problemati	c?	(If needed, explain any an	swers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sl	nowing sa	mpling poin	t location	s, transects, importar	nt features, etc.	
Hydrophytic Vegetation Present? Yes	No X					
Hydric Soil Present? Yes	No X		e Sampled in a Wetlan	YAS	No X	
Wetland Hydrology Present? Yes	No X	WILII	iii a vveiiaii	ur —		
Remarks: Upland sample point paired to feature #27 v VEGETATION – Use scientific names of plants						
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work		
1. none	% Cover	Species!	Status	Number of Dominant S That Are OBL, FACW,		0 (A)
2.				Total Number of Domin		<u> </u>
3.				Species Across All Stra	nto:	0 (B)
4		= Total Cove	r	Percent of Dominant St That Are OBL, FACW,	or FAC:	0 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index wor		, by
2				Total % Cover of: OBL species	Multiply	
3. 4.				FACW species	x 1 = x 2 =	
				FAC species	x 3 =	
o		= Total Cove		FACU species	x 4 =	
Herb Stratum (Plot size:				UPL species	x 5 =	
1. Spergularia bocconi	<1	N	FACW	Column Totals:	(A)	(B)
2. Mesembryanthemum nodiflorum	<1	N	FACU	Prevalence Inde	ex = B/A =	
3. Bromus rubens	<1	N	UPL	1 Tevalence mac	,,,	-
4				Hydrophytic Vegetation	on Indicators:	
5				Dominance Test	is >50%	
6				Prevalence Index	(is ≤3.0¹	
7. 8.					daptations¹ (Providerks or on a separate	11 0
Woody Vine Stratum (Plot size:)	<1	= Total Cove	er	Problematic Hydi	rophytic Vegetation	¹ (Explain)
1. none				¹ Indicators of hydric so be present, unless dis		
2		= Total Cove	<u> </u>			
% Bare Ground in Herb Stratum99+ % Co	over of Biotic			Hydrophytic Vegetation Present? Y	esNo_	X
Remarks: Vegetation is less than 1 percent cover.						

SOIL Sampling Point: 27-UPL

Depth	Matrix		K F	dox Featu	res					
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	_ Textu	е	Remark	KS
0-3	10YR 3/2	100	, , , , , , , , , , , , , , , , , , , ,				sandy cla	<u> </u>		
3-12	10YR 3/2	100					- 	<u> </u>		
3-12	101K 3/2						clay			
							-			
										
¹ Type: C=Con	ncentration, D=Depletion	on. RM=Reduced I	Matrix. CS=Covere	d or Coated	Sand Grain		Location: PL=	Pore Lining, RC=	Root Channel.	M=Matrix.
	Indicators: (Appli							ors for Probler		
Histosol				Redox (S5)	-			n Muck (A9) (L	=	
	pipedon (A2)			Matrix (S				n Muck (A10) (I		
	istic (A3)			Mucky Min				luced Vertic (F		
	en Sulfide (A4)			Gleyed Ma				l Parent Materia		
	d Lavers (A5) (LRR	C)		d Matrix (F				er (Explain in R	` ,	
	uck (A9) (LRR D)	-,		Dark Surfac	,				,	
	d Below Dark Surfa	ce (A11)		d Dark Sur	` ,					
	ark Surface (A12)	,		Depression	, ,		3Indicate	ors of hydrophy	tic vegetation	and
	Mucky Mineral (S1)			Pools (F9)			wetla	and hydrology r	must be prese	ent,
Sandy G	Gleyed Matrix (S4)							ss disturbed or		
Restrictive L	Layer (if present):									
	ovel refusal									
Depth (inch			-				Hydric Soil	Drocont?	Yes	No X
Doptii (iiioi	1100). 12		-				r iyana can	1 TOSCITE:		110 <u>X</u>
Remarks: No	o hydric soil indicate	ors observed.								
1										
HYDROLOG	3Y									
		2.						Secondary Ind	licators (2 or	more required
Wetland Hy	drology Indicators		nock all that appl	w)			:	•		more required
Wetland Hy Primary Indi	drology Indicators							Water Mark	s (B1) (River	ine)
Wetland Hy Primary Indi Surface	rdrology Indicators icators (minimum of Water (A1)		Salt Crus	t (B11)			; 	Water Mark Sediment D	s (B1) (River Deposits (B2) (ine) (Riverine)
Wetland Hy Primary Indi Surface High Wa	rdrology Indicators icators (minimum of Water (A1) ater Table (A2)		Salt Crus Biotic Cru	t (B11) ust (B12)			- - -	Water Mark Sediment D Drift Deposi	es (B1) (River Deposits (B2) (Deposits (B3) (Rive)	ine) (Riverine)
Wetland Hy Primary Indi Surface High Wa Saturation	rdrology Indicators icators (minimum of Water (A1) ater Table (A2) ion (A3)	one required; cl	Salt Crus Biotic Cru Aquatic I	it (B11) ust (B12) nvertebrate	. ,		- - - - -	Water Mark Sediment D Drift Deposi Drainage Pa	es (B1) (River Deposits (B2) (Deposits (B3) (River Deposits (B10)	ine) (Riverine) rine)
Wetland Hy Primary Indi Surface High Wa Saturation	rdrology Indicators icators (minimum of Water (A1) ater Table (A2)	one required; cl	Salt Crus Biotic Cru Aquatic I	t (B11) ust (B12)	. ,			Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor	es (B1) (River Deposits (B2) (its (B3) (River atterns (B10) In Water Table	ine) (Riverine) rine)
Wetland Hy Primary Indi Surface High Wa Saturati Water M	rdrology Indicators icators (minimum of Water (A1) ater Table (A2) ion (A3)	one required; cl	Salt Crus Biotic Cru Aquatic I Hydroger	it (B11) ust (B12) nvertebrate	dor (C1)	Living Ro	 - - -	Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor	es (B1) (River Deposits (B2) (Deposits (B3) (River Deposits (B10)	ine) (Riverine) rine)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimer	rdrology Indicators icators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive	one required; cl erine) onriverine)	Salt Crus Biotic Cru Aquatic I Hydroger Oxidized	t (B11) ust (B12) nvertebrate n Sulfide O	dor (C1) eres along	-	 - - -	Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor	cs (B1) (River) deposits (B2) (dits (B3) (River) atterns (B10) atterns (B10) by Water Table Surface (C7)	ine) (Riverine) rine)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimen Drift Dep	rdrology Indicators icators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (N	one required; cl erine) onriverine)	Salt Crus Biotic Cru Aquatic I Hydroger Oxidized Presence	it (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe	dor (C1) eres along ed Iron (C4	4)	- - ots (C3)	Water Mark Sediment D Drift Deposi Drainage Po Dry-Seasor Thin Muck S Crayfish Bu	cs (B1) (River) deposits (B2) (dits (B3) (River) atterns (B10) a Water Table Surface (C7) arrows (C8)	ine) (Riverine) rine)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimen Drift Det	rdrology Indicators icators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (Noprive posits (B3) (Nonrive	erine) onriverine) erine)	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir	t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduc	dor (C1) eres along ed Iron (C4 ion in Tille	4)	- - ots (C3)	Water Mark Sediment D Drift Deposi Drainage Po Dry-Seasor Thin Muck S Crayfish Bu	cs (B1) (River) deposits (B2) (dits (B3) (River) atterns (B10) a Water Table Surface (C7) arrows (C8) Visible on Aer	ine) (Riverine) rine) (C2)
Primary Indi Surface High Wa Saturation Water M Sedimen Drift Dep Surface Inundati	rdrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (Noposits (B3) (Nonrive Soil Cracks (B6)	erine) onriverine) erine) I Imagery (B7)	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir	t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduct on Reduct	eres along ed Iron (C4 ion in Tille (C7)	4)	- - ots (C3)	Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu Saturation N	s (B1) (River) deposits (B2) (deposits (B3) (River) atterns (B10) a Water Table Surface (C7) arrows (C8) disible on Aer uitard (D3)	ine) (Riverine) rine) (C2)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimen Drift Dep Surface Inundati Water-S	rdrology Indicators icators (minimum of water (A1) ater Table (A2) fon (A3) Marks (B1) (Nonrive int Deposits (B2) (Nonrive Soil Cracks (B6) ion Visible on Aeria Stained Leaves (B9)	erine) onriverine) erine) I Imagery (B7)	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir	t (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct on Reduct	eres along ed Iron (C4 ion in Tille (C7)	4)	- - ots (C3)	Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu Saturation \ Shallow Aq	s (B1) (River) deposits (B2) (deposits (B3) (River) atterns (B10) a Water Table Surface (C7) arrows (C8) disible on Aer uitard (D3)	ine) (Riverine) rine) (C2)
Wetland Hy Primary India Surface High Wa Saturatia Water M Sedimen Drift Dep Surface Inundatia Water-S	vdrology Indicators icators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (N posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aeria Stained Leaves (B9) vations:	erine) onriverine) erine) l Imagery (B7)	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	at (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduct on Reduct k Surface cplain in Re	eres along ed Iron (C4 ion in Tille (C7)	4)	- - ots (C3)	Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu Saturation \ Shallow Aq	s (B1) (River) deposits (B2) (deposits (B3) (River) atterns (B10) a Water Table Surface (C7) arrows (C8) disible on Aer uitard (D3)	ine) (Riverine) rine) (C2)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimer Drift Der Surface Inundati Water-S Field Observ Surface Water	rdrology Indicators icators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (N posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aeria Stained Leaves (B9) vations: er Present?	erine) onriverine) erine) I Imagery (B7) Yes No	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduc- con Reduct k Surface cplain in Re hes):	eres along ed Iron (C4 ion in Tille (C7)	4)	- - ots (C3)	Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu Saturation \ Shallow Aq	s (B1) (River) deposits (B2) (deposits (B3) (River) atterns (B10) a Water Table Surface (C7) arrows (C8) disible on Aer uitard (D3)	ine) (Riverine) rine) (C2)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimer Drift Der Surface Inundati Water-S Field Observ Surface Water Table	rdrology Indicators icators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (Nonrive Soil Cracks (B6) ion Visible on Aeria Stained Leaves (B9) vations: er Present?	erine) onriverine) erine) I Imagery (B7) Yes No	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (E) Depth (inc	t (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct on Reduct ck Surface cplain in Re hes): hes):	eres along ed Iron (C4 ion in Tille (C7)	4) d Soils (C	ots (C3)	Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu Saturation \ Shallow Aq FAC-Neutra	es (B1) (River) deposits (B2) (deposits (B3) (River) atterns (B10) deposits (B10	ine) (Riverine) rine) (C2) ial Imagery (C9)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimed Drift Dep Surface Inundati Water-S Field Observ Surface Water Surface Water Table Saturation Pr	rdrology Indicators icators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (Ni posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aeria Stained Leaves (B9) vations: er Present? Present?	erine) onriverine) erine) I Imagery (B7) Yes No	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct on Reduct ck Surface cplain in Re hes): hes):	eres along ed Iron (C4 ion in Tille (C7)	4) d Soils (C	ots (C3)	Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu Saturation \ Shallow Aq	s (B1) (River) deposits (B2) (deposits (B3) (River) atterns (B10) a Water Table Surface (C7) arrows (C8) disible on Aer uitard (D3)	ine) (Riverine) rine) (C2)
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Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimer Drift Der Surface Inundati Water-S Field Observ Surface Water Surface Water Table Saturation Pr (includes cap	rdrology Indicators icators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (Ni posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aeria Stained Leaves (B9) vations: er Present? Present?	erine) onriverine) erine) I Imagery (B7) Yes No Yes No	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex) Depth (inc	t (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct on Reduct ck Surface cplain in Re hes): hes):	dor (C1) eres along ed Iron (C4) ion in Tille (C7) emarks)	4) d Soils (C	ots (C3) - 6) - and Hydrok	Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu Saturation \ Shallow Aq FAC-Neutra	es (B1) (River) deposits (B2) (deposits (B3) (River) atterns (B10) deposits (B10	ine) (Riverine) rine) (C2) ial Imagery (C9)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimer Drift Der Surface Inundati Water-S Field Observ Surface Water Surface Water Table Saturation Pr (includes cap	rdrology Indicators icators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (N posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aeria Stained Leaves (B9) vations: er Present? Present? resent?	erine) onriverine) erine) I Imagery (B7) Yes No Yes No	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex) Depth (inc	t (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct on Reduct ck Surface cplain in Re hes): hes):	dor (C1) eres along ed Iron (C4) ion in Tille (C7) emarks)	4) d Soils (C	ots (C3) - 6) - and Hydrok	Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu Saturation \ Shallow Aq FAC-Neutra	es (B1) (River) deposits (B2) (deposits (B3) (River) atterns (B10) deposits (B10	ine) (Riverine) rine) (C2) ial Imagery (C9)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimer Drift Der Surface Inundati Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap Describe Reco	vidrology Indicators icators (minimum of water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (N posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aeria Stained Leaves (B9) vations: er Present? Present? Present? present? poillary fringe) orded Data (stream	erine) conciverine) erine) l Imagery (B7) Yes No Yes No Yes No gauge, monitori	Salt Crus Biotic Cru Aquatic I Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct on Reduct ck Surface cplain in Re hes): hes):	dor (C1) eres along ed Iron (C4) ion in Tille (C7) emarks)	4) d Soils (C	ots (C3) - 6) - and Hydrok	Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu Saturation \ Shallow Aq FAC-Neutra	es (B1) (River) deposits (B2) (deposits (B3) (River) atterns (B10) deposits (B10	ine) (Riverine) rine) (C2) ial Imagery (C9)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimel Drift Dep Surface Inundati Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap	rdrology Indicators icators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (N posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aeria Stained Leaves (B9) vations: er Present? Present? resent?	erine) conciverine) erine) l Imagery (B7) Yes No Yes No Yes No gauge, monitori	Salt Crus Biotic Cru Aquatic I Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct on Reduct ck Surface cplain in Re hes): hes):	dor (C1) eres along ed Iron (C4) ion in Tille (C7) emarks)	4) d Soils (C	ots (C3) - 6) - and Hydrok	Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu Saturation \ Shallow Aq FAC-Neutra	es (B1) (River) deposits (B2) (deposits (B3) (River) atterns (B10) deposits (B10	ine) (Riverine) rine) (C2) ial Imagery (C9)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimel Drift Dep Surface Inundati Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap	vidrology Indicators icators (minimum of water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (N posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aeria Stained Leaves (B9) vations: er Present? Present? Present? present? poillary fringe) orded Data (stream	erine) conciverine) erine) l Imagery (B7) Yes No Yes No Yes No gauge, monitori	Salt Crus Biotic Cru Aquatic I Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct on Reduct ck Surface cplain in Re hes): hes):	dor (C1) eres along ed Iron (C4) ion in Tille (C7) emarks)	4) d Soils (C	ots (C3) - 6) - and Hydrok	Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu Saturation \ Shallow Aq FAC-Neutra	es (B1) (River) deposits (B2) (deposits (B3) (River) atterns (B10) deposits (B10	ine) (Riverine) rine) (C2) ial Imagery (C9)
Wetland Hy Primary Indi Surface High Wa Saturati Water M Sedimel Drift Dep Surface Inundati Water-S Field Observ Surface Water Water Table Saturation Pr (includes cap	vidrology Indicators icators (minimum of water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (N posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aeria Stained Leaves (B9) vations: er Present? Present? Present? present? poillary fringe) orded Data (stream	erine) conciverine) erine) l Imagery (B7) Yes No Yes No Yes No gauge, monitori	Salt Crus Biotic Cru Aquatic I Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct on Reduct ck Surface cplain in Re hes): hes):	dor (C1) eres along ed Iron (C4) ion in Tille (C7) emarks)	4) d Soils (C	ots (C3) - 6) - and Hydrok	Water Mark Sediment D Drift Deposi Drainage Pa Dry-Seasor Thin Muck S Crayfish Bu Saturation \ Shallow Aq FAC-Neutra	es (B1) (River) deposits (B2) (deposits (B3) (River) atterns (B10) deposits (B10	ine) (Riverine) rine) (C2) ial Imagery (C9)

Project/Site: Southwest Village Specific Plan Project		City/County: San Dieg	go Sampling Date: 4/27/23
Applicant/Owner: Tri Point Homes			State: CA Sampling Point: 28-UPL
Investigator(s): Andrew Smisek		Section, Township, F	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa		Local relief (concave	, convex, none): none Slope (%): 0
Subregion (LRR): C	Lat:	32.55877	Long: -117.01873 Datum: NAD83
Soil Map Unit Name: <u>Huerhuero loam, 2-9% slopes</u>			NWI classification: none
Are climatic / hydrologic conditions on the site typical	for this time o	f year? Yes <u>x</u> No	o(If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology	signif	icantly disturbed?	Are "Normal Circumstances" present? Yesx_ No
Are Vegetation, Soil, or Hydrology	natur	ally problematic?	(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map	showing sa	mpling point location	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes	No X		
Hydric Soil Present? Yes	No x	Is the Sampled within a Wetlan	Yes No y
Wetland Hydrology Present? Yes	No x		u:
VEGETATION – Use scientific names of plan		Deminant Indicates	Dominance Test worksheet:
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Indicator Species? Status	Number of Dominant Species
1.			That Are OBL, FACW, or FAC: (A)
2. 3.			Total Number of Dominant Species Across All Strata: (B)
4		= Total Cover	Percent of Dominant Species That Are OBL, FACW, or FAC: (A/B)
Sapling/Shrub Stratum (Plot size:)		Providence Index weather est.
1. 2.			Prevalence Index worksheet: Total % Cover of: Multiply by:
3.			OBL species x 1 =
			FACW species x 2 =
5.			FAC species x 3 =
		= Total Cover	FACU species x 4 =
Herb Stratum (Plot size:			UPL species x 5 =
1			Column Totals: (A)(B)
2. 3.			Prevalence Index = B/A =
4.			Hydrophytic Vegetation Indicators:
5.			Dominance Test is >50%
6.			Prevalence Index is ≤3.0¹
7			Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
Woody Vine Stratum (Plot size:		= Total Cover	Problematic Hydrophytic Vegetation ¹ (Explain)
1.			¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2		Total Cours	
% Bare Ground in Herb Stratum %	Cover of Biotic	= Total Cover	Hydrophytic Vegetation Present? Yes No X
Remarks: this area lacks vegetation cover			
and and and against out			

SOIL Sampling Point: 28-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Featu	res		_			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	
0-4	10YR 4/3	100					sandy loam	 1		_
-				-						
	- -						-			
1T. may C. C.	oncentration, D=Depletion	DM Daduas	d Matrix CC Cayara	d ar Caatad	Cond Crains	. 2	l continu DL D	oro Lining I	RC=Root Channel, M=M	otris.
	il Indicators: (Applic					o.			blematic Hydric Soils	
•	٠	able to all Li	•		•				•	· .
Histos				Redox (S5)				Muck (A9)		
	Epipedon (A2)			d Matrix (S					0) (LRR B)	
	Histic (A3)			Mucky Min				ced Vertic		
	gen Sulfide (A4)	C)		Gleyed Ma d Matrix (F					terial (TF2)	
	ed Layers (A5) (LRR Muck (A9) (LRR D)	C)		o Mairix (F Dark Surfa	,		Othe	i (⊏xpiain i	in Remarks)	
	` , ` ,	oo (A11)		d Dark Suna	` '					
	ed Below Dark Surfa Dark Surface (A12)	Se (ATT)		Depression	` '		3Indicator	e of hydro	phytic vegetation and	
	Mucky Mineral (S1)			Pools (F9)	15 (1 0)				gy must be present,	
	Gleyed Matrix (S4)		venan	10015 (1-9)				-	d or problematic.	
							unics	3 disturbed	a or problematic.	
	Layer (if present):									
	hovel refusal		<u> </u>							
Depth (in	ches): 4						Hydric Soil F	Present?	Yes No	о <u>х</u>
Remarks:	No hydric soil indicate	ors observed.								
	•									
HYDROLC)GY									
Wetland F	lydrology Indicators	s:					S	econdary	Indicators (2 or mor	e required)
Primary In	dicators (minimum of	one required;	check all that app	ly)				Water M	Marks (B1) (Riverine)	
Surfac	e Water (A1)		Salt Crus	st (B11)				– Sedimer	nt Deposits (B2) (Rive	erine)
	Vater Table (A2)			ust (B12)					posits (B3) (Riverine)	,
	ation (A3)			nvertebrate	es (B13)		-		e Patterns (B10)	
	Marks (B1) (Nonrive	rino)		n Sulfide O	` '				ason Water Table (C2)	
						Liuina Do		_		1
	ent Deposits (B2) (Ne			Rhizosphe	•	•	018 (C3)		ick Surface (C7)	
	eposits (B3) (Nonrive	erine)		e of Reduc				_	Burrows (C8)	(00)
	ce Soil Cracks (B6)			ron Reduct		d Soils (C	6) <u> </u>	_	on Visible on Aerial In	nagery (C9)
	ation Visible on Aerial	0, ,		ck Surface			_		Aquitard (D3)	
Water	-Stained Leaves (B9)		Other (E	xplain in Re	emarks)			_FAC-Ne	eutral Test (D5)	
Field Obse	ervations:									
Surface Wa	ater Present?	Yes N	No Depth (inc	ches):						
Water Table			No Depth (inc			_				
Saturation I			No Depth (inc				and Hydrolog	ıv Presen	t? Yes No) X
	apillary fringe)		oDopur (inc			_	and riyarolog	, y 1 100011	. 1001	<u> </u>
•	corded Data (stream	gauge, monito	oring well, aerial pl	hotos, prev	ious inspe	ctions), if	available:			
	•				·	,,				
Remarks: N	lo wetland hydrology	indicators obs	erved.							
									A =: =! \ \ / = = + \ \ / = .	- ' 0 0

Project/Site: Southwest Village Specific Plan Project		City/County	: San Dieg	0	_Sampling Date	e: <u>4/27/23</u>
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Poin	ıt: 31-UPL
Investigator(s): Andrew Smisek		Section, T	ownship, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local relie	f (concave,	convex, none): none	Slo	ope (%): <u>0</u>
Subregion (LRR): C	Lat: 3	32.55862		Long: <u>-117.01892</u>	Dat	um: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classificati	on: none	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes _	X No	(If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	cantly disturbed	d? /	Are "Normal Circumstance	es" present? Ye	s X No
Are Vegetation, Soil, or Hydrology	natura	ally problematic	?	(If needed, explain any an	swers in Remar	ks.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling point	locations	s, transects, importar	nt features, etc	c.
Hydrophytic Vegetation Present? Yes	No X					
Hydric Soil Present? Yes	No X		Sampled :	YAS	No 2	X
Wetland Hydrology Present? Yes	No X	withir	i a wetian	u? —		
Remarks: Upland sample point paired to feature #31 v VEGETATION – Use scientific names of plants						
•	Absolute	Dominant	Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant S	pecies	
1. none				That Are OBL, FACW,	or FAC:	0 (A)
2				Total Number of Domin Species Across All Stra		
3				Percent of Dominant Sp		(B)
4				That Are OBL, FACW,	or FAC:	0 (A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cover				
1. Acmispon glaber	1	N	UPL	Prevalence Index wor	kshoot:	
				Total % Cover of:		tiply by:
2. 3.				OBL species		
A				FACW species		
5.				FAC species		
	1	= Total Cover		FACU species		
Herb Stratum (Plot size:)				UPL species		
1. Glebionis coronaria	22	Υ	UPL	Column Totals:	(A)	(B)
2. Avena sp.	30	Υ	UPL	Prevalence Inde	ex = B/A =	
3. Bromus rubens	3	N	UPL	1 Tovalorioo iride		
4. Mesembryanthemum nodiflorum	10	N	FACU	Hydrophytic Vegetation	on Indicators:	
5. Spergularia bocconi	10	N	FACW	Dominance Test	is >50%	
6				Prevalence Index	∢ is ≤3.0¹	
7 8.				Morphological Ac	daptations¹ (Prov rks or on a sepa	
8.	75	= Total Cove			·	,
Woody Vine Stratum (Plot size:)		= Total Cove	l	Problematic Hydi	ropnytic vegetat	ion (Explain)
1. none				¹ Indicators of hydric so	oil and wetland h	ovdrology must
2.				be present, unless dis		
		= Total Cover		Lludrophytic		
% Bare Ground in Herb Stratum 25 % Co	over of Biotic			Hydrophytic Vegetation Present? Y	′es N	No X
Remarks:					<u>'</u>	
remains.						

SOIL Sampling Point: 31-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ıres		_				
(inches)	Color (moist)	<u> </u>	Color (moist)	%	Type ¹	Loc ²	Texture		Rer	narks	
0-3	10YR 3/3	100			. -		clay loam	comp	acted		
3-18	10YR 3/3	100					clay				
-	_				· ——						
-	_			-							
				-	· —— -						
-											
1						2					
	oncentration, D=Depleti					S. ²	Location: PL=Po		C=Root Chan lematic Hyd		X.
Histos	il Indicators: (Appli	cable to all LKP		Redox (S5)	-			Muck (A9)		ric Solis".	
	Epipedon (A2)			Matrix (S				Muck (A3)	` ,		
	Histic (A3)			Mucky Min				ced Vertic			
	gen Sulfide (A4)			Sleyed Ma				Parent Mate	. ,		
	ed Layers (A5) (LRF	(C)		d Matrix (F			Other	(Explain in	Remarks)		
	Muck (A9) (LRR D)			Oark Surfa	` '						
	ed Below Dark Surfa	ace (A11)		d Dark Su	, ,						
	Dark Surface (A12)			epression	ns (F8)				hytic vegeta		
	Mucky Mineral (S1)		Vernal F	Pools (F9)					y must be pi		
	Gleyed Matrix (S4)						uniess	alsturbea	or problema	IIC.	
	Layer (if present):										
Type:			_						.,		.,
Depth (in	ches):		-				Hydric Soil P	resent?	Yes	No_	<u>X</u>
Remarks: I	No hydric soil indicat	ors observed.									
HYDROLO	GY										
Wetland F	lydrology Indicator	s:					<u>Se</u>	condary I	ndicators (2	or more r	equired)
Primary Inc	dicators (minimum o	f one required; cl	heck all that appl	y)				_Water Ma	arks (B1) (Ri	verine)	
Surfac	e Water (A1)		Salt Crus	t (B11)				_Sedimen	t Deposits (E	2) (Riverir	ne)
	Vater Table (A2)		Biotic Cru	ıst (B12)				_Drift Dep	osits (B3) (R	iverine)	
	ition (A3)			nvertebrate	` ,				Patterns (B	•	
Water	Marks (B1) (Nonriv	erine)	Hydroger	Sulfide C	dor (C1)			_Dry-Seas	on Water Ta	ble (C2)	
Sedim	ent Deposits (B2) (N	lonriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	_Thin Muc	k Surface (C	: 7)	
	eposits (B3) (Nonri v	verine)	Presence	of Reduc	ed Iron (C4	!)		_Crayfish	Burrows (C8)	
Surfac	e Soil Cracks (B6)		Recent Ir	on Reduct	ion in Tilled	d Soils (C	6)	_Saturatio	n Visible on	Aerial Imag	gery (C9)
Inunda	ation Visible on Aeria	l Imagery (B7)		k Surface	, ,				Aquitard (D3)		
Water-	-Stained Leaves (B9)	Other (Ex	plain in R	emarks)			_FAC-Neu	itral Test (D5	5)	
Field Obse	ervations:										
Surface Wa	ater Present?	Yes No	Depth (inc	hes):		_					
Water Table	e Present?	Yes No	Depth (inc	hes):		_					
Saturation I		Yes No	Depth (inc	hes):		Wetla	and Hydrolog	y Present	? Yes_	No	X
`	apillary fringe)		Samuella Constitution	-1							
Describe Re	corded Data (stream	n gauge, monitori	ıng weii, aerial ph	iotos, prev	vious inspec	ctions), if	available:				
Remarks: N	lo wetland hydrology	indicators obser	ved.								

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	0	Sampling Date:	4/27/23
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point:	32-UPL
Investigator(s): Andrew Smisek		Section,	Township, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local reli	ief (concave	, convex, none): none	Slop	e (%): 0
Subregion (LRR): C	Lat: 3	32.55858		Long: -117.01890	 Datur	n: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classificat	ion: none	
Are climatic / hydrologic conditions on the site typical for	or this time of	year? Yes	X No	(If no, explain i	n Remarks.)	
Are Vegetation , Soil , or Hydrology	signifi	cantly disturb	ed?	Are "Normal Circumstand	es" present? Yes	X No
Are Vegetation Soil , or Hydrology				(If needed, explain any ar	nswers in Remarks	<u> </u>
SUMMARY OF FINDINGS – Attach site map s				s, transects, importa	nt features, etc.	
Hydrophytic Vegetation Present? Yes				-,		
Hydric Soil Present? Yes		is tr	ne Sampled	Yes	No X	
Wetland Hydrology Present?	No X	— with	in a Wetlan	d?	No	
Remarks: Upland sample point paired to feature #32		- This seemel		t =etl===d		
VEGETATION – Use scientific names of plant	s. Absolute	Dominant	Indicator	Dominance Test worl	ksheet:	
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant S		
1. <u>none</u> 2				That Are OBL, FACW, Total Number of Domin	nant	<u>0</u> (A)
3	<u> </u>			Species Across All Stra		1(B)
4			er	Percent of Dominant S That Are OBL, FACW,		0 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index wo	rksheet:	
2.				Total % Cover of:	Multip	ly by:
3.				OBL species	x 1 =	
4				FACW species		
5					x 3 =	
		= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Glebionis coronaria	60	Y	UPL	Column Totals:	(A)	(B)
2. Mesembryanthemum nodiflorum	2	N	FACU	Prevalence Ind	ex = B/A =	
3. Spergularia bocconi	10	N	FACW	11 1 1 2 1 4 4 4		
4. Bromus rubens	3	N	UPL FACU	Hydrophytic Vegetati		
Festuca myuros Erodium botrys	<u><1</u> 1	N	FACU	Dominance Test		
7	· 	N	PACU		daptations1 (Provid	
8					arks or on a separa	,
Mandy Vine Street in (Diet size)	76	= Total Cov	er	Problematic Hyd	drophytic Vegetatio	n¹ (Explain)
Woody Vine Stratum (Plot size:)				11 maliantana of hundria o	-:	
1. <u>none</u> 2.				¹ Indicators of hydric s be present, unless dis		
		= Total Cove	er	Hydrophytic Vegetation	/ N/-	. V
	over of Biotic	Ciust		Present?	YesNo	X
Remarks:						

SOIL Sampling Point: 32-UPL

Depth Color (moist) % Color (moist) % 0-12 10YR 4/3 100 Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coate Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise not Histosol (A1) Sandy Redox (S) Stripped Matrix (Black Histic (A3) Loamy Mucky M Hydrogen Sulfide (A4) Loamy Gleyed M Stratified Layers (A5) (LRR C) Depleted Matrix (Depleted Below Dark Surface (A11) Depleted Dark S Thick Dark Surface (A12) Redox Depression Redox	Type1 Loc2 Texture Remarks
0-12 10YR 4/3 100 Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coate Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise not Histosol (A1) Sandy Redox (S Stripped Matrix (Damy Mucky Matrix (A3) Loamy Mucky Matrix (A3) Loamy Mucky Matrix (A3) Loamy Mucky Matrix (B4) Stratified Layers (A5) (LRR C) Depleted Matrix (Damy Muck (A9) (LRR D) Redox Dark Surface (A11) Depleted Dark S	sandy loam Sandy loam Sandy loam Sandy loam
1Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coate Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise not Histosol (A1) Sandy Redox (S: Histic Epipedon (A2) Stripped Matrix (Black Histic (A3) Loamy Mucky M Hydrogen Sulfide (A4) Loamy Gleyed M Stratified Layers (A5) (LRR C) Depleted Matrix (1 cm Muck (A9) (LRR D) Redox Dark Surf Depleted Below Dark Surface (A11) Depleted Dark S	ed Sand Grains. 2 Location: PL=Pore Lining, RC=Root Channel, M=Matrix. 2 Indicators for Problematic Hydric Soils ³ : 25) 1 cm Muck (A9) (LRR C) 2 cm Muck (A10) (LRR B) 2 mineral (F1) Reduced Vertic (F18) Red Parent Material (TF2)
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise not Histosol (A1) Sandy Redox (Stripped Matrix (Stripped Matrix (CA2) Stripped Matrix (CA3) Loamy Mucky Matrix (CA3) Loamy Mucky Matrix (CA3) Loamy Gleyed Matrix (CA3) Stratified Layers (A5) (LRR C) Depleted Matrix (CA3) Loamy Gleyed Matrix (CA3) (LRR D) Redox Dark Surface (A11) Depleted Dark S	Indicators for Problematic Hydric Soils³: (S5) 1 cm Muck (A9) (LRR C) (S6) 2 cm Muck (A10) (LRR B) Mineral (F1) Reduced Vertic (F18) Matrix (F2) Red Parent Material (TF2)
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise not Histosol (A1) Sandy Redox (Stripped Matrix (Black Histic (A3) Loamy Mucky MHydrogen Sulfide (A4) Loamy Gleyed MHydrogen Sulfide (A4) Loamy Gleyed MHydrogen Sulfide (A5) (LRR C) Depleted Matrix (Barbard Muck (A9) (LRR D) Redox Dark Surface (A11) Depleted Dark S	Indicators for Problematic Hydric Soils³: (S5) 1 cm Muck (A9) (LRR C) (S6) 2 cm Muck (A10) (LRR B) Mineral (F1) Reduced Vertic (F18) Matrix (F2) Red Parent Material (TF2)
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise not Histosol (A1) Sandy Redox (Stripped Matrix (Stripped Matrix (CA2) Stripped Matrix (CA3) Loamy Mucky Matrix (CA3) Loamy Mucky Matrix (CA3) Loamy Gleyed Matrix (CA3) Stratified Layers (A5) (LRR C) Depleted Matrix (CA3) Loamy Gleyed Matrix (CA3) (LRR D) Redox Dark Surface (A11) Depleted Dark S	Indicators for Problematic Hydric Soils³: (S5) 1 cm Muck (A9) (LRR C) (S6) 2 cm Muck (A10) (LRR B) Mineral (F1) Reduced Vertic (F18) Matrix (F2) Red Parent Material (TF2)
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise not Histosol (A1) Sandy Redox (Stripped Matrix (Stripped Matrix (CA2) Stripped Matrix (CA3) Loamy Mucky Matrix (CA3) Loamy Mucky Matrix (CA3) Loamy Gleyed Matrix (CA3) Stratified Layers (A5) (LRR C) Depleted Matrix (CA3) Loamy Gleyed Matrix (CA3) (LRR D) Redox Dark Surface (A11) Depleted Dark S	Indicators for Problematic Hydric Soils³: (S5) 1 cm Muck (A9) (LRR C) (S6) 2 cm Muck (A10) (LRR B) Mineral (F1) Reduced Vertic (F18) Matrix (F2) Red Parent Material (TF2)
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise not Histosol (A1) Sandy Redox (Stripped Matrix (Stripped Matrix (CA2) Stripped Matrix (CA3) Loamy Mucky Matrix (CA3) Loamy Mucky Matrix (CA3) Loamy Gleyed Matrix (CA3) Stratified Layers (A5) (LRR C) Depleted Matrix (CA3) Loamy Gleyed Matrix (CA3) (LRR D) Redox Dark Surface (A11) Depleted Dark S	Indicators for Problematic Hydric Soils³: (S5) 1 cm Muck (A9) (LRR C) (S6) 2 cm Muck (A10) (LRR B) Mineral (F1) Reduced Vertic (F18) Matrix (F2) Red Parent Material (TF2)
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise not Histosol (A1) Sandy Redox (Stripped Matrix (Stripped Matrix (CA2) Stripped Matrix (CA3) Loamy Mucky Matrix (CA3) Loamy Mucky Matrix (CA3) Loamy Gleyed Matrix (CA3) Stratified Layers (A5) (LRR C) Depleted Matrix (CA3) Loamy Gleyed Matrix (CA3) (LRR D) Redox Dark Surface (A11) Depleted Dark S	Indicators for Problematic Hydric Soils³: (S5) 1 cm Muck (A9) (LRR C) (S6) 2 cm Muck (A10) (LRR B) Mineral (F1) Reduced Vertic (F18) Matrix (F2) Red Parent Material (TF2)
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise not Histosol (A1) Sandy Redox (Stripped Matrix (Stripped Matrix (CA2) Stripped Matrix (CA3) Loamy Mucky Matrix (CA3) Loamy Mucky Matrix (CA3) Loamy Gleyed Matrix (CA3) Stratified Layers (A5) (LRR C) Depleted Matrix (CA3) Loamy Gleyed Matrix (CA3) (LRR D) Redox Dark Surface (A11) Depleted Dark S	Indicators for Problematic Hydric Soils³: (S5) 1 cm Muck (A9) (LRR C) (S6) 2 cm Muck (A10) (LRR B) Mineral (F1) Reduced Vertic (F18) Matrix (F2) Red Parent Material (TF2)
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise not Histosol (A1) Sandy Redox (Stripped Matrix (Stripped Matrix (CA2) Stripped Matrix (CA3) Loamy Mucky Matrix (CA3) Loamy Mucky Matrix (CA3) Loamy Gleyed Matrix (CA3) Stratified Layers (A5) (LRR C) Depleted Matrix (CA3) Loamy Gleyed Matrix (CA3) (LRR D) Redox Dark Surface (A11) Depleted Dark S	Indicators for Problematic Hydric Soils³: (S5) 1 cm Muck (A9) (LRR C) (S6) 2 cm Muck (A10) (LRR B) Mineral (F1) Reduced Vertic (F18) Matrix (F2) Red Parent Material (TF2)
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise not Histosol (A1) Sandy Redox (Stripped Matrix (Black Histic (A3) Loamy Mucky MHydrogen Sulfide (A4) Loamy Gleyed MHydrogen Sulfide (A4) Loamy Gleyed MHydrogen Sulfide (A5) (LRR C) Depleted Matrix (Barbard Muck (A9) (LRR D) Redox Dark Surface (A11) Depleted Dark S	Indicators for Problematic Hydric Soils³: (S5) 1 cm Muck (A9) (LRR C) (S6) 2 cm Muck (A10) (LRR B) Mineral (F1) Reduced Vertic (F18) Matrix (F2) Red Parent Material (TF2)
Histosol (A1) Sandy Redox (S. Histic Epipedon (A2) Stripped Matrix (Black Histic (A3) Loamy Mucky M Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR C) Depleted Matrix (Depleted Below Dark Surface (A11) Depleted Dark S	S5) 1 cm Muck (A9) (LRR C) (S6) 2 cm Muck (A10) (LRR B) Mineral (F1) Reduced Vertic (F18) Matrix (F2) Red Parent Material (TF2)
Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR C) 1 cm Muck (A9) (LRR D) Depleted Below Dark Surface (A11) Stripped Matrix (Loamy Mucky M Loamy Gleyed M Depleted Matrix (Redox Dark Surface) Depleted Dark Surface (A11)	(S6) 2 cm Muck (A10) (LRR B) fineral (F1) Reduced Vertic (F18) Matrix (F2) Red Parent Material (TF2)
Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR C) 1 cm Muck (A9) (LRR D) Depleted Below Dark Surface (A11) Stripped Matrix (Loamy Mucky M Loamy Gleyed M Depleted Matrix (Loamy Mucky M Depleted Depleted Matrix (Loamy Mucky M Depleted Depleted Dark Surface (A11)	(S6) 2 cm Muck (A10) (LRR B) fineral (F1) Reduced Vertic (F18) Matrix (F2) Red Parent Material (TF2)
Hydrogen Sulfide (A4) Stratified Layers (A5) (LRR C) 1 cm Muck (A9) (LRR D) Depleted Below Dark Surface (A11) Loamy Gleyed M Depleted Matrix Redox Dark Surf Depleted Dark S	Matrix (F2) Red Parent Material (TF2)
Stratified Layers (A5) (LRR C) 1 cm Muck (A9) (LRR D) Depleted Below Dark Surface (A11) Depleted Depleted Dark S	
1 cm Muck (A9) (LRR D) Redox Dark Surf Depleted Below Dark Surface (A11) Depleted Dark S	(F3) Other (Explain in Remarks)
Depleted Below Dark Surface (A11) Depleted Dark S	
 · · ·	face (F6)
Thick Dark Surface (A12) Redox Depression	
Sandy Mucky Mineral (S1) Vernal Pools (F9	
Sandy Gleyed Matrix (S4)	unless disturbed or problematic.
Restrictive Layer (if present):	
Type: shovel refusal	
Depth (inches): 12	Hydric Soil Present? Yes No _ X
Remarks: No hydric soil indicators observed.	
IVDDOL GOV	
HYDROLOGY Wetland Hydrology Indicators:	Secondary Indicators (2 or more require
Primary Indicators (minimum of one required; check all that apply)	Water Marks (B1) (Riverine)
	_
Surface Water (A1) Salt Crust (B11) High Water Table (A2) Biotic Crust (B12)	Sediment Deposits (B2) (Riverine)
<u> </u>	
Saturation (A3)Aquatic Invertebra	<u>—</u>
Water Marks (B1) (Nonriverine) Hydrogen Sulfide	
	pheres along Living Roots (C3) Thin Muck Surface (C7)
Drift Deposits (B3) (Nonriverine)Presence of Redu	
	uction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (
Inundation Visible on Aerial Imagery (B7)Thin Muck Surfac	<u> </u>
Water-Stained Leaves (B9)Other (Explain in I	Remarks)FAC-Neutral Test (D5)
Field Observations:	
· ` ` · · · · -	
Water Table Present? Yes No Depth (inches):	Wetland Hydrology Present? Yes No X
Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches):	Wetland Hydrology Present? YesNoX
Water Table Present? Yes No Depth (inches):	
Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): (includes capillary fringe)	
Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, presented by the present of	
Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, presented by the second of the second	
Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): (includes capillary fringe)	
Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, presented by the second of the second	

Project/Site: Southwest Village Specific Plan Project		City/County	: San Dieg	0	Sampling Date	e: 4/27/23
Applicant/Owner: Tri Point Homes				State: CA	Sampling Poir	nt: 33-UPL
Investigator(s): Andrew Smisek		Section, T	ownship, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local relie	f (concave,	convex, none): none	SI	lope (%): 0
Subregion (LRR): C	Lat: 3	32.55856		Long: -117.01885	Dat	tum: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classificati	ion: none	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes _	X No	(If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	cantly disturbed	d? /	Are "Normal Circumstance	es" present? Ye	es X No
Are Vegetation, Soil, or Hydrology	natura	ally problematic	?	(If needed, explain any an	nswers in Remar	rks.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling point	locations	s, transects, importar	nt features, et	tc.
Hydrophytic Vegetation Present? Yes	No X					
Hydric Soil Present? Yes	No X		Sampled :	YAS	No	Χ
Wetland Hydrology Present? Yes	No X	within	i a wetian	u? —		
Remarks: Upland sample point paired to fature #33 w	etland point.	This sampled	area is not	a wetland		
VEGETATION – Use scientific names of plants						
Tree Stratum (Plot size:)	Absolute	Dominant Species?	Indicator Status	Dominance Test work		
1. none	% Cover	Species:	Status	Number of Dominant S That Are OBL, FACW,		0 (A)
				Total Number of Domin		(A)
				Species Across All Stra		3 (B)
3. 4.				Percent of Dominant S	pecies	(D)
		= Total Cover		That Are OBL, FACW,	or FAC:	(A/B)
Sapling/Shrub Stratum (Plot size:)						
1. Acmispon glaber	1	N	UPL	Prevalence Index wor	ksheet:	
2.				Total % Cover of:	Mul	Itiply by:
3.				OBL species	x 1 =	
4				FACW species		
5				FAC species		
	1	= Total Cover		FACU species		
Herb Stratum (Plot size:)				UPL species	x 5 =	
Glebionis coronaria	25	Y	UPL	Column Totals:	(A)	(B)
2. Mesembryanthemum nodiflorum	10	N	FACU	Prevalence Inde	ex = B/A =	
3. Bromus rubens	20	Y	UPL			
4. Bromus hordeaceus	20	<u> </u>	FACU	Hydrophytic Vegetation	on Indicators:	
5. Salsola tragus	1		FACU	Dominance Test		
6. Festuca perennis	9	N	FAC	Prevalence Index		
7				Morphological Ad	daptations¹ (Pro rks or on a sepa	
8		T-1-1 O			·	,
Woody Vine Stratum (Plot size:)	85	= Total Cove	r	Problematic Hyd	rophytic Vegetat	tion¹ (Explain)
				11 and in a town of boundaries and	-:	hdua la auaa.t
1. none				¹ Indicators of hydric so be present, unless dis		
2		Total Cover			<u> </u>	
0/ Page Coopered in Harb Streeture 45 0/ Co		= Total Cover		Hydrophytic Vegetation	.	No. V
	over of Biotic	- Ciust		Present? Y	'es	No X
Remarks:						

SOIL Sampling Point: 33-UPL

Depth	Matrix			edox Features				
(inches)	Color (moist)	%	Color (moist)	<u>%</u> T	ype ¹	Loc ²	Texture	Remarks
)-18 10	YR 4/3	100					clay	
				·				
		· -					-	
							-	· · · · · · · · · · · · · · · · · · ·
		·		· — — —				
Type: C=Concen	tration, D=Depletion	n, RM=Reduce	ed Matrix, CS=Covere	d or Coated Sar	nd Grains.	² L	ocation: PL=P	ore Lining, RC=Root Channel, M=Matrix.
Hydric Soil Ind	licators: (Applic	able to all L	RRs, unless othe	rwise noted.)			Indicator	s for Problematic Hydric Soils ³ :
Histosol (A1	1)		Sandy	Redox (S5)			1 cm	Muck (A9) (LRR C)
Histic Epipe	edon (A2)		Strippe	d Matrix (S6)			2 cm	Muck (A10) (LRR B)
Black Histic	(A3)		Loamy	Mucky Minera	l (F1)		Redu	ced Vertic (F18)
Hydrogen S	Sulfide (A4)		Loamy	Gleyed Matrix	(F2)		Red F	Parent Material (TF2)
	yers (A5) (LRR	C)		ed Matrix (F3)			Other	(Explain in Remarks)
	(A9) (LRR D)		Redox	Dark Surface ((F6)			•
	elow Dark Surfac	e (A11)	Deplete	ed Dark Surfac	e (F7)			
Thick Dark	Surface (A12)		Redox	Depressions (F	F8)		3Indicators	s of hydrophytic vegetation and
Sandy Mucl	ky Mineral (S1)		Vernal	Pools (F9)			wetlar	nd hydrology must be present,
Sandy Gley	ed Matrix (S4)						unless	s disturbed or problematic.
Restrictive Laye	er (if present):							
Type:	,							
Depth (inches)	١٠						Hydric Soil P	Present? Yes No X
(,	
Remarks: No hy	ydric soil indicato	rs observed.						
	/dric soil indicato	rs observed.						
YDROLOGY	dric soil indicato						<u>Se</u>	econdary Indicators (2 or more require
YDROLOGY Wetland Hydro	ology Indicators	:	l; check all that app	ly)			<u>Se</u>	econdary Indicators (2 or more required Water Marks (B1) (Riverine)
IYDROLOGY Wetland Hydro Primary Indicato	ology Indicators	:					<u>Se</u>	Water Marks (B1) (Riverine)
YDROLOGY Wetland Hydro Primary Indicato Surface Wa	ology Indicators ors (minimum of oater (A1)	:	i; check all that app Salt Cru	st (B11)			<u>Se</u>	_ Water Marks (B1) (Riverine) _ Sediment Deposits (B2) (Riverine)
YDROLOGY Wetland Hydro Primary Indicato Surface Wa High Water	ology Indicators ors (minimum of o ater (A1) Table (A2)	:	l; check all that app Salt Crus Biotic Cr	st (B11) ust (B12)	(B13)		<u>Se</u>	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
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Wetland Hydro Primary Indicato Surface Wa High Water Saturation (Water Mark Sediment D Drift Deposi Surface Soi Inundation \ Water-Stair Field Observati Surface Water P Water Table Pre Saturation Prese (includes capillar escribe Recorde	plogy Indicators ors (minimum of eater (A1) Table (A2) (A3) Os (B1) (Nonriver Deposits (B2) (No rits (B3) (Nonriver il Cracks (B6) Visible on Aerial ned Leaves (B9) Ons: Present? Ons: Oresent? Oresent.	cine) prine) prine) lmagery (B7 /es /es gauge, moni	; check all that app Salt Cruster Biotic Cruster Aquatic of the Hydroge oxidized of the Presence of the Hydroge oxidized of the Hydroge oxidized	st (B11) ust (B12) Invertebrates (In Sulfide Odor I Rhizospheres I Reduced I I Route of Reduction I Reduction I Reduction I Reduction I Remains of Reduction I	r (C1) s along Liv Iron (C4) in Tilled S 7) arks)	wetlar	ts (C3))	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hydro Primary Indicato Surface Wa High Water Saturation (Water Mark Sediment D Drift Deposi Surface Soi Inundation \ Water-Stair Field Observati Surface Water P Water Table Pre Saturation Prese (includes capillar escribe Recorde	plogy Indicators ors (minimum of eater (A1) Table (A2) (A3) Os (B1) (Nonriver Deposits (B2) (No rits (B3) (Nonriver il Cracks (B6) Visible on Aerial ned Leaves (B9) Ons: Present? Ons: Oresent? Oresent.	cine) prine) prine) lmagery (B7 /es /es gauge, moni	; check all that app Salt Cruster Biotic Cruster Aquatic of the Hydroge oxidized of the Presence of the Hydroge oxidized of the Hydroge oxidized	st (B11) ust (B12) Invertebrates (In Sulfide Odor I Rhizospheres I Reduced I I Route of Reduction I Reduction I Reduction I Reduction I Remains of Reduction I	r (C1) s along Liv Iron (C4) in Tilled S 7) arks)	wetlar	ts (C3))	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3) FAC-Neutral Test (D5)

Project/Site: Southwest Village Spec	ific Plan Project		City/Coun	ity: San Dieg	0	Sampling Date	: 4/27/23
Applicant/Owner: Tri Point Homes					State: CA	Sampling Point	t: <u>34-UPL</u>
Investigator(s): Andrew Smisek			Section,	Township, R	Range: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): me	esa		Local re	lief (concave	, convex, none): none	Slo	pe (%): 0
Subregion (LRR): C		Lat:	32.55867		Long: -117.01898	Datu	ım: <u>NAD83</u>
Soil Map Unit Name: Huerhuero loa	m, 2-9% slopes				NWI classifica	tion: none	
Are climatic / hydrologic conditions or	n the site typical fo	or this time o	f year? Yes	XNo	o(If no, explain	in Remarks.)	
Are Vegetation, Soil	, or Hydrology	signif	icantly disturb	ed?	Are "Normal Circumstand	ces" present? Ye	s X No_
Are Vegetation, Soil	, or Hydrology	natur	ally problema	tic?	(If needed, explain any a	nswers in Remark	ks.)
SUMMARY OF FINDINGS – Att	tach eite man e	showing sa	mpling poi	nt location	e transacte importa	nt features etc	•
OUMINARY OF THE DIVISO - ALL	acii site iliap s	nowing sa		in location	s, transcots, importa	in realures, etc	<u></u>
Hydrophytic Vegetation Present?	Yes		le ti	ne Sampled	Aroa		
Hydric Soil Present?	Yes			ie Sampieu iin a Wetlan	YAS	No>	<u> </u>
Wetland Hydrology Present?	Yes	No X	_		- ·		
Remarks: Upland sample point pair	red to feature #34	wetland poir	nt. This sample	ed area is no	t a wetland.		-
VEGETATION – Use scientific	names of plant	ts.					
Trop Stratum (Diet size)	`	Absolute	Dominant	Indicator	Dominance Test wor		
Tree Stratum (Plot size:		% Cover	Species?	Status	Number of Dominant S That Are OBL, FACW		0 (A)
2					Total Number of Domi		(A,
3.		=			Species Across All Str		2 (B
4.					Percent of Dominant S		(D
			= Total Cove	er	That Are OBL, FACW	, or FAC:	(A
Sapling/Shrub Stratum (Plot size:))					
1. none					Prevalence Index wo	rksheet:	
2.					Total % Cover of:	Mult	iply by:
3.					OBL species	x 1 =	
4.					FACW species	x 2 =	
5.					FAC species	x 3 =	
·			= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Bromus hordeaceus		55	Υ	FACU	Column Totals:	(A)	(B)
2. Glebionis coronaria		5	N	UPL	Prevalence Inc	dex = B/A =	
3. Bromus rubens		20	Y	UPL			
4. Festuca myuros		5	N	FACU	Hydrophytic Vegetat	ion Indicators:	
5. Erodium botrys		5	N	FACU	Dominance Tes	t is >50%	
6. Mesembryanthemum nodiflorur	n	1	N	FACU	Prevalence Inde	ex is ≤3.0¹	
7				FACU		Adaptations ¹ (Prov	
8					data in Rema	arks or on a separ	ate sheet)
		91	= Total Cov	er/	Problematic Hyd	drophytic Vegetati	on¹ (Explain)
Woody Vine Stratum (Plot size:)	1					
1. none		=			¹ Indicators of hydric s		
2		=			be present, unless un	sturbed or probler	nauc.
			= Total Cove	er	Hydrophytic		
% Bare Ground in Herb Stratum	9 % C	over of Biotic	: Crust			Yes N	No X
remarks:							
2 % Bare Ground in Herb Stratum Remarks:	9 % C	cover of Biotic	= Total Cove	er	Vegetation	·	

SOIL Sampling Point: 34-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix	•	Re	dox Featu	ires				•		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	<u> </u>	Ren	narks	
0-8	10YR 3/3	100					sandy loar	m			
							-				
¹ Type: C=Co	ncentration, D=Depletion	, RM=Reduced	Matrix, CS=Covere	d or Coated	Sand Grains	s. ²	Location: PL=	Pore Lining, R	C=Root Chan	nel, M=Matrix	Κ.
Hydric Soi	I Indicators: (Applica	able to all LRI	Rs, unless other	wise note	d.)		Indicato	rs for Prob	lematic Hyd	ric Soils³:	
Histoso	l (A1)		Sandy F	Redox (S5))		1 cm	Muck (A9)	(LRR C)		
Histic E	pipedon (A2)		Stripped	Matrix (S	6)		2 cm	Muck (A10) (LRR B)		
Black H	listic (A3)		Loamy I	Mucky Min	eral (F1)		Red	uced Vertic	(F18)		
Hydrog	en Sulfide (A4)		Loamy (Gleyed Ma	trix (F2)		Red	Parent Mat	erial (TF2)		
	ed Layers (A5) (LRR 0	3)		d Matrix (F	,		Othe	er (Explain ir	n Remarks)		
	uck (A9) (LRR D)			Dark Surfac	` ,						
	ed Below Dark Surface	e (A11)		d Dark Sur			31 11 4				
	Park Surface (A12)			Depression	is (F8)				hytic vegetat		
	Mucky Mineral (S1) Gleyed Matrix (S4)		vernai F	Pools (F9)					y must be pr or problema		
							unies	s distuibed	or problema	uc.	
	Layer (if present):										
	ovel refusal		_								
Depth (inc	ches): <u>8</u>		_				Hydric Soil	Present?	Yes	No _	X
Remarks: N	lo hydric soil indicator	s observed.					-				
	•										
HYDROLO											
	ydrology Indicators:						<u>s</u>		ndicators (2		equired)
Primary Inc	licators (minimum of c	ne required; c							arks (B1) (Ri		
	e Water (A1)		Salt Crus	t (B11)			_	Sedimen	t Deposits (B	2) (Riverin	ie)
	/ater Table (A2)		Biotic Cru	` ,			_		osits (B3) (R		
Satura	tion (A3)			nvertebrate			_	Drainage	Patterns (B	10)	
Water	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)		_	Dry-Seas	son Water Ta	ble (C2)	
Sedime	ent Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	Thin Mud	k Surface (C	:7)	
Drift De	eposits (B3) (Nonrive	rine)	Presence	of Reduc	ed Iron (C4	1)	_	Crayfish	Burrows (C8)	
Surface	e Soil Cracks (B6)		Recent Ir	on Reduct	ion in Tille	d Soils (Ce	6)	Saturatio	n Visible on	Aerial Imag	ery (C9)
Inunda	tion Visible on Aerial I	magery (B7)	Thin Muc	k Surface	(C7)		_	Shallow /	Aquitard (D3))	
Water-	Stained Leaves (B9)		Other (Ex	cplain in Re	emarks)		_	FAC-Neu	utral Test (D5	5)	
Field Obse	rvations:										
		es No	Depth (inc	hes):							
Water Table		es No									
Saturation F			Depth (inc				nd Hydrolo	av Present	? Yes	No	Χ
	pillary fringe)					_		g,			
•	corded Data (stream of	gauge, monitor	ring well, aerial ph	otos, prev	ious inspe	ctions), if a	available:		-	·	
Remarks: N	o wetland hydrology ir	idicators obse	erved.								

Project/Site: Southwest Village Specific Plan Project		City/Cou	ınty: San Dieg	0	Sam	pling Dat	e: <u>5/3/23</u>	
Applicant/Owner: Tri Point Homes				State:	CA Sam	pling Poi	nt: <u>35-UP</u>	L
Investigator(s): Andrew Smisek		Section	n, Township, R	Range: Section 31,	T18S R01W			
Landform (hillslope, terrace, etc.): mesa		Local r	elief (concave	, convex, none): no	ne	S	ope (%):	0
Subregion (LRR): C	Lat:						tum: NAD	83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI clas	sification: no	ne		
Are climatic / hydrologic conditions on the site typical for	or this time of	year? Ye	s x No	o (If no, ex	plain in Rema	arks.)		
Are Vegetation, Soil, or Hydrology _				Are "Normal Circun			es x	No
Are Vegetation , Soil , or Hydrology				(If needed, explain	any answers	in Rema	rks.)	· <u>-</u>
SUMMARY OF FINDINGS – Attach site map s				s, transects, imp	ortant feat	ures, e	tc.	
Hydrophytic Vegetation Present? Yes	No x	_ le	the Sampled	Aroa				
Hydric Soil Present? Yes			thin a Wetlan	Y	es	No	Х	
Wetland Hydrology Present? Yes	_Nox							
VEGETATION – Use scientific names of plant Tree Stratum (Plot size:) 1 2	Absolute % Cover	Dominant Species?		Dominance Tes Number of Domi That Are OBL, F Total Number of	nant Species ACW, or FAC		0	(A)
3				Species Across			2	(B)
4. Sapling/Shrub Stratum (Plot size:)			ver	Percent of Domii That Are OBL, F			0	(A/B)
1				Prevalence Inde	ex workshee	t:		
2.				Total % Cov			Itiply by:	
3.				OBL species		x 1 =		
4.				FACW species				
5.				FAC species				_
		= Total Cov	ver	FACU species	35	x 4 =	140	
Herb Stratum (Plot size:)	-			UPL species	20	x 5 =	100	
Mesambryanthemum nodiflorum	30	Y	FACU	Column Totals:	55	(A)	240	(B)
2. Glebionis coronaria	15	Y	UPL	Prevalen	ce Index = B/	A = 4.4		
3. Bromus hordeaceus	5	N	FACU					
4. Bromus rubens	5	N	UPL	Hydrophytic Ve	getation Ind	icators:		
5		-		Dominanc	e Test is >50	%		
6				Prevalence	e Index is ≤3.	O ¹		
7. 8.	· 				ical Adaptation			
Woody Vine Stratum (Plot size:)	55	= Total Co	over	Problemat	ic Hydrophyti	c Vegeta	ition¹ (Exp	lain)
1 2				¹ Indicators of hy be present, unle				must
	55	= Total Co	ver	Hydrophytic Vegetation	V		No.	
	over of Biotic			Present?	Yes		Nox	
Remarks: The sample area does not support a predon	ninance of h	ydrophytic vo	egetation.					

SOIL Sampling Point: 35-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			edox Feature			_	
(inches)	Color (moist)	%	Color (moist)	<u>%</u>	Type ¹	Loc ²	Texture	e Remarks
0-18	10YR 4/3	100					sandy clay	no redox
	-							
								
				· ·			-	
								
¹ Type: C=Coi	ncentration, D=Depletio	n. RM=Reduc	ed Matrix. CS=Covere	d or Coated S	Sand Grains	S. 2	Location: PL=P	Pore Lining, RC=Root Channel, M=Matrix.
	Indicators: (Applic					-		rs for Problematic Hydric Soils ³ :
Histosol				Redox (S5)	,			Muck (A9) (LRR C)
	pipedon (A2)			d Matrix (S6)	١			Muck (A10) (LRR B)
	istic (A3)			Mucky Mine	•			uced Vertic (F18)
	en Sulfide (A4)			Gleyed Matr				Parent Material (TF2)
	d Layers (A5) (LRR	C)		d Matrix (F3				er (Explain in Remarks)
	uck (A9) (LRR D)	•,		Dark Surface	,			(276-411-11-11-41-41-4)
	d Below Dark Surfac	e (A11)		d Dark Surfa	` '			
	ark Surface (A12)	,		Depressions			³ Indicator	rs of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal I	Pools (F9)	` ,		wetlar	nd hydrology must be present,
	Gleyed Matrix (S4)			` ,				s disturbed or problematic.
Postrictivo	Layer (if present):							
Type:	Layer (ii present).							
	haa).		<u></u>				Lludria Cail F	Draggat2 Veg No v
Depth (inc	nes).						Hydric Soil F	Present? Yes No x
HYDROLO	GY							
Wetland Hy	drology Indicators	:					S	econdary Indicators (2 or more required
Primary Ind	icators (minimum of	one required	d; check all that app	ly)				Water Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	st (B11)				Sediment Deposits (B2) (Riverine)
— High W	ater Table (A2)			ust (B12)			_	Drift Deposits (B3) (Riverine)
	ion (A3)			nvertebrates	s (B13)		_	Drainage Patterns (B10)
	Marks (B1) (Nonrive	rine)		n Sulfide Oc	` ,		_	Dry-Season Water Table (C2)
	ent Deposits (B2) (No	,		Rhizospher		Livina Ro	ots (C3)	Thin Muck Surface (C7)
	posits (B3) (Nonrive	,		e of Reduce	Ū	Ū		Crayfish Burrows (C8)
	Soil Cracks (B6)	,,,,,,		ron Reduction	,	,	6)	Saturation Visible on Aerial Imagery (C9)
	ion Visible on Aerial	Imagery (B7		ck Surface (2 000 (0.	_	Shallow Aquitard (D3)
	Stained Leaves (B9)	imagery (Dr	<i>'</i>	xplain in Rei	,		_	FAC-Neutral Test (D5)
			Other (E	Apiaiii iii iXei	iliaiks)		_	I AC-Neutral Test (D3)
Field Obser								
Surface Wat		res	No Depth (inc	,		-		
Water Table		/es				_		
Saturation P		/es	No Depth (inc	:hes):		Wetla	and Hydrolog	gy Present? Yes No x
(includes cap				noton provid	aug inan-	ations\ if i	ovoiloble:	
Deceribe Dec	· · · · · · · · · · · · · · · · · · ·	~~~			Jus msper	Juons), ii a	avallable.	
Describe Rec	corded Data (stream	gauge, mon	itoring well, aerial p	iotos, previo	•			
Describe Rec	· · · · · · · · · · · · · · · · · · ·	gauge, mon	itoring well, aerial p	iolos, previo	·			
	· · · · · · · · · · · · · · · · · · ·			lotos, previo	· 			
	corded Data (stream			lotos, previo	· 			
	corded Data (stream			lotos, previo		·		
	corded Data (stream			lotos, previo				

Project/Site: Southwest Village Specific Plan Project		City/County: San Di	ego	Sampling Date	e: <u>5/3/23</u>	
Applicant/Owner: Tri Point Homes			State: CA	Sampling Poir	nt: <u>45-UPL</u>	L
Investigator(s): Andrew Smisek		Section, Township	Range: Section 31, T18S	R01W		
Landform (hillslope, terrace, etc.): mesa		Local relief (concav	ve, convex, none): none	SI	ope (%): <u>C</u>	0
Subregion (LRR): C	Lat:	32.55795	Long: -117.01868	Dat	um: NAD8	33
Soil Map Unit Name: Huerhuero loam, 2-9% slopes			NWI classifica	tion: none		
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes x	No(If no, explain	in Remarks.)		
Are Vegetationx,Soilx,or Hydrology	signifi	cantly disturbed?	Are "Normal Circumstand	ces" present? Ye	es x	No
Are Vegetation, Soil, or Hydrology	natura	ally problematic?	(If needed, explain any a	nswers in Rema	rks.)	
SUMMARY OF FINDINGS – Attach site map si	howing sa	mpling point location	ns, transects, importa	nt features, et	c.	
Hydrophytic Vegetation Present? Yes	No x					
Hydric Soil Present? Yes	No x	Is the Samplewithin a Wetla	Yes	No	x	
Wetland Hydrology Present? Yes	No x	— within a wetia	ina?			
Remarks: Paired sample point for feature #45.						
VEGETATION – Use scientific names of plant	s.					
	Absolute	Dominant Indicator	Dominance Test wor	ksheet:		
Tree Stratum (Plot size:)	% Cover	Species? Status	Number of Dominant S			(*)
2.			That Are OBL, FACW,		0	(A)
3.			_ Total Number of Domi Species Across All Str		0	(D)
4.			Percent of Dominant S		2	(B)
4.	-	= Total Cover	That Are OBL, FACW,		0	(A/B)
Sapling/Shrub Stratum (Plot size:)		- Total Cover				
4			Prevalence Index wo	rksheet:		
2.			Total % Cover of:		Itiply by:	
3.			OBL species	x 1 =		_
4.			FACW species			_
5.			FAC species	x 3 =		_
		= Total Cover	FACU species	x 4 =		_
Herb Stratum (Plot size:)			UPL species 10	00 x 5 =	500	_
1. Avena barbata	80	Y UPL	Column Totals: 10	00 (A) _	500	(B)
2. Glebionis coronaria	20	Y UPL	Prevalence Inc	lex = B/A = 5		
3						
4			Hydrophytic Vegetat	ion Indicators:		
5			Dominance Tes			
6			Prevalence Inde			
7			Morphological A	.daptations¹ (Pro arks or on a sepa		
8	400	Total Course	_	·		•
Woody Vine Stratum (Plot size:)	100	= Total Cover	Problematic Hyd	drophytic Vegeta	tion¹ (Expla	ain)
			¹ Indicators of hydric s	oil and watland b	ovdrology r	muet
1.			be present, unless di			must
2	100	= Total Cover	- I budo o budio			
	100	= Total Cover	Hydrophytic Vegetation			
% Bare Ground in Herb Stratum0 % Co	over of Biotic	Crust		Yes	Nox	
_						
Remarks: The sample area does not support a predon	ninance of hy	drophytic vegetation.				
Remarks: The sample area does not support a predon	ninance of hy	drophytic vegetation.				
Remarks: The sample area does not support a predon	ninance of hy	drophytic vegetation.				

SOIL Sampling Point: 45-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches)	Color (moist)	%	Color (moist)	% Typ	pe ¹ Loc ²	 Texture	Remarks
0-12	10YR 3/3	100	2 2 2 2 ()			loamy sand	
12-18	10YR 4/4	100					
12-10	1011 4/4	100		-		clay	
-		· ·					
	_						
	_	<u> </u>					
	- , -	 		<u> </u>		<u> </u>	
¹ Type: C=C	concentration, D=Depletic	n, RM=Reduc	ed Matrix, CS=Cover	ed or Coated Sand	Grains.	² Location: PL=Poi	re Lining, RC=Root Channel, M=Matrix.
Hydric So	oil Indicators: (Applic	able to all L	RRs, unless othe	erwise noted.)		Indicators	for Problematic Hydric Soils ³ :
Histos	ol (A1)		Sandy	Redox (S5)		1 cm N	Muck (A9) (LRR C)
	Epipedon (A2)			ed Matrix (S6)			Muck (A10) (LRR B)
	Histic (A3)			Mucky Mineral (ed Vertic (F18)
	gen Sulfide (A4)	~ `		Gleyed Matrix (F	-2)		arent Material (TF2)
	ied Layers (A5) (LRR Muck (A9) (LRR D)	C)		ed Matrix (F3) Dark Surface (F6	2)	Other	(Explain in Remarks)
	ted Below Dark Surface	ce (A11)		ed Dark Surface	,		
	Dark Surface (A12)) (/ (Depressions (F8		3Indicators	of hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)	,		hydrology must be present,
	Gleyed Matrix (S4)			, ,			disturbed or problematic.
Restrictive	E Layer (if present):						
Type:	, , ,						
Depth (in	nches):		<u></u>			Hydric Soil Pr	esent? Yes No x
Domorko	No hydric soil indicate	, , , , , , , , , , , , , , , , , , ,					
HYDROLO	nev						
	Hydrology Indicators	·				Sec	condary Indicators (2 or more required)
	dicators (minimum of		: check all that ap	olv)		<u>550</u>	Water Marks (B1) (Riverine)
	ce Water (A1)		•	ıst (B11)			Sediment Deposits (B2) (Riverine)
	Nater Table (A2)			rust (B12)			Drift Deposits (B3) (Riverine)
	ation (A3)			Invertebrates (B	13)		Drainage Patterns (B10)
	Marks (B1) (Nonrive	rine)		en Sulfide Odor (,		Dry-Season Water Table (C2)
	nent Deposits (B2) (No			d Rhizospheres a		oots (C3)	Thin Muck Surface (C7)
	Deposits (B3) (Nonrive			ce of Reduced Iro			Crayfish Burrows (C8)
	ce Soil Cracks (B6)			Iron Reduction in		C6)	Saturation Visible on Aerial Imagery (C9)
Inunda	ation Visible on Aerial	Imagery (B7) Thin Mu	ick Surface (C7)			Shallow Aquitard (D3)
Water	-Stained Leaves (B9)		Other (E	Explain in Remark	(S)		FAC-Neutral Test (D5)
Field Obse	ervations:						
		Yes	No Depth (in	ches):			
Water Tabl			No Depth (in				
Saturation			No Depth (in		Wet	land Hydrology	Present? YesNox_
	ecorded Data (stream	gauge, moni	toring well, aerial r	ohotos, previous i	nspections). if	f available:	
	((5 5 7 3	Ç , P	,,	//	-	
Remarks: N	No wetland hydrology	indicators ob	served.				

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	0	Sampling Date:	August 17, 2023
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point:	49-UPL
Investigator(s): Andrew Smisek		Section,	Township, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local rel	ief (concave,	convex, none): Convex	Slop	e (%): 1
Subregion (LRR): C	Lat: 3	32.554682		Long: -117.025015	Datun	n: NAD83
Soil Map Unit Name: Huerhuero loam, 2 to 9 % slopes				NWI classificati	on: none	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	cantly disturb	ed?	Are "Normal Circumstance	es" present? Yes	X No
Are Vegetation , Soil , or Hydrology				(If needed, explain any an	nswers in Remarks	5.)
SUMMARY OF FINDINGS – Attach site map sh				s, transects, importar	nt features, etc.	
Hydrophytic Vegetation Present? Yes	No X	1- 41	. 0			
Hydric Soil Present? Yes	No X		ie Sampled in a Wetlan	Yes	No X	
Wetland Hydrology Present? Yes	No X		iii a wellan	u:		
VEGETATION – Use scientific names of plants						
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work		
1. none	70 0010.			Number of Dominant S That Are OBL, FACW,		0 (A)
2				Total Number of Domin Species Across All Stra	nant	
4.		= Total Cove	er	Percent of Dominant Sp That Are OBL, FACW,	pecies	1 (B) 0 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index wor		
2				Total % Cover of:	Multip	· · ·
3				OBL species	x 1 =	
4				FACW species	x 2 =	
5				FAC species FACU species	x 3 =	
Herb Stratum (Plot size:)		= Total Cove	er ·	UPL species	x 4 = x 5 =	
1. Centaurea melitensis	5	N	UPL	Column Totals:	(A)	(B)
Deinandra fasciculata		N	FACU			 ; * *
3. Bromus hordeaceus	10	N	FACU	Prevalence Inde	ex = B/A =	
4. Glebionis coronaria	5	N	UPL	Hydrophytic Vegetation	on Indicators:	
5. Bromus rubens	5	N	UPL	Dominance Test	is >50%	
6. Hypochaeris glabra	5	N	UPL	Prevalence Index	x is ≤3.0¹	
7. Avena sp.	60	Υ	UPL	Morphological Ac	daptations1 (Provid	de supporting
8. Erodium botrys	10	N	FACU	data in Remai	rks or on a separa	te sheet)
Woody Vine Stratum (Plot size:	100	= Total Cov	er	Problematic Hydi	rophytic Vegetatio	n¹ (Explain)
1. none				¹ Indicators of hydric so	nil and wetland hv	drology must
2.				be present, unless dis		
		= Total Cove	r	Hydrophytic Vegetation		
	ver of Biotic	Crust			esNo	X
Remarks:						

SOIL Sampling Point: 49-UPL

Profile Desc Depth	ription: (Describe Matrix		n neede		ent the inc dox Featu		confirm	n the absend	ce of in	dicators.			
(inches)	Color (moist)	%	Colo	or (moist)	%	Type ¹	Loc ²	Text	ure		Rem	arks	
0-7	10YR 3/3	100						sandy c		no redox			
		100	-						,				
7-18	10YR 4/3							clay		no redox	•		
<u> </u>													
								_					
¹ Type: C=Co	ncentration, D=Depleti	on, RM=Reduc	ced Matrix	k, CS=Covered	d or Coated	Sand Grains	S.	² Location: Pl	_=Pore L	ining, RC=	Root Chann	el, M=Ma	trix.
Hydric Soil	Indicators: (Appli	cable to all I	LRRs, u	nless other	wise note	d.)		Indica	tors fo	Problem	natic Hydr	ic Soils ³	3:
Histoso	(A1)		-	Sandy F	Redox (S5)			1	cm Muc	k (A9) (LF	RR C)		
	pipedon (A2)		_		Matrix (Se	,				k (A10) (L			
	istic (A3)		-		Mucky Mine					Vertic (F1	,		
	en Sulfide (A4)	. •\	-		Gleyed Mat					nt Materia			
	d Layers (A5) (LRR	. C)	-		d Matrix (F	,		0	ther (Ex	plain in R	emarks)		
	uck (A9) (LRR D)	(111)	-		Dark Surfac	` '							
	d Below Dark Surfa ark Surface (A12)	ice (ATT)	-		d Dark Sur Depression			3Indios	tors of l	ovdrophyt	ic vegetati	on and	
	Mucky Mineral (S1)		-		Pools (F9)	3 (1 0)					nust be pre		
	Gleyed Matrix (S4)		=	vernar i	0013 (1 3)				-		oroblemati		
_	Layer (if present):												
Type:	h \.							l li dii C	:I D	40	·/	Na	V
Depth (inc	nes).							Hydric Sc	JII FIESE	HILF	Yes	No	<u>X</u>
Remarks:													
HYDROLO	G Y												
Wetland Hy	drology Indicator	s:							Secon	dary Indi	cators (2	or more	required)
-	icators (minimum o		d; check	all that appl	y)				Wa	ater Marks	s (B1) (Riv	erine)	
Surface	Water (A1)			Salt Crus	t (B11)				Se	diment D	eposits (B	2) (River	ine)
	ater Table (A2)		_	Biotic Cru							s (B3) (Ri		,
Saturat	, ,		_		nvertebrate	es (B13)					itterns (B1	,	
	Marks (B1) (Nonriv e	erine)	_		Sulfide O	. ,					Water Tal		
	nt Deposits (B2) (N		_		Rhizosphe		Livina F	Roots (C3)			Surface (C	, ,	
	posits (B3) (Nonriv		_		of Reduce	_	-	(00)			rows (C8)	•	
	Soil Cracks (B6)	·············	_		on Reducti			(C6)		•	, ,		agery (C9)
	ion Visible on Aeria	l Imagery (B	7)		k Surface		u 000 ((00)			itard (D3)	ionai iine	agoly (Oo)
	Stained Leaves (B9		·/ _		plain in Re						l Test (D5)		
		<u>'</u>	· -		CPICIII III I I I	ziriaino)				- Hould	1 1001 (20)		
Field Obser													
Surface Wat		Yes		_ Depth (inc									
Water Table													
Saturation P		Yes	No	_ Depth (inc	hes):		We	tland Hydro	logy Pr	esent?	Yes	No	X
(includes ca			itaria a	اما معناما عام	otoo provi	ious inone	otiona)	if available.					
Describe Red	orded Data (stream	i gauge, mon	illoring w	veii, aeriai pr	iolos, previ	ious inspe	Cuoris),	ii avallable.					
Remarks:													

Project/Site: Southwest Village Speci	fic Plan Project		City/Coun	ity: San Dieg	0	Samplin	ng Date: 6	3/16/23	1
Applicant/Owner: Tri Point Homes					State: C	A Samplin	ng Point: 5	54-UPL	
Investigator(s): Andrew Smisek			Section,	Township, R	Range: Section 31, T	18S R01W			
Landform (hillslope, terrace, etc.): mes	sa		Local re	lief (concave	, convex, none): <u>none</u>	Э	Slope	(%): <u>0</u>)
Subregion (LRR): C		Lat:	32.55521		Long: <u>-117.02489</u>		Datum:	NAD8	3
Soil Map Unit Name: Huerhuero loan	n, 2-9% slopes				NWI classi	fication: none			
Are climatic / hydrologic conditions on	the site typical fo	or this time o	f year? Yes	xNo	o(If no, expl	ain in Remarks	s.)		
Are Vegetation x, Soil x,	or Hydrology	signif	icantly disturb	ed?	Are "Normal Circums	tances" preser	nt? Yes _	x 1	No
Are Vegetation, Soil	<u>,</u> or Hydrology _	natur	ally problema	tic?	(If needed, explain ar	ny answers in F	Remarks.))	
SUMMARY OF FINDINGS – Atta	ach site map s	howing sa	mpling poi	nt location	s, transects, impo	rtant feature	es, etc.		
Hydrophytic Vegetation Present?	Yes x	No							
Hydric Soil Present?	Yes	No x		ne Sampled	Yes	s No	o x		
Wetland Hydrology Present?	Yes	No x	with	nin a Wetlan	u r			_	
Remarks: Paired sample point for fe	eature #54.								
, , , , , , , , , , , , , , , , , , , ,									
VEGETATION – Use scientific r	names of plant								
Tree Stratum (Plot size:	1	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test				
1.		70 COVE	Opecies:	Status	Number of Domina That Are OBL, FAC			1	(A)
2.					Total Number of D	•		•	_(',')
3.					Species Across All			3	(B)
4.					Percent of Domina				_ ` ′
		-	= Total Cove	er	That Are OBL, FAC	CW, or FAC:	33.	.3%	_(A/B)
Sapling/Shrub Stratum (Plot size:)								
1					Prevalence Index	worksheet:			
2					Total % Cover	of:	Multiply	by:	=
3					OBL species		1 =	0	_
4					FACW species			0	_
5					FAC species			60	=
Llowh Ctrotum (Diot size)	`		= Total Cove	er	FACU species		-	32	-
Herb Stratum (Plot size: 1. Erodium botrys)	20	V	FACIL	UPL species Column Totals:		-	80 212	- (D)
Glabionis coroneria		30 15	<u>Y</u> Y	FACU UPL	Column Totals.	(F	A)2	. 12	_(B)
Rumex crispus		1	N	FAC	Prevalence	Index = B/A =	3		-
4. Bromus hordeaceus		3	N	FACU	Hydrophytic Vege	atation Indica	tore:		
5. Festuca perennis		20	Y	FAC		Test is >50%	1015.		
6. Avena sp		<1	N	UPL		Index is ≤3.0¹			
7. Hedypnois rhagadioloides		<1	N	NI		al Adaptations	1 (Provide	suppo	ortina
8.		- -				emarks or on a			
		71	= Total Cov	/er	Problematic	Hydrophytic V	egetation	¹ (Expla	ain)
Woody Vine Stratum (Plot size:)					7 - 1 7	3	\	,
1.					¹ Indicators of hyd				nust
2.					be present, unles	s disturbed or	problemat	tic.	
		70	= Total Cove	er	Hydrophytic				
O/ Dave Orough in Heat Office	0/ 0	over of Dist	Cruct		Vegetation	Vos	NI.		
% Bare Ground in Herb Stratum		over of Biotic			Present?	Yes x	No_		
Remarks: The sample area supports	a predominance	of hydrophy	tic vegetation.					-	-

SOIL Sampling Point: 54-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Features			-			
(inches)	Color (moist)	%	Color (moist)	<u>%</u> T	ype ¹	Loc ²	Texture	<u> </u>	Remarks	
0-6	10YR 3/3	100					sandy clay	,		
				-						
		. <u> </u>								
			-	-			-			
			-	-						
1= 0.0			M			21			Dest Olement M. Marti	
	ncentration, D=Depletion								Root Channel, M=Matri	х.
-	Indicators: (Applic	able to all LRI							natic Hydric Soils ³ :	
Histoso	` '			tedox (S5)				Muck (A9) (L	•	
	pipedon (A2)			Matrix (S6)				Muck (A10) (I		
	istic (A3)			Mucky Mineral				uced Vertic (F1		
	en Sulfide (A4)	_`		Bleyed Matrix	(F2)			Parent Materia		
	d Layers (A5) (LRR	C)		d Matrix (F3)	(5 0)		Othe	er (Explain in R	emarks)	
	uck (A9) (LRR D)	- (044)		ark Surface (` ,					
	d Below Dark Surfac	æ (A11)		d Dark Surfac			31			
	ark Surface (A12)			epressions (F	го)			, , ,	tic vegetation and	
	Mucky Mineral (S1) Gleyed Matrix (S4)		vemai P	ools (F9)				s disturbed or	nust be present,	
Sanuy (sieyeu Matrix (34)						unies	s disturbed of	рговієтнанс.	
Restrictive	Layer (if present):									
Type: sh	ovel refusal		_							
Depth (inc	hes): <u>6</u>		_				Hydric Soil I	Present?	Yes No_	Х
Remarks: N	lo hydric soil indicato	rs observed.								
HYDROLO	GY									
Wetland Hy	drology Indicators	:					<u>s</u>	econdary Ind	icators (2 or more r	equired)
Primary Ind	icators (minimum of	one required; c	heck all that apply	y)				Water Mark	s (B1) (Riverine)	
Surface	Water (A1)		Salt Crus	t (B11)				— Sediment D	eposits (B2) (Riverin	ie)
	ater Table (A2)		Biotic Cru	` '			_		ts (B3) (Riverine)	-,
	ion (A3)			nvertebrates ((B13)		_		atterns (B10)	
	Marks (B1) (Nonrive	rine)		Sulfide Odor	` '		_		Water Table (C2)	
	ent Deposits (B2) (No			Rhizospheres		ina Poo	-tc (C3)		Surface (C7)	
	posits (B3) (Nonrive	,		of Reduced I	•	ing ixoo			` ,	
		erine)			` ,	raila (CC		Crayfish Bu	, ,	om. (CO)
	Soil Cracks (B6)	I (DZ)	· · · · · · · · · · · · · · · · · · ·	on Reduction		olis (Co	P) _		/isible on Aerial Imag	ery (C9)
	ion Visible on Aerial	imagery (B7)		k Surface (C7	,		_	Shallow Aqu	` ,	
Water-S	Stained Leaves (B9)		Other (Ex	plain in Rema	arks)		_	FAC-Neutra	al Test (D5)	
Field Obser	vations:									
Surface Wat	er Present?	res No	Depth (incl	nes):						
Water Table	Present?	res No	Depth (incl	nes):						
Saturation P	resent?	es No	Depth (incl	nes):		Wetla	nd Hydrolo	gy Present?	Yes No	X
(includes ca	pillary fringe)			,	,					
Describe Rec	orded Data (stream	gauge, monitor	ing well, aerial ph	otos, previou	s inspectio	ons), if a	available:			
Remarks: No	wetland hydrology	ndicators obse	rved.							

Project/Site: Southwest Village Speci	ific Plan Project		City/Cour	nty: San Dieg	JO	Sa	mpling Date	e: <u>5/10/</u> 2	23
Applicant/Owner: Tri Point Homes					State:	CA Sa	mpling Poir	nt: <u>55-UI</u>	PL
Investigator(s): Andrew Smisek			Section,	Township, F	Range: Section 31,	T18S R01	W		
Landform (hillslope, terrace, etc.): me	sa		Local re	lief (concave	, convex, none): <u>no</u>	ne	SI	ope (%):	3
Subregion (LRR): <u>C</u>		Lat:	32.55510		Long: -117.0249	4	Dat	um: NAE	083
Soil Map Unit Name: Huerhuero loar	m, 2-9% slopes				NWI clas	sification:	none		
Are climatic / hydrologic conditions or	n the site typical f	or this time o	f year? Yes	x N	o(If no, ex	plain in Rei	marks.)		
Are Vegetation, Soil	, or Hydrology	signif	icantly disturb	ed?	Are "Normal Circum	nstances" p	resent? Ye	es x	No
Are Vegetation, Soil	, or Hydrology	natur	ally problema	tic?	(If needed, explain	any answe	rs in Rema	rks.)	
SUMMARY OF FINDINGS – Atta	ach site man s	showing sa	mnling noi	nt location	s transects imr	ortant fe	atures et	·C	
OOMMAN OF THE MOO ALL	aon site map e	Jilowing 3a	inping por	in location	o, transcoto, imp	ortant io	atures, et		
Hydrophytic Vegetation Present?	Yes	No x	le fi	he Sampled	Area				
Hydric Soil Present?	Yes	No x		nin a Wetlan	Y	es	No	Х	
Wetland Hydrology Present?	Yes	Nox	_						
Remarks: Paired sample point for fe	eature #55.								
VEGETATION – Use scientific r	names of plan	ts.							
Tree Charters (Diet eine	`	Absolute	Dominant	Indicator	Dominance Tes	t workshe	et:		
<u>Tree Stratum</u> (Plot size:1.)	% Cover	Species?	Status	Number of Domi			0	(4)
2					That Are OBL, F	•		0	(A)
3.		-	. ———		Total Number of Species Across A			2	(B)
4.					Percent of Domir		 es		(D)
		-	= Total Cove	 ⊇r	That Are OBL, F	ACW, or FA	AC:	0	(A/B)
Sapling/Shrub Stratum (Plot size:	,) ———	_ 10tai 00v	J1					
1.	′	,			Prevalence Inde	x workshe	eet:		
2.					Total % Cov	er of:	Mul	tiply by:	
3.					OBL species		x 1 =		
4.					FACW species		x 2 =		
5.					FAC species	10	x 3 =	30	
			= Total Cove	er	FACU species		x 4 =		
Herb Stratum (Plot size:)		•		UPL species	81	x 5 =	405	
1. Glebiana coronaria		60	Y	UPL	Column Totals:	91	(A)	435	(B)
2. Avena sp.		20	Y	UPL	Prevalen	ce Index = I	B/A = 4 8		
3. Festuca perennis		10	N	FAC	Trovalori	00 IIIQ0X = 1	D/7 (= 1.0		
4. Bromus diandrus		<1	N	UPL	Hydrophytic Ve	getation In	dicators:		
5					Dominance	e Test is >5	50%		
6					Prevalence	e Index is ≤	3.0 ¹		
7.					Morpholog	•	`		
8			_		data in	Remarks o	r on a sepa	rate she	et)
			= Total Cov	/er	Problemat	ic Hydroph	ytic Vegeta	tion¹ (Ex	plain)
Woody Vine Stratum (Plot size:))							
1					¹ Indicators of hy be present, unle				y must
2					be present, unit	รออ นเอเนเมย	ed of proble	illauc.	
		90	= Total Cove	er	Hydrophytic				
% Bare Ground in Herb Stratum	10 % C	over of Biotic	: Crust		Vegetation Present?	Yes		No x	
				actotics					
Remarks: The sample area does not	suppoπ a predo	minance of h	yuropnytic ve	getation.					

SOIL Sampling Point: 55-UPL

Depth	Matr			Redox Featur	es		_			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ure	Re	emarks
0-18	10YR 4/3	100					sandy c loam	lay		
							-	·		
			-				-			
Type: C=Co	oncentration, D=Deple	etion, RM=Redu	uced Matrix, CS=Cov	vered or Coated S	Sand Grains.	. ² L	Location: Pl		RC=Root Cha	nnel, M=Matrix.
-	il Indicators: (App	licable to all	LRRs, unless of	herwise noted	d.)				blematic Hy	dric Soils³:
Histoso	` '			dy Redox (S5)				cm Muck (As		
	Epipedon (A2)			ped Matrix (S6	,			cm Muck (A		
	Histic (A3)			my Mucky Mine	` '			educed Verti		
	gen Sulfide (A4)	D C)		ny Gleyed Mati				ed Parent Ma		
	ed Layers (A5) (LR luck (A9) (LRR D)	KC)		leted Matrix (F3 ox Dark Surfac			0	iriei (Expiairi	in Remarks)	
	ed Below Dark Sur	face (A11)		leted Dark Surf						
	Dark Surface (A12)	` ,		ox Depressions	` '		3Indica	ators of hydro	ophytic vegeta	ation and
	Mucky Mineral (S1			nal Pools (F9)	- ()				ogy must be p	
	Gleyed Matrix (S4)			,					d or problema	
estrictive	Layer (if present):								
Typo:										
Type: Depth (in- Remarks: I	ches):	ators observe	d.				Hydric Sc	oil Present?	Yes	No <u>x</u>
Depth (in	No hydric soil indic	ators observe	d.				Hydric Sc	oil Present?	Yes	No <u>x</u>
Depth (in:	No hydric soil indica		d.				Hydric Sc			
Depth (in Remarks: I	No hydric soil indicators	ors:					Hydric So	Secondary	r Indicators (2 or more requ
Depth (in Remarks: I YDROLO Wetland H Primary Ind	No hydric soil indicators (minimum	ors:	ed; check all that a				Hydric So	SecondaryWater I	v Indicators (Marks (B1) (R	2 or more requ
Depth (in Remarks: I LYDROLO Wetland H Primary Ind Surface	No hydric soil indicators (minimum e Water (A1)	ors:	ed; check all that a	Crust (B11)			Hydric So	Secondary Water I	v Indicators (Marks (B1) (R ent Deposits (2 or more requiverine) B2) (Riverine)
YDROLO Wetland H Primary Inc. Surfac. High V	No hydric soil indicators (minimum e Water (A1)	ors:	ed; check all that a Salt (Biotic	Crust (B11) Crust (B12)			Hydric So	Secondary Water I Sedime	r Indicators (Marks (B1) (R ent Deposits (eposits (B3) (F	2 or more requ Riverine) B2) (Riverine) Riverine)
YDROLO Wetland H Primary Inc Surfac High V Satura	No hydric soil indicators (minimum e Water (A1) Vater Table (A2) tion (A3)	ors: of one require	ed; check all that a Salt (Biotic Aqua	Crust (B11) Crust (B12) tic Invertebrate			Hydric So	Secondary Water I Sedime Drift De	r Indicators (Marks (B1) (R ent Deposits (eposits (B3) (R ge Patterns (E	2 or more requalitiverine) B2) (Riverine) Riverine) B310)
YDROLO Wetland H Primary Inc Surfac High V Satura Water	No hydric soil indicators (minimum e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonri	ors: of one require verine)	ed; check all that a Salt (Biotic Aqua Hydro	Crust (B11) Crust (B12) tic Invertebrate ogen Sulfide Oc	dor (C1)			Secondary Water I Sedime Drift De	r Indicators (Marks (B1) (R ent Deposits (eposits (B3) (R ge Patterns (E gason Water T	2 or more requirements (iverine) (B2) (Riverine) (Riverine) (310) (able (C2)
YDROLO Wetland H Primary Inc Surfac High V Satura Water Sedim	No hydric soil indicators (minimum e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonrient Deposits (B2) (ors: of one require verine) (Nonriverine)	ed; check all that a Salt (Biotic Aqua Hydro Oxidi:	Crust (B11) Crust (B12) tic Invertebrate ogen Sulfide Oc zed Rhizosphe	dor (C1) res along L	iving Roo		Secondary Water I Sedime Drift De Drainae Dry-Se Thin M	v Indicators (Marks (B1) (R ent Deposits (eposits (B3) (F ge Patterns (E ason Water T uck Surface (2 or more requirements B2) (Riverine) Riverine) 310) Table (C2) C7)
YDROLO Wetland H Primary Ind Surfac High V Satura Water Sedim Drift D	No hydric soil indicators (minimum e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonri ent Deposits (B2) (Nonri eposits (B3) (Nonri	ors: of one require verine) (Nonriverine)	ed; check all that a Salt (Biotic Aqua Hydro Oxidi: Prese	Crust (B11) Crust (B12) tic Invertebrate: ogen Sulfide Oc zed Rhizospher ence of Reduce	dor (C1) res along L ed Iron (C4)	iving Roc	ots (C3)	Secondary Water I Sedime Drift De Drainag Dry-Se Thin M Crayfis	v Indicators (Marks (B1) (R ent Deposits (B2) (F eposits (B3)	2 or more required in the control of
YDROLO Wetland H Primary Inc Surfac High V Satura Water Sedim Drift D Surfac	Wo hydric soil indicators (minimum e Water (A1) Water Table (A2) tion (A3) Marks (B1) (Nonrient Deposits (B2) (eposits (B3) (Nonre e Soil Cracks (B6)	ors: of one require verine) Nonriverine) iverine)	ed; check all that a Salt (Biotic Aqua Hydro Oxidi: Prese Rece	Crust (B11) Crust (B12) tic Invertebrates ogen Sulfide Oc zed Rhizospher ence of Reduce nt Iron Reduction	dor (C1) res along L ed Iron (C4) on in Tilled	iving Roc	ots (C3)	Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat	r Indicators (Marks (B1) (R ent Deposits (B2) (F ge Patterns (E ason Water T uck Surface (G h Burrows (Ci ion Visible on	2 or more requestiverine) B2) (Riverine) Riverine) 310) Table (C2) C7) 8) A Aerial Imagery
YDROLO Wetland H Primary Inc Surfac High V Satura Water Sedim Drift D Surfac Inunda	No hydric soil indicators (minimum e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonri ent Deposits (B2) (Nonri eposits (B3) (Nonri	ors: of one require verine) (Nonriverine) iverine) ial Imagery (B	ed; check all that a Salt (Salt (Biotic Aqua Hydro Oxidi: Prese Rece	Crust (B11) Crust (B12) tic Invertebrate: ogen Sulfide Oc zed Rhizospher ence of Reduce	dor (C1) res along L ed Iron (C4) on in Tilled C7)	iving Roc	ots (C3)	Secondary Water I Sedime Drift De Drainag Dry-Se Thin M Crayfis Saturat Shallov	v Indicators (Marks (B1) (R ent Deposits (B2) (F eposits (B3)	2 or more required tiverine) B2) (Riverine) Riverine) B310) Gable (C2) C7) B) A Aerial Imagery B)
YDROLO Wetland H Primary Inc Surfac High V Satura Water Sedim Drift D Surfac Inunda Water- Field Obse	ydrology Indicated dicators (minimum e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonrient Deposits (B2) (eposits (B3) (Nonre e Soil Cracks (B6) tion Visible on Aer Stained Leaves (Brutanis)	ors: of one require verine) (Nonriverine) iverine) ial Imagery (B	ed; check all that a Salt C Biotic Aqua Hydro Oxidi: Prese Rece Thin I Other	Crust (B11) Crust (B12) tic Invertebrates ogen Sulfide Oc zed Rhizospher ence of Reduce nt Iron Reduction Muck Surface ((Explain in Re	dor (C1) res along L ed Iron (C4) on in Tilled C7)	iving Roc	ots (C3)	Secondary Water I Sedime Drift De Drainag Dry-Se Thin M Crayfis Saturat Shallov	r Indicators (Marks (B1) (R ent Deposits (eposits (B3) (F ge Patterns (E ason Water T uck Surface (G in Burrows (Ci ion Visible on	2 or more required tiverine) B2) (Riverine) Riverine) B310) Gable (C2) C7) B) A Aerial Imagery B)
YDROLO Wetland H Primary Inc Surfac High V Satura Water Sedim Drift D Surfac Inunda Water- Field Obse	Wo hydric soil indicators (minimum e Water (A1) Water Table (A2) tion (A3) Marks (B1) (Nonrient Deposits (B2) (Peposits (B3) (Nonre Soil Cracks (B6) (Nonre Stained Leaves (Bruations:	ors: of one require verine) Nonriverine) iverine) ial Imagery (E	ed; check all that a Salt C Biotic Aqua Hydro Oxidia Prese Rece Thin I Other	Crust (B11) Crust (B12) tic Invertebrate: ogen Sulfide Oc zed Rhizosphei ence of Reduce nt Iron Reduction Muck Surface ((Explain in Re	dor (C1) res along L ed Iron (C4) on in Tilled C7)	iving Roc	ots (C3)	Secondary Water I Sedime Drift De Drainag Dry-Se Thin M Crayfis Saturat Shallov	r Indicators (Marks (B1) (R ent Deposits (eposits (B3) (F ge Patterns (E ason Water T uck Surface (G in Burrows (Ci ion Visible on	2 or more required tiverine) B2) (Riverine) Riverine) B310) Gable (C2) C7) B) A Aerial Imagery B)
YDROLO Wetland H Primary Ind Surfac High V Satura Water Sedim Drift D Surfac Inunda Water- Field Obse Surface Wa	No hydric soil indicators (minimum e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonrient Deposits (B3) (Nonre Soil Cracks (B6) attion Visible on Aer Stained Leaves (Breather Present?	ors: of one require verine) Nonriverine) iverine) ial Imagery (E 9) Yes Yes	ed; check all that a Salt (Biotic Aqua Hydro Oxidi: Prese Rece Thin I Other No Depth No Depth	Crust (B11) Crust (B12) tic Invertebrate: ogen Sulfide Oc zed Rhizosphei ence of Reduce nt Iron Reduction Muck Surface (inches): (inches):	dor (C1) res along L ed Iron (C4) on in Tilled C7)	iving Roc) Soils (C6	ots (C3)	Secondary Water I Sedime Drift De Drainag Dry-Se Thin M Crayfis Saturat Shallov FAC-N	r Indicators (Marks (B1) (R ent Deposits (eposits (B3) (F ge Patterns (E ason Water T uck Surface (c h Burrows (Ci ion Visible on v Aquitard (D3 eutral Test (D	2 or more requirements (2 or more requirements) (2 or more requirements) (3 or more requirements) (3 or more requirements) (3 or more requirements) (3 or more requirements) (4 or more requirements) (5 or more requirements) (5 or more requirements) (6 or more requirements) (6 or more requirements) (6 or more requirements) (7 or more requirements) (8 or more requirements) (8 or more requirements) (8 or more requirements) (8 or more requirements) (9 or more requirements
YDROLO Wetland H Primary Ind Surfac High V Satura Water Sedim Drift D Surfac Inunda Water- Field Obse Surface Wa Water Table Saturation I	No hydric soil indicators (minimum e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonrient Deposits (B3) (Nonre Soil Cracks (B6) attion Visible on Aer Stained Leaves (Breather Present?	ors: of one require verine) Nonriverine) iverine) ial Imagery (E	ed; check all that a Salt (Biotic Aqua Hydro Oxidi: Prese Rece Thin I Other No Depth No Depth	Crust (B11) Crust (B12) tic Invertebrate: ogen Sulfide Oc zed Rhizosphei ence of Reduce nt Iron Reduction Muck Surface ((Explain in Re	dor (C1) res along L ed Iron (C4) on in Tilled C7)	iving Roc) Soils (C6	ots (C3)	Secondary Water I Sedime Drift De Drainag Dry-Se Thin M Crayfis Saturat Shallov	r Indicators (Marks (B1) (R ent Deposits (eposits (B3) (F ge Patterns (E ason Water T uck Surface (c h Burrows (Ci ion Visible on v Aquitard (D3 eutral Test (D	2 or more requirements (2 or more requirements) (310)
Primary Ind Surface High V Satura Water Sedim Drift D Surface Inunda Water- Field Obse Surface Wa Water Table Saturation I includes ca	No hydric soil indicators (minimum e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonrient Deposits (B3) (Nonre Soil Cracks (B6) tion Visible on Aer Stained Leaves (Bresent?	ors: of one require verine) Nonriverine) iverine) ial Imagery (E 9) Yes Yes Yes Yes	ed; check all that a Salt Carlo Biotic Aqua Hydro Oxidi: Prese Rece Rece Thin I Other	Crust (B11) Crust (B12) tic Invertebrate: ogen Sulfide Oc zed Rhizosphei ence of Reduce nt Iron Reduction Muck Surface (i (Explain in Re (inches): (inches):	dor (C1) res along L d Iron (C4) on in Tilled (C7) emarks)	iving Roo) Soils (C6	ots (C3)	Secondary Water I Sedime Drift De Drainag Dry-Se Thin M Crayfis Saturat Shallov FAC-N	r Indicators (Marks (B1) (R ent Deposits (eposits (B3) (F ge Patterns (E ason Water T uck Surface (c h Burrows (Ci ion Visible on v Aquitard (D: eutral Test (D	2 or more requirements (2 or more requirements) (2 or more requirements) (3 or more requirements) (3 or more requirements) (3 or more requirements) (3 or more requirements) (4 or more requirements) (5 or more requirements) (5 or more requirements) (6 or more requirements) (6 or more requirements) (6 or more requirements) (7 or more requirements) (8 or more requirements) (8 or more requirements) (8 or more requirements) (8 or more requirements) (9 or more requirements
YDROLO Wetland H Primary Ind Surfac High V Satura Water Sedim Drift D Surfac Inunda Water- Field Obse Surface Wa Vater Table Saturation I includes ca	No hydric soil indicators (minimum e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonrient Deposits (B3) (Nonre Soil Cracks (B6) tion Visible on Aer Stained Leaves (Barvations: a Present? Present? apillary fringe)	ors: of one require verine) Nonriverine) iverine) ial Imagery (E 9) Yes Yes Yes Yes	ed; check all that a Salt Carlo Biotic Aqua Hydro Oxidi: Prese Rece Rece Thin I Other	Crust (B11) Crust (B12) tic Invertebrate: ogen Sulfide Oc zed Rhizosphei ence of Reduce nt Iron Reduction Muck Surface (i (Explain in Re (inches): (inches):	dor (C1) res along L d Iron (C4) on in Tilled (C7) emarks)	iving Roo) Soils (C6	ots (C3)	Secondary Water I Sedime Drift De Drainag Dry-Se Thin M Crayfis Saturat Shallov FAC-N	r Indicators (Marks (B1) (R ent Deposits (eposits (B3) (F ge Patterns (E ason Water T uck Surface (c h Burrows (Ci ion Visible on v Aquitard (D: eutral Test (D	2 or more requirements (2 or more requirements) (2 or more requirements) (3 or more requirements) (3 or more requirements) (3 or more requirements) (3 or more requirements) (4 or more requirements) (5 or more requirements) (5 or more requirements) (6 or more requirements) (6 or more requirements) (6 or more requirements) (7 or more requirements) (8 or more requirements) (8 or more requirements) (8 or more requirements) (8 or more requirements) (9 or more requirements
YDROLO Wetland H Primary Ind Surfac High V Satura Water Sedim Drift D Surfac Inunda Water- Field Obse Surface Water Vater Table Saturation I includes ca escribe Re	No hydric soil indicators (minimum e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonrient Deposits (B3) (Nonre Soil Cracks (B6) tion Visible on Aer Stained Leaves (Barvations: a Present? Present? apillary fringe)	ors: of one require verine) Nonriverine) iverine) ial Imagery (E 9) Yes Yes Yes Yes Im gauge, mo	ed; check all that a Salt Carlo Biotic Aqua Hydro Oxidi: Prese Rece S7) Thin I Other No Depth No Depth No Depth No Depth nitoring well, aeria	Crust (B11) Crust (B12) tic Invertebrate: ogen Sulfide Oc zed Rhizosphei ence of Reduce nt Iron Reduction Muck Surface (i (Explain in Re (inches): (inches):	dor (C1) res along L d Iron (C4) on in Tilled (C7) emarks)	iving Roo) Soils (C6	ots (C3)	Secondary Water I Sedime Drift De Drainag Dry-Se Thin M Crayfis Saturat Shallov FAC-N	r Indicators (Marks (B1) (R ent Deposits (eposits (B3) (F ge Patterns (E ason Water T uck Surface (c h Burrows (Ci ion Visible on v Aquitard (D: eutral Test (D	2 or more requirements (2 or more requirements) (2 or more requirements) (3 or more requirements) (3 or more requirements) (3 or more requirements) (3 or more requirements) (4 or more requirements) (5 or more requirements) (5 or more requirements) (6 or more requirements) (6 or more requirements) (6 or more requirements) (7 or more requirements) (8 or more requirements) (8 or more requirements) (8 or more requirements) (8 or more requirements) (9 or more requirements
YDROLO Wetland H Primary Ind Surfac High V Satura Water Sedim Drift D Surfac Inunda Water- Sield Obse Surface Water Table Saturation Includes ca	No hydric soil indicators (minimum e Water (A1) Water Table (A2) tion (A3) Marks (B1) (Nonrient Deposits (B3) (Nonrie Soil Cracks (B6) Ation Visible on Aer Stained Leaves (Barvations: Inter Present? Present? Present? Present? Present? Corded Data (streat	ors: of one require verine) Nonriverine) iverine) ial Imagery (E 9) Yes Yes Yes Yes Im gauge, mo	ed; check all that a Salt Carlo Biotic Aqua Hydro Oxidi: Prese Rece S7) Thin I Other No Depth No Depth No Depth No Depth nitoring well, aeria	Crust (B11) Crust (B12) tic Invertebrate: ogen Sulfide Oc zed Rhizosphei ence of Reduce nt Iron Reduction Muck Surface (i (Explain in Re (inches): (inches):	dor (C1) res along L d Iron (C4) on in Tilled (C7) emarks)	iving Roo) Soils (C6	ots (C3)	Secondary Water I Sedime Drift De Drainag Dry-Se Thin M Crayfis Saturat Shallov FAC-N	r Indicators (Marks (B1) (R ent Deposits (eposits (B3) (F ge Patterns (E ason Water T uck Surface (c h Burrows (Ci ion Visible on v Aquitard (D: eutral Test (D	2 or more requirements (2 or more requirements) (2 or more requirements) (3 or more requirements) (3 or more requirements) (3 or more requirements) (3 or more requirements) (4 or more requirements) (5 or more requirements) (5 or more requirements) (6 or more requirements) (6 or more requirements) (6 or more requirements) (7 or more requirements) (8 or more requirements) (8 or more requirements) (8 or more requirements) (8 or more requirements) (9 or more requirements

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	Sampling	Date: <u>5/10/2</u>	23
Applicant/Owner: Tri Point Homes				State: CA	Sampling	Point: 56-UP	PL .
Investigator(s): Andrew Smisek		Section,	Township, R	Range: Section 31, T185	3 R01W		
Landform (hillslope, terrace, etc.): mesa		Local re	lief (concave	, convex, none): none		_Slope (%):	0
Subregion (LRR): C	Lat: 3	32.55507		Long: <u>-117.02478</u>		Datum: NAD	83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classifica	ition: none		
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	x No	o(If no, explain	in Remarks.)		
Are Vegetation, Soilx, _or Hydrology	signifi	cantly disturb	ed?	Are "Normal Circumstan	ces" present?	Yes x	No
Are Vegetation, Soil, or Hydrology	natura	ally problema	tic?	(If needed, explain any a	inswers in Re	marks.)	
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poi	nt location	s, transects, importa	ınt features	, etc.	
Hydrophytic Vegetation Present? Yes	No x	_	ha Camplad	A			
Hydric Soil Present? Yes	No x		he Sampled nin a Wetlan	Yes	No	X	
Wetland Hydrology Present? Yes	No x	_		- ·			
Remarks: Paired sample point for feature #56. VEGETATION – Use scientific names of plants							
<u>Tree Stratum</u> (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test wor			
1.	70 COVE	opecies:	Status	Number of Dominant S That Are OBL, FACW		0	(A)
2.				Total Number of Domi			(' ')
3.				Species Across All Str	rata:	2	(B)
4.				Percent of Dominant S			(A/D)
		= Total Cove	er	That Are OBL, FACW	, or FAC:	0	(A/B)
Sapling/Shrub Stratum (Plot size:)							
1				Prevalence Index wo			
2.				Total % Cover of:		Multiply by:	=
3				· —	0 x1:	-	_
4				· —	2 x 2 : 0 x 3 :		_
5		= Total Cove			22 x 4 :		_
Herb Stratum (Plot size:)		= Total Cove	≓ I	·	5 x 5 :	-	
1. Deinandra fasciculata	2	N	FACU	· —	29 (A)	117	(B)
Mesembryanthemum nodiflorum	10	Y	FACU				_` ′
3. Glebionis coronaria	5	N	UPL	Prevalence Inc	dex = B/A = 4.0	0	=
4. Erodium botrys	10	Υ	FACU	Hydrophytic Vegetat	ion Indicato	rs:	
5. Spergularia bocconi	2	N	FACW	Dominance Tes	st is >50%		
6.				Prevalence Inde	ex is ≤3.0 ¹		
7				Morphological A			
8				data in Rema	arks or on a s	eparate shee	et)
	29	= Total Cov	/er	Problematic Hye	drophytic Veg	jetation¹ (Exp	olain)
Woody Vine Stratum (Plot size:)							
1				¹ Indicators of hydric s be present, unless di			must
2					——————————————————————————————————————		
	29	= Total Cove	er	Hydrophytic Vegetation			
	ver of Biotic				Yes	No x	
Remarks: The sample area does not support a predom	inance of hy	drophytic ve	getation.				

SOIL Sampling Point: 56-UPL

Remarks: No hydric soil indicators observed. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) High Water Table (A2) Saturation (A3) Aquatic Invertebrates (B13) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Thin Muck Surface (C7) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Other (Explain in Remarks) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches):		Matri			edox Features		n the absend		
Type: C-Concentration, D-Depletion, RM-Reduced Matrix, CS-Covered or Coated Sand Grains. Type: C-Concentration, D-Depletion, RM-Reduced Matrix, CS-Covered or Coated Sand Grains. Type: C-Concentration, D-Depletion, RM-Reduced Matrix, CS-Covered or Coated Sand Grains. Thydro Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoscol (A1) Histoscol (A1) Histoscol (A2) Black Histic (A3) Loarny Mucky Mineral (F1) Hydrogen Sulfide (A4) Loarny Mucky Mineral (F1) Loarny Mucky Mineral (F2) Reduced Vertic (F18) Problemated Surface (F7) Thick Dark Surface (A11) Depleted Below Dark Surface (A11) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gieyed Matrix (F3) Sandy Gieyed Matrix (F4) Redox Depressions (F8) Thick Dark Surface (A12) Sandy Gieyed Matrix (F4) Westland Hydrology must be present, unless disturbed or problemate. Restrictive Layer (if present): Type: shovel refusal - compacted Depth (inches): Secondary Indicators (20 or more Water Marks (B1) (Riverine) Surface Water (A1) Saturation (A3) Water Marks (B1) (Nonriverine) Drift Deposits (B2) (Riverine) Drift Deposits (B2) (River		Color (moist)	%	Color (moist)	%Ty	/pe ¹ Loc ²	Text	ure	Remarks
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Sandy Redox (S5) Histosol (A2) Histosol (A2) Stripped Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Depleted Boleo Vark Surface (A11) Depleted Dark Surface (F6) Depleted Boleo Vark Surface (A12) Thick Dark Surface (A12) Sandy Gleyed Matrix (F3) Sandy Gleyed Matrix (F3) Depleted Boleo Vark Surface (A12) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sestrictive Layer (if present): Type: shovel refusal - compacted Depth (inches): 6 Depth (inches): 6 Depth (inches): 6 Surface Water (A1) Surface Water (A1) Surface Water (A1) Surface Water (A1) Surface Water (A1) High Water Table (A2) Solic Crust (B12) Saturation (A3) Myater Table (A2) Seturation (A3) Myater Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Sulface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Sulface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Sulface Soil Cracks (B6) Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches):	0-6	10YR 4/3	100					ay no redo	Σ
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Sandy Redox (S5) Histosol (A1) Sandy Redox (S5) 1 nm Muck (A9) (LRR C) 1 cm Muck (A9) (LRR C) 2 cm Muck (A10) (LRR B) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) 1 nm Muck (A9) (LRR D) Redox Dark Surface (A6) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A12) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (F4) estrictive Layer (if present): Type: shovel refusal - compacted Depth (inches): 6 emarks: No hydric soil indicators observed. POROLOGY Wetland Hydrology Indicators: **Orrow Mater Table (A2) Salt Crust (B12) Surface Water (A1) Surface Vater (A1) Surface Vater M									
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Sandy Redox (S5) Histosol (A1) Sandy Redox (S5) 1 nm Muck (A9) (LRR C) 1 cm Muck (A9) (LRR C) 2 cm Muck (A10) (LRR B) Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) 1 nm Muck (A9) (LRR D) Redox Dark Surface (A6) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A12) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (F4) estrictive Layer (if present): Type: shovel refusal - compacted Depth (inches): 6 emarks: No hydric soil indicators observed. POROLOGY Wetland Hydrology Indicators: **Orrow Mater Table (A2) Salt Crust (B12) Surface Water (A1) Surface Vater (A1) Surface Vater M									
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosci (A1) Sandy Redox (S5) Histosci (A1) Sandy Redox (S5) Sitripped Matrix (S6) Black Histic (A3) Loamy Mucky Mineral (F1) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) Reduced Vertic (F18) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Stratified Layers (A5) (LRR D) Redox Dark Surface (F6) Depleted Bolow Dark Surface (A11) Depleted Dark Surface (F6) Depleted Bolow Dark Surface (A12) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Gleyed Matrix (S4) Sestrictive Layer (if present): Type: shovel refusal - compacted Depth (inches): 6 Depth (inches): 6 Depth (inches): 6 Surface Water (A1) Salt Crust (B11) Hydric Soil Indicators (brinimum of one required; check all that apply) Water Marks (B1) (Riverine) High Water Table (A2) Seturation (A3) Water Table (A2) Seturation (A3) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Crayfish Burrows (C8) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Sulface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Sulface Soil Cracks (B6) Crayfish Burrows (C8) Sulface Soil Cracks (B6) Crayfish Burrows (C8) Sulface Soil Cracks (B6) Crayfish Burrows (C8) Sulface Soil Cracks (B6) Crayfish Burrows (C8) Sulface Soil Cracks (B6) Crayfish Burrows (C8) Sulface Soil Cracks (B6) Crayfish Burrows (C8) Sulface Soil Cracks (B6) Crayfish Burrows (C8) Sulface Soil Cracks (B6) Crayfish Burrows (C8) Sulface Soil Cracks (B6) Crayfish Burrows (C8) Sulface Soil Cracks (B6) Crayfish Burrows (C8) Sulface Noter Present? Yes No Depth (inches): Vater Table Present? Yes No Depth (inches): Vater Table Present? Yes No Depth (inches): Vater Table Present? Yes No Depth (inches): Vater Table Present? Yes No Depth (inches): Vater Table Present? Yes No Depth (inches): Vater Table Present? Yes No Depth (inches): Vater Table Present? Yes No Depth (inches): Vater Table Present					- 				
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temarks: No wetland hydrology indicators observed.	Primary Ind Surface High W Saturat Water I Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P	ydrology Indicator dicators (minimum of Water (A1) Vater Table (A2) dion (A3) Marks (B1) (Nonrivent Deposits (B2) (Proposits (B3) (Nonrivent Deposits (B6) (Nonrivent Depos	verine) Nonriverine) iverine) ial Imagery (B7 9) Yes Yes	Salt Crus Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) ust (B12) invertebrates (En Sulfide Odor Rhizospheres e of Reduced It ron Reduction in ck Surface (C7) xplain in Rema	(C1) along Living F ron (C4) in Tilled Soils () rks)	(C6)	Water Mar Sediment Drift Depos Drainage F Dry-Seaso Thin Muck Crayfish B Saturation Shallow Ad FAC-Neuti	ks (B1) (Riverine) Deposits (B2) (Riverine) Sits (B3) (Riverine) Patterns (B10) In Water Table (C2) Surface (C7) In Water (C8) Visible on Aerial Imagery (Capuitard (D3) I Test (D5)
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Project/Site: Southwest Village Specific Pla	an Project		City/Coun	nty: San Dieg	0	Sampl	ing Date:	5/10/23	3
Applicant/Owner: Tri Point Homes					State: C	CA Sampl	ing Point:	57-UPI	_
Investigator(s): Andrew Smisek			Section,	Township, R	ange: Section 31, T	18S R01W			
Landform (hillslope, terrace, etc.): mesa			Local rel	lief (concave,	convex, none): non	е	Slop	e (%): <u>(</u>)
Subregion (LRR): C		Lat: 3	32.55505		Long: -117.02491		Datun	n: NAD8	33
Soil Map Unit Name: Huerhuero loam, 2-9					NWI classi	ification: non	e		
Are climatic / hydrologic conditions on the s	ite typical for	r this time of	year? Yes	x No	(If no, expl	lain in Remar	ks.)		
Are Vegetation , Soil , or H	Hydrology	signifi	cantly disturb	ed?	Are "Normal Circums	stances" pres	ent? Yes	х	No
Are Vegetation, Soil, or H	lydrology	natura	ally problemat	tic?	(If needed, explain a	ny answers ir	Remarks	.)	
SUMMARY OF FINDINGS – Attach s	site map sh	nowing sa	mpling poi	nt locations	s, transects, impo	ortant featu	res, etc.		
Hydrophytic Vegetation Present? Y	res	No x							
		No x		ne Sampled	YA	s I	No x		
		No x	— with	nin a Wetland	d?				
Remarks: Paired sample point for feature	-		_						
VEGETATION – Use scientific name	s of plants	S. Absolute	Dominant	Indicator	Dominance Test	worksheet:			
Tree Stratum (Plot size:)	% Cover		Status	Number of Domina				
1					That Are OBL, FA			0	(A)
2. 3.					Total Number of D Species Across Al			2	(B)
4.					Percent of Domina			_	
			= Total Cove	er	That Are OBL, FA	CW, or FAC:	-	0	(A/B)
Sapling/Shrub Stratum (Plot size:)								
1					Prevalence Index	worksheet:			
2					Total % Cover		Multip	•	_
3					OBL species		x 1 =		=
4					FACW species		x 2 =		_
5.					FAC species		x 3 =		=
Harle Charters (Diet sine)	`		= Total Cove	er	FACU species		x 4 =	60	_
Herb Stratum (Plot size:)	25	Υ	UPL	UPL species Column Totals:		-	175 235	 (B)
1. Glebianis coronaria		<u>35</u>	N	FACU	Column Totals.	30	(A)	233	_(D)
Erodium botrys Deinandra fasciculata		4	N N	FACU	Prevalence	e Index = B/A	= 4.7		=-
Matricaria discoidea		10	Y	FACU	Hydrophytic Veg	etation Indic	ators:		
-				1700		Test is >50%			
6					l ——	Index is ≤3.0			
7.					Morphologic	cal Adaptation Remarks or or	ns¹ (Provid		
8		50	= Total Cov	/er		: Hydrophytic	•		•
Woody Vine Stratum (Plot size:)								
1. 2.					¹ Indicators of hyd be present, unles	Iric soil and w ss disturbed o	retland hyd r problema	drology atic.	must
		50	= Total Cove	er	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum		ver of Biotic	-		Present?	Yes	No	Х	_
Remarks: The sample area does not support	ort a predom	inance of hy	drophytic ve	getation.					

SOIL Sampling Point: 57-UPL

Profile Des Depth	Matri			Redox Feature								
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu	ıre		Rem	arks	
0-18	10YR 4/3	100					sandy cl loam	ay	no redox			
	-											
Type: C=Co	ncentration, D=Deple	etion, RM=Redu	uced Matrix, CS=Cov	ered or Coated Sa	and Grains.	² L	 _ocation: PL	=Pore Li	ning, RC=F	Root Channe	el, M=Matrix	ζ.
Hydric Soi	I Indicators: (App	licable to all	LRRs, unless oth	nerwise noted.))		Indica	ors for	Problem	atic Hydri	c Soils³:	
Histoso	ol (A1)			ly Redox (S5)			10	m Mucł	(A9) (LR	RC)		
	pipedon (A2)			oed Matrix (S6)					(A10) (L			
	Histic (A3)			ny Mucky Minera	` '				/ertic (F18			
	en Sulfide (A4)	D C)		ny Gleyed Matrix	. ,				it Material			
	ed Layers (A5) (LR luck (A9) (LRR D)	IR C)		eted Matrix (F3) ox Dark Surface			0	ner (⊏xp	olain in Re	emarks)		
	ed Below Dark Sur	face (A11)		eted Dark Surfa								
	Park Surface (A12)	` ,		x Depressions	` '		³ Indica	tors of h	ydrophyti	c vegetation	on and	
	Mucky Mineral (S1			al Pools (F9)	(- /					ust be pre		
	Gleyed Matrix (S4)			, ,				-		roblemation		
lestrictive	Layer (if present)):										
Turnor												
Type: Depth (ind Remarks: N	ches):	ators observe	d.				Hydric So	il Prese	nt? \	/es	No	х
Depth (ind	No hydric soil indica	ators observe	d.				Hydric So	il Prese	nt? Y	/es	No	х
Depth (ind	No hydric soil indica		d.				Hydric So					
Depth (ind Remarks: N TYDROLO Wetland H	No hydric soil indica GY ydrology Indicato	ors:					Hydric So	Secon	dary Indic	cators (2 c	or more re	
Depth (ind Remarks: N YDROLO Wetland H Primary Ind	GY ydrology Indicato	ors:	ed; check all that a				Hydric So	Secono Wa	dary Indio	cators (2 c	or more re	equire
Depth (ind Remarks: N IYDROLO Wetland H Primary Ind Surface	GY ydrology Indicated dicators (minimum e Water (A1)	ors:	ed; check all that a Salt C	rust (B11)			Hydric So	Second Wa	dary Indio ter Marks diment De	cators (2 o	or more re erine)	equire
Depth (ind Remarks: N LYDROLO Wetland H Primary Ind Surface High W	GY ydrology Indicato dicators (minimum e Water (A1) /ater Table (A2)	ors:	ed; check all that a Salt C Biotic	rust (B11) Crust (B12)	(0.10)		Hydric So	Second Wa	dary Indio ter Marks diment De it Deposits	cators (2 o s (B1) (Rive eposits (B2 s (B3) (Riv	or more re erine) ?) (Riverin /erine)	equire
YDROLO Wetland H Primary Inc Surface High W Satura	GY ydrology Indicator dicators (minimum e Water (A1) //ater Table (A2) tion (A3)	ors: of one require	ed; check all that a Salt C Biotic Aquati	rust (B11) Crust (B12) ic Invertebrates	, ,		Hydric So	Secone Wa Sec	dary Indio ter Marks diment De it Deposit iinage Pa	cators (2 o (B1) (Riverposits (B2 s (B3) (Riverposits (B1)	or more re erine) ?) (Riverin verine)	equire
Depth (ind Remarks: N NYDROLO Wetland H Primary Ind Surface High W Satura Water	GY ydrology Indicate dicators (minimum e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonri	ors: of one require verine)	ed; check all that a Salt C Biotic Aquati Hydro	rust (B11) Crust (B12) ic Invertebrates gen Sulfide Odd	or (C1)			Secono Wa Sec Drit Dra Dry	dary Indicter Marks diment De to Deposite dinage Par dir-Season	cators (2 o 6 (B1) (River) eposits (B2 s (B3) (River) tterns (B10 Water Tab	or more reerine) (c) (Riverine) (c) (Riverine) (d) (C)	equire
Depth (ind Remarks: N TYDROLO Wetland H Primary Ind Surface High W Satura Water Sedime	GY ydrology Indicated dicators (minimum e Water (A1) //ater Table (A2) tion (A3) Marks (B1) (Nonrient Deposits (B2) (ors: of one require verine) (Nonriverine)	ed; check all that a Salt C Biotic Aquati Hydro Oxidiz	rust (B11) Crust (B12) ic Invertebrates gen Sulfide Odd ed Rhizosphere	or (C1) es along Li			Second Wa Sec Drit Dra Dry	dary Indicter Marks diment De it Deposits dinage Pa dr-Season n Muck S	cators (2 o 6 (B1) (River) eposits (B2 s (B3) (River) tterns (B10 Water Tab	or more reerine) (c) (Riverine) (c) (Riverine) (d) (C)	equire
YDROLO Wetland H Primary Inc Surface High W Satura Water Sedime	GY ydrology Indicate dicators (minimum e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonri ent Deposits (B2) (eposits (B3) (Nonri	ors: of one require verine) (Nonriverine)	ed; check all that a Salt C Biotic Aquati Hydro Oxidiz Prese	rust (B11) Crust (B12) ic Invertebrates gen Sulfide Odo ed Rhizosphere nce of Reduced	or (C1) es along Li Iron (C4)	ving Roc	ots (C3)	Second Wa Sec Drit Dra Dry Thi	dary India ter Marks diment De it Deposits inage Pa r-Season n Muck S nyfish Bur	cators (2 of the control of the cont	or more reerine) (c) (Riverine) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	equire
YDROLO Wetland H Primary Inc Surfac High W Satura Water Sedime Drift Do Surface	GY ydrology Indicated dicators (minimum e Water (A1) / Ater Table (A2) tion (A3) Marks (B1) (Nonrient Deposits (B2) (eposits (B3) (Nonre e Soil Cracks (B6)	ors: of one require verine) Nonriverine) iverine)	ed; check all that aSalt CBioticAquatiOxidizPresetRecer	rust (B11) Crust (B12) ic Invertebrates gen Sulfide Odo ed Rhizosphere nce of Reduced at Iron Reduction	or (C1) es along Li Iron (C4) n in Tilled	ving Roc	ots (C3)	Secon. Wa See Drit Dra Dry Thi Cra Sat	dary India ter Marks diment De tit Deposits ninage Pa r-Season n Muck S nyfish Buri uration Vi	cators (2 c s (B1) (River) eposits (B2 s (B3) (River) tterns (B10 Water Taburface (C7 rows (C8) isible on A	or more reerine) (c) (Riverine) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	equire
YDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface	GY ydrology Indicate dicators (minimum e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonri ent Deposits (B2) (eposits (B3) (Nonri	ors: of one require verine) (Nonriverine) iverine) ial Imagery (B	ed; check all that a Salt C Biotic Aquati Hydro Oxidiz Prese Recer Thin M	rust (B11) Crust (B12) ic Invertebrates gen Sulfide Odo ed Rhizosphere nce of Reduced	or (C1) es along Li Iron (C4) n in Tilled	ving Roc	ots (C3)	Secone Wa See Drit Dra Dry Thi Cra Sat	dary India ter Marks diment De it Deposits nage Pa r-Season n Muck S nyfish Buri uration Vi allow Aqu	cators (2 of the control of the cont	or more reerine) (c) (Riverine) (d) (d) (d) (d) (d) (d) (e) (d) (e) (e) (e) (f) (e) (e) (f) (e) (f) (f) (f) (f) (f) (f) (f) (f) (f) (f	equire
YDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda Water- Field Obse	GY ydrology Indicated dicators (minimum e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrient Deposits (B2) (Poposits (B3) (Nonre e Soil Cracks (B6) tion Visible on Aer Stained Leaves (Bryations:	ors: of one require verine) (Nonriverine) iverine) ial Imagery (B	ed; check all that a Salt C Biotic Aquati Hydro Oxidiz Presei Recer 37) Other	rust (B11) Crust (B12) ic Invertebrates gen Sulfide Odo ed Rhizosphere nce of Reduced at Iron Reductior fluck Surface (C (Explain in Rem	or (C1) es along Li Iron (C4) n in Tilled	ving Roc	ots (C3)	Secone Wa See Drit Dra Dry Thi Cra Sat	dary India ter Marks diment De it Deposits nage Pa r-Season n Muck S nyfish Buri uration Vi allow Aqu	cators (2 c s (B1) (River) eposits (B2 s (B3) (River) tterns (B10 Water Tab urface (C7 rows (C8) isible on A itard (D3)	or more reerine) (c) (Riverine) (d) (d) (d) (d) (d) (d) (e) (d) (e) (e) (e) (f) (e) (e) (f) (e) (f) (f) (f) (f) (f) (f) (f) (f) (f) (f	equire
YDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda Water- Field Obse	GY ydrology Indicated dicators (minimum e Water (A1) / Ater Table (A2) tion (A3) Marks (B1) (Nonrient Deposits (B2) (Peposits (B3) (Nonre e Soil Cracks (B6) tion Visible on Aer Stained Leaves (Bryations: ter Present?	ors: of one require verine) Nonriverine) iverine) ial Imagery (B 9) Yes	ed; check all that a Salt C Biotic Aquati Hydro Oxidiz Prese Recer Thin M Other No Depth (rust (B11) Crust (B12) ic Invertebrates gen Sulfide Odo ed Rhizosphere nce of Reduced at Iron Reduction fluck Surface (C (Explain in Rem inches):	or (C1) es along Li Iron (C4) n in Tilled	ving Roc	ots (C3)	Secone Wa See Drit Dra Dry Thi Cra Sat	dary India ter Marks diment De it Deposits nage Pa r-Season n Muck S nyfish Buri uration Vi allow Aqu	cators (2 c s (B1) (River) eposits (B2 s (B3) (River) tterns (B10 Water Tab urface (C7 rows (C8) isible on A itard (D3)	or more reerine) (c) (Riverine) (d) (d) (d) (d) (d) (d) (e) (d) (e) (e) (e) (f) (e) (e) (f) (e) (f) (f) (f) (f) (f) (f) (f) (f) (f) (f	equire
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Primary Inc Surface High W Satura Water Sedime Drift De Surface Hunda Water- Field Obse Surface Wa Water Table Saturation F includes ca	GY ydrology Indicated dicators (minimum e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrient Deposits (B2) (Peposits (B3) (Nonre Soil Cracks (B6) tion Visible on Aer Stained Leaves (Barvations: ter Present? Present? Present?	ors: of one require verine) Nonriverine) iverine) ial Imagery (B 9) Yes Yes Yes Yes	ed; check all that a Salt C Biotic Aquati Hydro Oxidiz Prese Recer Recer Thin M Other No Depth (No Depth (rust (B11) Crust (B12) ic Invertebrates igen Sulfide Odc ed Rhizosphere ince of Reduced it Iron Reduction fluck Surface (C (Explain in Rem inches): inches):	or (C1) es along Li Iron (C4) n in Tilled e7) narks)	ving Roc Soils (C6	ots (C3)	Seconomy Water Seconomy Train Crain Sater Share FAre	dary India ter Marks diment De it Deposits ninage Pa r-Season n Muck S nyfish Burr uration Vi allow Aqu C-Neutral	cators (2 of the cators) (2 of	or more re erine) () (Riverine) ()) ()) ()) ()) ()) ()) ()) ())	equire
YDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda Water- Field Obse Surface Wa Water Table Saturation F includes ca	GY ydrology Indicated dicators (minimum e Water (A1) / Ater Table (A2) tion (A3) Marks (B1) (Nonrient Deposits (B2) (Peposits (B3) (Nonre Stained Leaves (Barvations: ter Present? Present?	ors: of one require verine) Nonriverine) iverine) ial Imagery (B 9) Yes Yes Yes Yes	ed; check all that a Salt C Biotic Aquati Hydro Oxidiz Prese Recer Recer Thin M Other No Depth (No Depth (rust (B11) Crust (B12) ic Invertebrates igen Sulfide Odc ed Rhizosphere ince of Reduced it Iron Reduction fluck Surface (C (Explain in Rem inches): inches):	or (C1) es along Li Iron (C4) n in Tilled e7) narks)	ving Roc Soils (C6	ots (C3)	Seconomy Water Seconomy Train Crain Sater Share FAre	dary India ter Marks diment De it Deposits ninage Pa r-Season n Muck S nyfish Burr uration Vi allow Aqu C-Neutral	cators (2 of the cators) (2 of	or more reerine) (c) (Riverine) (d) (d) (d) (erine) (erine) (f) (erial Imag	equire
YDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda Water- Field Obse Surface Water Table Saturation Fincludes ca	GY ydrology Indicated dicators (minimum e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrient Deposits (B2) (Peposits (B3) (Nonre e Soil Cracks (B6) tion Visible on Aer Stained Leaves (Barvations: ter Present? Present? Present? pillary fringe) corded Data (streat	verine) Nonriverine) iverine) ial Imagery (B 9) Yes Yes Yes Yes Im gauge, more	ed; check all that a Salt C Biotic Aquati Hydro Oxidiz Presel Recer Recer Thin M Other No Depth (No Depth (No Depth (nitoring well, aeria	rust (B11) Crust (B12) ic Invertebrates igen Sulfide Odc ed Rhizosphere ince of Reduced it Iron Reductior fluck Surface (C (Explain in Rem inches): inches):	or (C1) es along Li Iron (C4) n in Tilled e7) narks)	ving Roc Soils (C6	ots (C3)	Seconomy Water Seconomy Train Crain Sater Share FAre	dary India ter Marks diment De it Deposits ninage Pa r-Season n Muck S nyfish Burr uration Vi allow Aqu C-Neutral	cators (2 of the cators) (2 of	or more reerine) (c) (Riverine) (d) (d) (d) (erine) (erine) (f) (erial Imag	equire
YDROLO Wetland H Primary Inc Surface High W Satura Water Sedime Drift De Surface Inunda Water- Field Obse Surface Water Table Saturation F Sincludes ca	GY ydrology Indicated dicators (minimum e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrient Deposits (B2) (Peposits (B3) (Nonre Soil Cracks (B6) tion Visible on Aer Stained Leaves (Barvations: ter Present? Present? Present?	verine) Nonriverine) iverine) ial Imagery (B 9) Yes Yes Yes Yes Im gauge, more	ed; check all that a Salt C Biotic Aquati Hydro Oxidiz Presel Recer Recer Thin M Other No Depth (No Depth (No Depth (nitoring well, aeria	rust (B11) Crust (B12) ic Invertebrates igen Sulfide Odc ed Rhizosphere ince of Reduced it Iron Reductior fluck Surface (C (Explain in Rem inches): inches):	or (C1) es along Li Iron (C4) n in Tilled e7) narks)	ving Roc Soils (C6	ots (C3)	Seconomy Water Seconomy Train Crain Sater Share FAre	dary India ter Marks diment De it Deposits ninage Pa r-Season n Muck S nyfish Burr uration Vi allow Aqu C-Neutral	cators (2 of the cators) (2 of	or more reerine) (c) (Riverine) (d) (d) (d) (erine) (erine) (f) (erial Imag	equire

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	0	Sampling Date: 6/	16/23
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point: 58	B-UPL
Investigator(s): Andrew Smisek		Section,	Township, R	lange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local rel	ief (concave	, convex, none): none	Slope (%):
Subregion (LRR): C	Lat:	32.55522		Long: -117.02482	Datum: N	NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classification	on: none	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	xNo	o(If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	cantly disturb	ed?	Are "Normal Circumstance	es" present? Yes	x No
Are Vegetation, Soil, or Hydrology	natura	ally problemat	ic?	(If needed, explain any an	swers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poir	nt location	s, transects, importan	nt features, etc.	
Hydrophytic Vegetation Present? Yes x	No					
Hydric Soil Present? Yes	No x		ne Sampled nin a Wetlan	Yes	No x	
Wetland Hydrology Present? Yes	No x	Witi	iii a wellan	ur —		
Remarks: Paired sample point for feature #58. VEGETATION – Use scientific names of plants	S.					
Trace Characterism (Diet sine)	Absolute	Dominant	Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size:) 1.	% Cover	Species?	Status	Number of Dominant S That Are OBL, FACW,		(A)
2.				Total Number of Domin Species Across All Stra	ant	, ` ,
3				Percent of Dominant Sp		(B)
Sapling/Shrub Stratum (Plot size:)		= Total Cove	er	That Are OBL, FACW,		(A/B)
				Prevalence Index wor	ksheet	
2.				Total % Cover of:	Multiply b	y:
3.			-	OBL species	x 1 =	
4.				FACW species	x 2 =	
5.				FAC species	x 3 =	
		= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Erodium botrys	5	N	FACU	Column Totals:	(A)	(B)
2. Festuca perennis	60	Y	FAC	Prevalence Inde	ex = B/A =	
3. Hordeum marinum	15	N	FAC			
4. Rumex crispus	1	N	FAC	Hydrophytic Vegetation	on Indicators:	
5				Dominance Test		
6.				Prevalence Index		
7. 8.					daptations ¹ (Provide s rks or on a separate s	11 0
Woody Vine Stratum (Plot size:)	81	= Total Cov	rer	Problematic Hydi	rophytic Vegetation ¹ ((Explain)
1.				¹ Indicators of hydric so be present, unless dist		
2	81	= Total Cove				
% Bare Ground in Herb Stratum % Co	ver of Biotic		;1	Hydrophytic Vegetation Present? Y	es x No	
Remarks: The sample area supports a predominance of		-				
The sample and supported a prodoffin fairful C	, G. Opriyt					

SOIL Sampling Point: 58-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Feature						
(inches)	Color (moist)	% (Color (moist)	%	Type ¹	Loc ²	Textur	e	Rema	ırks
0-18	10YR 3/3	100					sandy cla	У		
								<u> </u>		
						 -				
-	· 						-			
-	· 									
¹ Type: C=Co	ncentration, D=Depletion	. RM=Reduced N	Matrix. CS=Covere	d or Coated S	and Grains.	² L	ocation: PL=	Pore Linina. F	C=Root Channe	I. M=Matrix.
	I Indicators: (Applica	•							lematic Hydri	
		able to all Liviv			•,				-	oons .
Histoso	` '			Redox (S5)				n Muck (A9)	` ,	
	Epipedon (A2)			Matrix (S6)				n Muck (A10		
	listic (A3)			Mucky Miner				uced Vertic		
	en Sulfide (A4)			Gleyed Matri				Parent Mat		
	ed Layers (A5) (LRR (()	Deplete	d Matrix (F3))		Oth	er (Explain iı	n Remarks)	
	uck (A9) (LRR D)			Dark Surface						
Deplete	ed Below Dark Surface	e (A11)	Deplete	d Dark Surfa	ace (F7)					
Thick D	ark Surface (A12)		Redox [Depressions	(F8)		3Indicato	ors of hydrop	hytic vegetatio	n and
Sandy	Mucky Mineral (S1)		Vernal F	Pools (F9)			wetla	and hydrolog	y must be pres	sent,
	Gleyed Matrix (S4)								or problematic	
	Layer (if present):									
Type:										
Depth (inc	ches):						Hydric Soil	Present?	Yes	No x
Domorko: N	lo hydric soil indicator	o obconied								
rtomanto.	to riyano son maloator	o obocivea.								
HYDROLO	GY									
Wetland H	ydrology Indicators:						9	Secondary I	ndicators (2 c	r more required)
Primary Ind	licators (minimum of c	ne required; ch	eck all that appl	y)				Water Ma	arks (B1) (Rive	erine)
-	e Water (A1)		Salt Crus					Sedimen	t Deposits (B2)	(Riverine)
	/ater Table (A2)			. ,			_			
	` '		Biotic Cru		(D.10)		_		osits (B3) (Riv	
	tion (A3)			nvertebrates	` '		_		Patterns (B10	,
Water I	Marks (B1) (Nonriver	ine)	Hydrogei	n Sulfide Od	or (C1)		_	Dry-Seas	son Water Tab	e (C2)
Sedime	ent Deposits (B2) (No	nriverine)	Oxidized	Rhizosphere	es along Liv	ving Roo	ts (C3)	Thin Mud	k Surface (C7))
Drift De	eposits (B3) (Nonrive	rine)	Presence	e of Reduced	d Iron (C4)			Cravfish	Burrows (C8)	
	e Soil Cracks (B6)	,		on Reductio	` '	Soils (C6	_			erial Imagery (C9)
	, ,	magan, (D7)				00) 81106	_			chai imagery (00)
	tion Visible on Aerial I	magery (B7)		k Surface (C	•		_		Aquitard (D3)	
Water-	Stained Leaves (B9)		Other (Ex	kplain in Ren	narks)		_	FAC-Neu	ıtral Test (D5)	
Field Obser	rvations:									
		es No	Depth (inc	has).						
			' ` `	· -						
Water Table		es No	· `	· -				_		
Saturation F		es No	Depth (inc	hes):		Wetlar	nd Hydrolo	gy Present	? Yes	Nox
	pillary fringe)									
Describe Red	corded Data (stream o	gauge, monitorii	ng well, aerial ph	notos, previo	us inspection	ons), if a	vailable:			
Remarks: No	o wetland hydrology ir	ndicators observ	ved.							

Project/Site: Southwest Village Specific Plan Project		City/County	/: San Dieg	0	Saı	mpling Date	5/10/2	:3
Applicant/Owner: Tri Point Homes				State:	CA Sai	mpling Poin	:: <u>68-UP</u>	L
Investigator(s): Andrew Smisek		Section, T	ownship, R	ange: Section 31,	T18S R01\	N		
Landform (hillslope, terrace, etc.): mesa		Local relie	ef (concave,	convex, none): no	ne	Slo	pe (%):	2
Subregion (LRR): C	Lat:	32.55462		Long: <u>-117.0236</u>	3	Datu	ım: <u>NAD</u>	83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI clas	sification: r	none		
Are climatic / hydrologic conditions on the site typical f	or this time of	f year? Yes _	x No	o(If no, exp	olain in Rer	marks.)		
Are Vegetation, Soilx,or Hydrology	signif	icantly disturbe	d?	Are "Normal Circum	stances" p	resent? Yes	s <u>x</u>	No
Are Vegetation, Soil, or Hydrology	natur	ally problemation	?	(If needed, explain a	any answer	s in Remark	s.)	
SUMMARY OF FINDINGS – Attach site map s	showing sa	mpling poin	location	s, transects, imp	ortant fea	atures, etc	: .	
Hydrophytic Vegetation Present? Yes	No x			_				
Hydric Soil Present? Yes	No x		e Sampled n a Wetlan	Y	es	No >	(
Wetland Hydrology Present? Yes	No x	with	ii a vveliaii	ur				
Remarks: Paired sample point for feature #68.								
VEGETATION – Use scientific names of plan		_						
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Tes				
1.	70 00101	Ороснос.	Otatao	Number of Domir That Are OBL, FA			0	(A)
2.				Total Number of				(')
3.				Species Across A	All Strata:		1	(B)
4.	= 			Percent of Domir	ant Specie	es	•	(A /D)
		= Total Cover		That Are OBL, FA	ACW, or FA	AC:	0	(A/B)
Sapling/Shrub Stratum (Plot size:)							
1				Prevalence Inde		et:		
2				Total % Cove			ply by:	
3				OBL species	0	_ x1=	0	<u>—</u> ,
4	_			FACW species	0	_ x 2 =	0	<u>—</u>
5				FACIL appairs	5	_ x 3 =	15	 -
Llorb Stratum (Diet eizer		= Total Cover		FACU species	38 5	_ x 4 =	152 25	<u>—</u>
Herb Stratum (Plot size:) 1. Bromus rubens	5	N	UPL	UPL species Column Totals:	48	_ x 5 = (A)	192	(B)
Festuca perennis	<u>5</u>		FAC	Column Totals.	40	_ (^)	132	(D)
Deinandra fasciculata	3		FACU	Prevalend	ce Index = E	B/A = <u>4</u>		<u>—</u>
Erodium botrys	30	<u> </u>	FACU	Hydrophytic Ve	notation In	dicators:		
5. Mesembryanthemum nodiflorium	5		FACU	Dominance	•			
6. Acmispon micranthus	3		NI	Prevalence				
7.				Morpholog	ical Adapta	utions¹ (Prov r on a separ		
8.	 51	= Total Cove	r			/tic Vegetati		•
Woody Vine Stratum (Plot size:		. 5.0. 5570	-	i iobieillati	o i iyalopii)	, no vegetati	οι (∟ λμ	naii ij
1.				¹ Indicators of hy	dric soil an	d wetland h	ydroloav	must
2.				be present, unle				
	51	= Total Cover		Hydrophytic				
				Vegetation				
% Bare Ground in Herb Stratum % C	over of Biotic	Crust		Present?	Yes	N	lo <u>x</u>	
Remarks: The sample area does not support a predo	minance of h	ydrophytic vege	etation.	•				

SOIL Sampling Point: 68-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Features				
(inches)	Color (moist)	%	Color (moist)	<u>%</u> T	ype ¹ L	.0C ²	Texture	Remarks
0-18	10YR 4/3	100					clay loam	no redox
		· · · · · · · · · · · · · · · · · · ·						
								_
				· 				
				· 				
	-						-	-
								_
¹ Type: C=Co	ncentration, D=Depletion	n, RM=Reduce	ed Matrix, CS=Covere	d or Coated San	nd Grains.	² L	ocation: PL=Pore	e Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applic	able to all L	RRs, unless other	wise noted.)			Indicators f	or Problematic Hydric Soils ³ :
Histoso	l (A1)		Sandy I	Redox (S5)			1 cm Mi	uck (A9) (LRR C)
Histic E	pipedon (A2)		Stripped	d Matrix (S6)			2 cm Mu	uck (A10) (LRR B)
	listic (A3)		Loamy	Mucky Mineral	l (F1)		Reduce	d Vertic (F18)
Hydroge	en Sulfide (A4)		Loamy	Gleyed Matrix	(F2)			rent Material (TF2)
	d Layers (A5) (LRR	C)		d Matrix (F3)			Other (E	Explain in Remarks)
	uck (A9) (LRR D)			Dark Surface (` '			
	d Below Dark Surfac	ce (A11)		d Dark Surfac			31 11 /	
	ark Surface (A12)			Depressions (F	F8)			of hydrophytic vegetation and
	Mucky Mineral (S1)		vernari	Pools (F9)				hydrology must be present, listurbed or problematic.
	Gleyed Matrix (S4)						uriless u	isturbed of problematic.
	Layer (if present):							
Type:								
Depth (inc	hes):						Hydric Soil Pre	sent? Yes No x
HYDROLO								
	ydrology Indicators							ondary Indicators (2 or more required)
	icators (minimum of	one required						Water Marks (B1) (Riverine)
	e Water (A1)		Salt Crus	` '				Sediment Deposits (B2) (Riverine)
	ater Table (A2)			ust (B12)				Orift Deposits (B3) (Riverine)
	ion (A3)			nvertebrates (,			Orainage Patterns (B10)
	Marks (B1) (Nonrive			n Sulfide Odor				Ory-Season Water Table (C2)
	ent Deposits (B2) (N o	•		Rhizospheres	•	ng Roc	· · · —	Thin Muck Surface (C7)
	eposits (B3) (Nonrive	erine)		e of Reduced I	` '			Crayfish Burrows (C8)
	e Soil Cracks (B6)			ron Reduction		oils (C6		Saturation Visible on Aerial Imagery (C9)
	ion Visible on Aerial	0 , .	, <u>—</u>	ck Surface (C7				Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (E	xplain in Rema	arks)			FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat			No Depth (inc					
Water Table	Present?	Yes	No Depth (inc	:hes):				
Saturation P		Yes	No Depth (inc	:hes):		Wetla	nd Hydrology	Present? YesNo x
	pillary fringe)		rada arrada la l			> '6 -		
Describe Rec	corded Data (stream	gauge, monii	toring well, aerial pl	notos, previous	s inspection	ns), if a	vailable:	
Remarks: No	wetland hydrology	indicators obs	served.					
	, 0,							

Project/Site: Southwest Village Specif	ic Plan Project		City/Coun	ity: San Dieg	0	Sar	npling Date	: 5/10/2	23
Applicant/Owner: Tri Point Homes					State:	CA Sar	npling Poin	t: <u>70-UF</u>	PL
Investigator(s): Andrew Smisek			Section,	Township, R	Range: Section 31,	T18S R01V	V		
Landform (hillslope, terrace, etc.): mes	sa		Local rel	lief (concave	, convex, none): <u>no</u>	ne	Slc	pe (%):	0
Subregion (LRR): C		Lat:	32.55453		Long: -117.0232	9	Datu	ım: <u>NAD</u>	83
Soil Map Unit Name: Huerhuero loan	n, 2-9% slopes				NWI clas	sification: n	ione		
Are climatic / hydrologic conditions on	the site typical for	or this time o	f year? Yes	x No	o(If no, ex	plain in Ren	narks.)		
Are Vegetation, Soilx,	or Hydrology	signif	icantly disturb	ed?	Are "Normal Circun	nstances" pi	resent? Ye	s <u>x</u>	No
Are Vegetation, Soil	<u>,</u> or Hydrology _	natur	ally problemat	tic?	(If needed, explain	any answer	s in Remarl	ks.)	
SUMMARY OF FINDINGS – Atta	ch site map s	showing sa	mpling poi	nt location	s, transects, imp	ortant fea	atures, etc	.	
Hydrophytic Vegetation Present?	Yes	No x		Camanda d	A				
Hydric Soil Present?	Yes	No x		ne Sampled nin a Wetlan	Y	es	No	(
Wetland Hydrology Present?	Yes	No x		iii a wedan	u:				
VEGETATION – Use scientific n	ames of plan		Barriage	L. F. d.	I Daniero Tar				
Tree Stratum (Plot size:1.)	Absolute % Cover	Dominant Species?	Indicator Status	Number of Domi That Are OBL, F.	nant Specie	S	1	(A)
2. 3.					Total Number of Species Across			2	(B)
4.		-			Percent of Domir				
			= Total Cove	er	That Are OBL, F.	ACW, or FA	.C:	50	(A/B)
Sapling/Shrub Stratum (Plot size: _))							
1					Prevalence Inde				
2.					Total % Cov			iply by:	_
3.					OBL species FACW species	0	x1=	0	_
4.		_			FAC v species _	10	x 2 = x 3 =	30	
5			= Total Cove		FACU species	26	x 4 =	104	
Herb Stratum (Plot size:)		= 10tal Cove	7 1	UPL species	15	x 5 =	75	
Mesembranthemum nodiflorum		5	N	FACU	Column Totals:	51	(A)	209	(B)
2. Erodium botrys		15	Υ	FACU	Dravalan	aa laday - C			
3. Deinandra fasciculata		1	N	FACU	Prevalen	ce Index = E	6/A = 4.1		_
4. Festuca perennis		10	N	FAC	Hydrophytic Ve	getation In	dicators:		
5. Hordeum murinum		5	N	FACU	Dominance	e Test is >5	0%		
6. Bromus rubens		15	Y	UPL	Prevalence	e Index is ≤	3.0 ¹		
7 8.					<u> </u>	jical Adapta Remarks or	`		
Woody Vine Stratum (Plot size:)	51	= Total Cov	/er	Problemat	ic Hydrophy	tic Vegetati	on¹ (Exp	olain)
1					¹ Indicators of hy be present, unle				must
		51	= Total Cove	er	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum	49 % C	over of Biotic	Crust		Present?	Yes		lo <u>x</u>	
Remarks: The sample area does not	support a predo	minance of h	ydrophytic veç	getation.					

SOIL Sampling Point: 70-UPL

Depth	cription: (Descril Mat		AII HEEQ		ent the inc edox Featu		COMMIT	ii uie absen	ice of in	uicators.	,		
(inches)	Color (moist)		Co	lor (moist)	%	Type ¹	Loc ²	Tex	ture		Rem	arks	
0-18	10YR 3/3	100		, ,				sandy	clav	no redox	, compact		
 							-	<u> </u>	<u>,</u>		, compact		
-		 -											
	· ·												
1Type: C=Co	ncentration, D=Dep	letion RM-Re	duced Mat	riv CS-Covere	d or Coated	Sand Grain		² Location: F	PI -Pore I	ining RC-I	Root Chann	el M-Ma	triv
	I Indicators: (Ap										natic Hydr		
Histoso		p	,		Redox (S5)					:k (A9) (LF			•
	pipedon (A2)				Matrix (Se					k (A3) (Li k (A10) (L			
	listic (A3)				Mucky Min	,				Vertic (F1			
	en Sulfide (A4)				Gleyed Ma					nt Materia	,		
	ed Lavers (A5) (Lf	RR C)			d Matrix (F	, ,				plain in Re	. ,		
	uck (A9) (LRR D)	,			Dark Surfac	,		<u> </u>	, u. 101 (L)	piairiiri	omamoj		
	ed Below Dark Su				d Dark Sur	, ,							
	ark Surface (A12				Depression			³ Indic	ators of	hydrophyt	ic vegetati	on and	
	Mucky Mineral (S				Pools (F9)	,					nust be pre		
Sandy	Gleyed Matrix (S4	4)			` ,						oroblemati		
Restrictive	Layer (if present	t)-											
Type:	Layer (ii presen	٠,٠											
Depth (inc	phool:							Hydric S	oil Droo	nn+2 '	Yes	No	х
Remarks: N	lo hydric soil indic	cators observ	ed.										
İ													
HYDROLO	CV												
	ydrology Indicat	ore:							Sacar	ndary Indi	cators (2	or more	required)
			rad: abac	ok all that appl									requireu)
	licators (minimum	i oi one requi	rea, criec								s (B1) (Riv	•	
	e Water (A1)			Salt Crus	. ,						eposits (B2		ine)
	/ater Table (A2)			Biotic Cru	` ,						s (B3) (Ri	,	
	tion (A3)				nvertebrate						itterns (B1		
	Marks (B1) (Nonr				n Sulfide O					-	Water Tal	, ,	
	ent Deposits (B2)))	Oxidized	Rhizosphe	eres along	Living F	Roots (C3)			Surface (C	•	
Drift De	eposits (B3) (Non	riverine)		Presence	of Reduce	ed Iron (C	4)		Cı	ayfish Bur	rows (C8)		
Surface	e Soil Cracks (B6))		Recent I	on Reduct	ion in Tille	d Soils	(C6)	Sa	aturation V	isible on A	erial Ima	agery (C9)
Inunda	tion Visible on Ae	rial Imagery	(B7)	Thin Muc	k Surface	(C7)			Sł	nallow Aqu	itard (D3)		
Water-	Stained Leaves (E	39)		Other (Ex	kplain in Re	emarks)			F	AC-Neutra	Test (D5))	
Field Obser	rvations:												
	ter Present?	Yes	No	Depth (inc	hes):								
Water Table		Yes					_						
Saturation F		Yes					We	tland Hydro	ology P	resent?	Yes	No	x
	pillary fringe)	103	_ 110	Bopin (inc	1103).		_ '''	tiana nyan	ology i	CSCIII:	103	110	
	corded Data (stream	am gauge, m	onitorina	well, aerial pl	notos, prev	ious inspe	ctions).	if available:					
	(33.,	3	,			,,						
Remarks: No	o wetland hydrolo	gy indicators	observe	d.									

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	0	Sampling Date: 6/16/23
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 76-UPL
Investigator(s): Andrew Smisek		Section,	Township, F	Range: Section 31, T18S	R01W
Landform (hillslope, terrace, etc.): mesa		Local re	lief (concave	, convex, none): none	Slope (%): 0
Subregion (LRR): C	Lat:				Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classificati	ion: none
Are climatic / hydrologic conditions on the site typical for	or this time of	fyear? Yes	x N	o (If no, explain ir	n Remarks.)
Are Vegetation, Soil, or Hydrology _					es" present? Yes x No
Are Vegetation , Soil , or Hydrology				(If needed, explain any an	nswers in Remarks.)
SUMMARY OF FINDINGS – Attach site map s				s, transects, importar	nt features, etc.
Hydrophytic Vegetation Present? Yes x	No			_	
Hydric Soil Present? Yes	No x		ne Sampled	YAS	No x
Wetland Hydrology Present? Yes		witr	nin a Wetlan	a? —	<u> </u>
Remarks: Paired sample point for feature #76. VEGETATION – Use scientific names of plant	s.				
	Absolute	Dominant	Indicator	Dominance Test work	sheet:
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant S	
1				That Are OBL, FACW, Total Number of Domin	nant
3				Species Across All Stra	(D)
4	· ———			Percent of Dominant Sp That Are OBL, FACW,	
Capling/Chrush Ctratum (Diet aire)		= Total Cove	er	, ,	
Sapling/Shrub Stratum (Plot size:)				Prevalence Index wor	·kehoot:
1. 2.				Total % Cover of:	Multiply by:
				OBL species	x 1 =
4.				FACW species	
5.				FAC species	_
		= Total Cove	er	FACU species	x 4 =
Herb Stratum (Plot size:)				UPL species	x 5 =
1. Hordeum marinum	2	N	FAC	Column Totals:	(A)(B)
2. Festuca perennis	60	Y	FAC	Prevalence Inde	ex = B/A =
3. Avena sp.	1	N	UPL		
4. Erodium botrys	5	N	FACU	Hydrophytic Vegetation	on Indicators:
5				Dominance Test	is >50%
6.				Prevalence Index	
7. 8.					daptations ¹ (Provide supporting rks or on a separate sheet)
	68	= Total Cov	/er	Problematic Hyd	rophytic Vegetation1 (Explain)
Woody Vine Stratum (Plot size:)					
1	·			¹ Indicators of hydric so be present, unless dis	oil and wetland hydrology must turbed or problematic.
	68	= Total Cove	er	Hydrophytic Vegetation	
% Bare Ground in Herb Stratum % Co	over of Biotic	Crust		Present? Y	'esx No
Remarks: The sample area supports a predominance	of hydrophyt	ic vegetation.			

SOIL Sampling Point: 76-UPL

Depth	Matrix		Re	dox Feature			=	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-8	10YR 3/3	100					sandy clay	
·			,					
							<u> </u>	
	centration, D=Depletion					S. ²		ore Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applic	able to all L	RRs, unless other	wise noted	.)		Indicators	s for Problematic Hydric Soils ³ :
Histosol	(A1)		Sandy R	ledox (S5)			1 cm l	Muck (A9) (LRR C)
Histic Ep	pipedon (A2)		Stripped	Matrix (S6))		2 cm I	Muck (A10) (LRR B)
Black His	stic (A3)		Loamy N	/lucky Miner	ral (F1)		Reduc	ced Vertic (F18)
Hydroge	n Sulfide (A4)		Loamy C	Sleyed Matri	ix (F2)		Red F	Parent Material (TF2)
Stratified	l Layers (A5) (LRR (C)	Depleted	d Matrix (F3)	5)		Other	(Explain in Remarks)
1 cm Mu	ick (A9) (LRR D)		Redox D	ark Surface	e (F6)			
Depleted	d Below Dark Surfac	e (A11)	Depleted	d Dark Surfa	ace (F7)			
Thick Da	ark Surface (A12)		Redox D	epressions	(F8)		3Indicators	of hydrophytic vegetation and
Sandy M	lucky Mineral (S1)		Vernal P	ools (F9)			wetlan	d hydrology must be present,
Sandy G	Bleyed Matrix (S4)						unless	disturbed or problematic.
Restrictive I	ayer (if present):							
Type:	ayer (ii present).							
турс.								
Donth (inch							Lividria Cail D	recent? Ves Ne v
Depth (inch	nes):o hydric soil indicato	rs observed.	_				Hydric Soil P	resent? Yes No x
Remarks: No	o hydric soil indicato	rs observed.					Hydric Soil P	resent? Yes No x
Remarks: No	b hydric soil indicato						,	resent? Yes No x
Remarks: No IYDROLOG Wetland Hy	b hydric soil indicato SY drology Indicators	·		y)			,	condary Indicators (2 or more require
Remarks: No IYDROLOG Wetland Hy Primary India	b hydric soil indicato SY drology Indicators cators (minimum of o	·	; check all that appl				,	condary Indicators (2 or more require Water Marks (B1) (Riverine)
Remarks: No IYDROLOG Wetland Hy Primary Indic Surface	b hydric soil indicato GY drology Indicators cators (minimum of o	·	; check all that apply	t (B11)			,	condary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
IYDROLOG Wetland Hy Primary Indic Surface High Wa	drology Indicators cators (minimum of of Water (A1) ater Table (A2)	·	; check all that apply Salt Crus Biotic Cru	t (B11) ist (B12)	(P42)		,	condary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
IYDROLOG Wetland Hy Primary Indic Surface High Wa	drology Indicators cators (minimum of of Water (A1) ater Table (A2) on (A3)	: one required	; check all that apply Salt Crus Biotic Cru Aquatic Ir	t (B11) st (B12) nvertebrates			,	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
IYDROLOG Wetland Hy Primary Indic Surface High Wa Saturatic Water M	drology Indicators cators (minimum of of Water (A1) ater Table (A2) on (A3) larks (B1) (Nonriver	: one required	; check all that apply Salt Crus Biotic Cru Aquatic Ir Hydroger	t (B11) ist (B12) nvertebrates n Sulfide Od	lor (C1)		<u>Se</u>	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
IYDROLOG Wetland Hy Primary India Surface High Wa Saturatio Water M Sedimer	drology Indicators cators (minimum of of Water (A1) ater Table (A2) on (A3) larks (B1) (Nonriver nt Deposits (B2) (No	: one required rine) nriverine)	; check all that apply Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized	t (B11) ast (B12) avertebrates a Sulfide Od Rhizospher	lor (C1) es along	_	<u>Se</u>	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
IYDROLOG Wetland Hy Primary India Surface High Wa Saturatio Water M Sedimer	drology Indicators cators (minimum of of Water (A1) ater Table (A2) on (A3) larks (B1) (Nonriver	: one required rine) nriverine)	; check all that apply Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized	t (B11) ist (B12) nvertebrates n Sulfide Od	lor (C1) es along	_	<u>Se</u>	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
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IYDROLOG Wetland Hy Primary Indic Surface High Wa Saturatic Water M Sedimer Drift Dep Surface	drology Indicators cators (minimum of of Water (A1) ater Table (A2) on (A3) larks (B1) (Nonriver of the Deposits (B2) (Nonriver of the Deposits (B3) (Nonri	: one required rine) nriverine) rine)	; check all that apply Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir	t (B11) ust (B12) uvertebrates u Sulfide Od Rhizospher u of Reduced	lor (C1) res along d Iron (C ² on in Tille	1)	Se	condary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
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IYDROLOG Wetland Hy Primary Indio Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundatio Water-S	drology Indicators cators (minimum of of other Table (A2) on (A3) larks (B1) (Nonriver of the Deposits (B2) (No other of the Deposits (B3) (Nonriver Soil Cracks (B6) on Visible on Aerial tained Leaves (B9)	: one required rine) nriverine) rine)	; check all that apply Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc	t (B11) st (B12) nvertebrates s Sulfide Od Rhizospher of Reduced on Reductio k Surface (C	lor (C1) res along d Iron (C4 on in Tilled C7)	1)	Se	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C
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Remarks: No HYDROLOG Wetland Hy Primary India Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundatio Water-S Field Observ Surface Water Water Table I Saturation Pr (includes cap	drology Indicators cators (minimum of of other (A1) ater Table (A2) on (A3) larks (B1) (Nonriver on Deposits (B2) (No cosits (B3) (Nonriver Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations: er Present? Present? y esent? y esent? y illary fringe)	cine) cine) cine) cine) cine) cine) cine) cine) cine) cine) cine cine) cine cine cine cine cine cine cine cine	; check all that apply Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Other (Ex No Depth (incl No Depth (incl toring well, aerial ph	t (B11) ast (B12) avertebrates a Sulfide Od Rhizosphera of Reduceto n Reductio k Surface (C plain in Rer nes): nes):	lor (C1) res along d Iron (C4 on in Tiller C7) marks)	d Soils (Ce	ots (C3)	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)
Remarks: No IYDROLOG Wetland Hy Primary India Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundatio Water-S Field Observ Surface Water Water Table I Saturation Pr (includes cap	drology Indicators cators (minimum of of other (A1) ater Table (A2) on (A3) larks (B1) (Nonriver on Deposits (B2) (No cosits (B3) (Nonriver Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) vations: er Present? Present? y esent? y esent? y illary fringe)	cine) cine) cine) cine) cine) cine) cine) cine) cine) cine) cine cine) cine cine cine cine cine cine cine cine	; check all that apply Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Other (Ex No Depth (incl No Depth (incl toring well, aerial ph	t (B11) ast (B12) avertebrates a Sulfide Od Rhizosphera of Reduceto n Reductio k Surface (C plain in Rer nes): nes):	lor (C1) res along d Iron (C4 on in Tiller C7) marks)	d Soils (Ce	ots (C3)	condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)

Project/Site: Southwest Village Specific Plan P	roject		City/Cour	nty: San Dieg	0	Sam	pling Date	6/27/2	23
Applicant/Owner: Tri Point Homes					State:	CA Sam	npling Point	: <u>78-U</u> F	PL
Investigator(s): Andrew Smisek			Section,	Township, R	tange: Section 31,	T18S R01W	1		
Landform (hillslope, terrace, etc.): mesa			Local re	lief (concave,	convex, none): no	ne	Slo	pe (%):	0
Subregion (LRR): C		Lat:	32.55885		Long: <u>-117.0188</u>	9	Datu	ım: <u>NAD</u>	83
Soil Map Unit Name: Huerhuero loam, 2-9%					NWI clas	sification: no	one		
Are climatic / hydrologic conditions on the site ty	pical for thi	s time o	f year? Yes	x No	o(If no, exp	olain in Rem	arks.)		
Are Vegetation, Soil, or Hydro	ology	signif	icantly disturb	ed?	Are "Normal Circum	stances" pre	esent? Yes	3 X	No
Are Vegetation, Soil, or Hydro	ology	natur	ally problema	tic?	(If needed, explain a	any answers	in Remark	s.)	
SUMMARY OF FINDINGS – Attach site	map shov	ving sa	mpling poi	nt location	s, transects, imp	ortant fea	tures, etc	;	
Hydrophytic Vegetation Present? Yes	No) X			_				
Hydric Soil Present? Yes	No	X		ne Sampled nin a Wetlan	Y	es	No x	(
Wetland Hydrology Present? Yes	No	X	Witi	iiii a vvetiaii	u:				
Remarks: Paired sample point for feature #78 VEGETATION – Use scientific names of									
T 0 (D)		osolute	Dominant	Indicator	Dominance Tes	t worksheet	t:		
Tree Stratum (Plot size:) <u>%</u>	Cover	Species?	Status	Number of Domir That Are OBL, FA			0	(A)
2. 3.					Total Number of Species Across A			2	(B)
4.					Percent of Domir	ant Species	·		
			= Total Cove	er	That Are OBL, FA	ACW, or FAC	C:	0	(A/B)
Sapling/Shrub Stratum (Plot size:)								
1.					Prevalence Inde	x workshee	et:		
2.					Total % Cove	er of:	Multi	ply by:	
3					OBL species	0	x 1 =	0	
4					FACW species _	0	x 2 =	0	
5					FAC species	0	x 3 =	0	_
	_		= Total Cove	er	FACU species	25	x 4 =	100	
Herb Stratum (Plot size:)				UPL species	42	x 5 =	210	
Glebionis coronaria		40	Y	UPL	Column Totals:	67	(A)	310	(B)
2. Mesembryanthemum nodiflorum		20	Y	FACU	Prevalend	ce Index = B/	/A = <u>4.6</u>		
3. Bromus hordeaceus		5	N	FACU					
4. Bromus rubens		2	N	UPL	Hydrophytic Ve	_			
5.						e Test is >50			
6. 7.					Morpholog	e Index is ≤3 ical Adaptati	ions¹ (Prov		
8		67	= Total Cov	/er		Remarks or c Hydrophyt	•		•
Woody Vine Stratum (Plot size:1.)				¹Indicators of hy				
2.				-	be present, unle				
_		67	= Total Cove	er	Hydrophytic				
% Bare Ground in Herb Stratum	% Cover	of Biotic	Crust		Vegetation Present?	Yes	N	lo <u>x</u>	
Remarks: The sample area does not support a	predomina	nce of h	ydrophytic ve	getation.	•				

SOIL Sampling Point: 78-UPL

Depth	Matrix		Re	edox Featu	res					
(inches) Color (r		Col	or (moist)	%	Type ¹	Loc ²	– Textu	ıre	Rema	arks
0-18 10YR 4/3	100		, ,				clay			
010 1011140		-					oldy			
·				-						
		_								
·				-						
1T O . O	D. J. C. DM D. J		. 00 0				21		D 101	L NA NA
¹ Type: C=Concentration, D						S.		=Pore Lining, RC		
Hydric Soil Indicators	: (Applicable to al	I LRRs,						tors for Proble	_	c Soils ³ :
Histosol (A1)				Redox (S5)				m Muck (A9) (L		
Histic Epipedon (A2	2)			d Matrix (S	•			m Muck (A10)		
Black Histic (A3)				Mucky Min				duced Vertic (F	,	
Hydrogen Sulfide (A				Gleyed Ma	, ,			d Parent Materi		
Stratified Layers (A	, ,			d Matrix (F	,		Oti	her (Explain in F	Remarks)	
1 cm Muck (A9) (LF	,			Dark Surfac	` ,					
Depleted Below Da				d Dark Sur			0			
Thick Dark Surface				Depression	ıs (F8)			tors of hydrophy		
Sandy Mucky Mine	` '		Vernal F	Pools (F9)				land hydrology		
Sandy Gleyed Matr	ix (S4)						unle	ess disturbed or	r problematic	. .
Restrictive Layer (if pr	esent):									
Type:										
Depth (inches):		<u>-</u>					Hydric So	il Present?	Yes	No x
Describe Note of the college of	Carlanton about								·	
Remarks: No hydric soi	i iridicators observe	ou.								
HYDROLOGY										
	dicators:							Secondary Inc	dicators (2 o	or more require
Wetland Hydrology In		red: chec	k all that appl	v)						
Wetland Hydrology In Primary Indicators (min	imum of one requir	ed; chec						Water Mark	ks (B1) (Rive	erine)
Wetland Hydrology In Primary Indicators (min Surface Water (A1)	imum of one requir	red; chec	Salt Crus	t (B11)				Water Mark	ks (B1) (Rive Deposits (B2)	erine)) (Riverine)
Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (imum of one requir	ed; chec	Salt Crus Biotic Cru	it (B11) ust (B12)	oo (D42)			Water Marl Sediment [Drift Depos	ks (B1) (Rive Deposits (B2) sits (B3) (Riv e	erine)) (Riverine) erine)
Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (Saturation (A3)	imum of one requir A2)	red; chec - -	Salt Crus Biotic Cru Aquatic I	st (B11) ust (B12) nvertebrate	, ,			Water Marl Sediment I Drift Depos Drainage F	ks (B1) (Rive Deposits (B2) sits (B3) (Riv e Patterns (B10	erine)) (Riverine) erine)
Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (Saturation (A3) Water Marks (B1) (imum of one requir A2) Nonriverine)	- - -	Salt Crus Biotic Cru Aquatic II Hydroger	st (B11) ust (B12) nvertebrate n Sulfide C	dor (C1)			Water Marl Sediment [Drift Depose Drainage F Dry-Seaso	ks (B1) (Rive Deposits (B2) sits (B3) (Riv Patterns (B10 n Water Tabl	erine)) (Riverine) erine))) le (C2)
Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (Saturation (A3) Water Marks (B1) (Sediment Deposits	imum of one requir A2) Nonriverine) (B2) (Nonriverine	- - -	Salt Crus Biotic Cru Aquatic Ii Hydroger Oxidized	et (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe	dor (C1) eres along			Water Mark Sediment I Drift Depos Drainage F Dry-Season Thin Muck	ks (B1) (Rive Deposits (B2) sits (B3) (Riv e Patterns (B10 n Water Tabl Surface (C7)	erine)) (Riverine) erine))) le (C2)
Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (Saturation (A3) Water Marks (B1) (Sediment Deposits Drift Deposits (B3)	imum of one requir A2) Nonriverine) (B2) (Nonriverine) (Nonriverine)	- - -	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence	et (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduce	odor (C1) eres along ed Iron (C	4)	oots (C3)	Water Mark Sediment I Drift Depos Drainage F Dry-Seasor Thin Muck Crayfish Bu	cs (B1) (River) Deposits (B2) Sits (B3) (River) Patterns (B10 In Water Table Surface (C7) Surrows (C8)	erine)) (Riverine) erine))) le (C2)
Primary Indicators (min Surface Water (A1) High Water Table (Saturation (A3) Water Marks (B1) (Sediment Deposits	imum of one requir A2) Nonriverine) (B2) (Nonriverine) (Nonriverine)	- - -	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence	et (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe	odor (C1) eres along ed Iron (C	4)	oots (C3)	Water Mark Sediment I Drift Depos Drainage F Dry-Seasor Thin Muck Crayfish Bu	cs (B1) (River) Deposits (B2) Sits (B3) (River) Patterns (B10 In Water Table Surface (C7) Surrows (C8)	erine)) (Riverine) erine))) le (C2)
Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (Saturation (A3) Water Marks (B1) (Sediment Deposits Drift Deposits (B3)	imum of one required A2) Nonriverine) (B2) (Nonriverine) (Nonriverine) (s (B6)	- - - -)	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir	et (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduce	odor (C1) eres along ed Iron (Co ion in Tille	4)	oots (C3)	Water Mark Sediment I Drift Depos Drainage F Dry-Seasor Thin Muck Crayfish Bu	ks (B1) (Rive Deposits (B2) dits (B3) (Riv Patterns (B10 In Water Tabl Surface (C7) Jurrows (C8) Visible on Ae	erine)) (Riverine) erine))) le (C2)
Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (Saturation (A3) Water Marks (B1) (Sediment Deposits Drift Deposits (B3) Surface Soil Cracks	imum of one required A2) Nonriverine) (B2) (Nonriverine) (Nonriverine) (s (B6) On Aerial Imagery (1)	- - - -)	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct	odor (C1) eres along ed Iron (C- ion in Tille (C7)	4)	oots (C3)	Water Mark Sediment I Drift Depose Drainage F Dry-Seaso Thin Muck Crayfish Bu Saturation Shallow Ac	ks (B1) (Rive Deposits (B2) dits (B3) (Riv Patterns (B10 In Water Tabl Surface (C7) Jurrows (C8) Visible on Ae	erine)) (Riverine) erine))) le (C2)
Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (Saturation (A3) Water Marks (B1) (Sediment Deposits Drift Deposits (B3) Surface Soil Cracks Inundation Visible of Water-Stained Lear	imum of one required A2) Nonriverine) (B2) (Nonriverine) (Nonriverine) (s (B6) On Aerial Imagery (1)	- - - -)	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct on Reduct	odor (C1) eres along ed Iron (C- ion in Tille (C7)	4)	oots (C3)	Water Mark Sediment I Drift Depose Drainage F Dry-Seaso Thin Muck Crayfish Bu Saturation Shallow Ac	ks (B1) (Rive Deposits (B2) Lits (B3) (Riv Latterns (B10 In Water Tabl Surface (C7) Lurrows (C8) Visible on Ae Luitard (D3)	erine)) (Riverine) erine))) le (C2)
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Wetland Hydrology In Primary Indicators (min Surface Water (A1) High Water Table (Saturation (A3) Water Marks (B1) (Sediment Deposits Drift Deposits (B3) Surface Soil Cracks Inundation Visible of Water-Stained Lear Field Observations: Surface Water Present?	imum of one required A2) Nonriverine) (B2) (Nonriverine) (Nonriverine) s (B6) on Aerial Imagery (Inves (B9)	- - - - - - - - - - -	Salt Crus Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct on Reduct ck Surface kplain in Re	edor (C1) eres along ed Iron (C- ion in Tille (C7) emarks)	4)	oots (C3)	Water Mark Sediment I Drift Depose Drainage F Dry-Seaso Thin Muck Crayfish Bu Saturation Shallow Ac	ks (B1) (Rive Deposits (B2) Lits (B3) (Riv Latterns (B10 In Water Tabl Surface (C7) Lurrows (C8) Visible on Ae Luitard (D3)	erine)) (Riverine) erine))) le (C2)
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Project/Site: Southwest Village Specific Plan Project		City/Count	y: San Dieg	0	Sampling Da	ate: 4/27/23
Applicant/Owner: Tri Point Homes				State: CA	Sampling Po	oint: 79-UPL
Investigator(s): Andrew Smisek		Section,	Γownship, R	Range: Section 31, T18	S R01W	
Landform (hillslope, terrace, etc.): mesa		Local reli	ef (concave,	, convex, none): none		Slope (%): 0
Subregion (LRR): C	Lat:	32.55848		Long: -117.01888	Da	atum: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classifica	ation: none	
Are climatic / hydrologic conditions on the site typical	for this time of	f year? Yes	X No	o(If no, explain	in Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	icantly disturbe	ed?	Are "Normal Circumstan	nces" present?	res X No
Are Vegetation Soil , or Hydrology				(If needed, explain any a	answers in Rema	arks.)
SUMMARY OF FINDINGS – Attach site map				s, transects, importa	ant features, e	etc.
Hydrophytic Vegetation Present? Yes	No X					
Hydric Soil Present? Yes	No X		e Sampled	Yes	No	X
Wetland Hydrology Present? Yes	No X	With	in a Wetlan	a? —		
Remarks: Paired sample point for feature #79. Upla	and sample poi	int paired to 79)-W. This sa	mpled area is not a wetl	and.	
VEGETATION – Use scientific names of plan	nts.					
Tage Charters (Diet sine)	Absolute	Dominant	Indicator	Dominance Test wo	rksheet:	
Tree Stratum (Plot size:) 1none	% Cover	Species?	Status	Number of Dominant That Are OBL, FACW		0 (A)
2. 3.				Total Number of Dom Species Across All St		o (D)
. —				Percent of Dominant		(B)
4		= Total Cove	<u> </u>	That Are OBL, FACW		0 (A/B
Sapling/Shrub Stratum (Plot size:) ——	- Total Cove				
1. Acmispon glaber	, <1	N	UPL	Prevalence Index wo	orksheet:	
2.				Total % Cover of:		ultiply by:
3.				OBL species	x 1 =	
4.				FACW species		
5.				FAC species		
		= Total Cove	r	FACU species		
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Avena sp.	30	Υ	UPL	Column Totals:	(A)	(B)
2. Glebionis coronaria	31	Y	UPL	Prevalence In	dex = B/A =	
3. Mesembryanthemum nodiflorum	1	N	FACU			
4. Bromus rubens	22	Y	UPL	Hydrophytic Vegeta	tion Indicators:	:
5. Spergularia bocconi	2	N	FACW	Dominance Tes		
6. Bromus hordeaceus	5	N	FACU	Prevalence Inde		
7. Erodium botrys	3	N	FACU		Adaptations¹ (Proparties Adaptations (Proparties) Adaptations (Proparties)	ovide supporting
8					•	•
Woody Vine Stratum (Plot size:	94	= Total Cove	er	Problematic Hy	drophytic Veget	ation¹ (Explain)
	,			1 Indiantors of hydria	acil and wattend	l budrologu rougt
1. none				¹ Indicators of hydric s be present, unless d		
2		= Total Cove	r	Hydrophytic		
% Bare Ground in Herb Stratum 5 %	Cover of Biotic			Vegetation	Yes	No X
Remarks:		-		1		
romans.						

SOIL Sampling Point: 79-UPL

Depth	Matrix				dox Feat			_					
(inches)	Color (moist)	%	Cole	or (moist)	%	Type ¹	Loc ²	Text	ure	R	emarks		
0-18	10YR 4/3	100						sandy c	lay				
		· ——											
					-								
¹ Type: C=Conc	centration, D=Depletio	n, RM=Redu	iced Matri	ix, CS=Covered	d or Coated	Sand Grains.	2	Location: Pl	L=Pore Lining, F	RC=Root Ch	annel, M=	Matrix.	
Hydric Soil I	ndicators: (Applic	able to all	LRRs, ι	unless other	wise note	ed.)		Indica	tors for Prob	lematic H	ydric So	ils³:	
Histosol ((A1)			Sandy F	Redox (S5)		1	cm Muck (A9)	(LRR C)			
Histic Epi	ipedon (A2)				l Matrix (S			2	cm Muck (A10	0) (LRR B)			
Black His	stic (A3)			Loamy N	Mucky Mir	neral (F1)		Re	educed Vertic	(F18)			
Hydroger	n Sulfide (A4)				Gleyed Ma				ed Parent Mat				
	Layers (A5) (LRR	C)			d Matrix (I	•		Ot	ther (Explain i	n Remarks)		
	ck (A9) (LRR D)				Oark Surfa	` ,							
	Below Dark Surfac	e (A11)				rface (F7)		0					
	rk Surface (A12)				Depression				ators of hydror			d	
	ucky Mineral (S1)			Vernal F	Pools (F9)				tland hydrolog				
Sandy GI	leyed Matrix (S4)							uni	less disturbed	or problen	natic.		
Postrictivo I	ayer (if present):												
Vesilictive Fe	•												
Type:													
Type: Depth (inche		rs observed						Hydric Sc	oil Present?	Yes		No X	(
Type: Depth (inche	es): b hydric soil indicato							Hydric So	bil Present?	Yes		No <u>X</u>	<u>(</u>
Type:	es): hydric soil indicato	rs observed						Hydric Sc		_			
Type: Depth (inchest Remarks: No STATE NO STATE	es): hydric soil indicato Y drology Indicators	rs observed	d.	v all that appl				Hydric Sc	Secondary	Indicators	(2 or ma	ore req	
Type: Depth (incher Remarks: No IYDROLOG Wetland Hyd Primary Indic	es): hydric soil indicato Y drology Indicators eators (minimum of	rs observed	d.					Hydric Sc	Secondary Water M	Indicators arks (B1) ((2 or mo	ore req	uire
Type: Depth (inche Remarks: No IYDROLOG Wetland Hyd Primary Indic Surface N	es): hydric soil indicato Y drology Indicators eators (minimum of Water (A1)	rs observed	d.	Salt Crus	t (B11)			Hydric Sc	Secondary Water M Sedimer	Indicators arks (B1) ((2 or mo	ore required ()	uire
Type: Depth (inche Remarks: No IYDROLOG Wetland Hyd Primary Indic Surface \ High Wat	es): hydric soil indicato Y drology Indicators eators (minimum of Water (A1) ter Table (A2)	rs observed	d.	Salt Crus Biotic Cru	t (B11) ust (B12)			Hydric Sc	Secondary Water M Sedimer Drift Dep	Indicators arks (B1) (nt Deposits posits (B3)	(2 or mo	ore required ()	uire
Type: Depth (incher Remarks: No IYDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio	es): hydric soil indicator Y drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3)	rs observed	d.	Salt Crus Biotic Cru Aquatic Ir	it (B11) ust (B12) nvertebrat			Hydric Sc	Secondary Water M Sedimer Drift Dep Drainage	Indicators arks (B1) (art Deposits posits (B3) e Patterns ((2 or mo Riverine (B2) (Riv (Riverino B10)	ore required () verine)	uire
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Type: Depth (inche Remarks: No IYDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sedimen	es): hydric soil indicators drology Indicators cators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No	rs observed: : cone require rine) onriverine)	d.	Salt Crus Biotic Cru Aquatic In Hydroger Oxidized	ust (B11) ust (B12) nvertebrat n Sulfide (Rhizosph	Odor (C1) eres along L	-		Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu	Indicators arks (B1) (art Deposits posits (B3) e Patterns (son Water ck Surface	(2 or mo Riverine (B2) (Riv (Riverino B10) Table (C (C7)	ore required () verine)	uire
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Type: Depth (inche Remarks: No Primary Indic Surface V High Wat Saturatio Water Ma Sedimen Drift Depo Surface S Inundatio Water-St Field Observa Surface Water Water Table F Saturation Pre	es): hydric soil indicators cators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive to Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) cations: cators (Present?	rine) Imagery (B	d	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc on Reduc on Reduc k Surface kplain in R hes):	Odor (C1) eres along L ced Iron (C4) tion in Tilled (C7)	Soils (C	ots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow	Indicators arks (B1) (arks (B3) (B3) (B3) (B4) (B4) (B4) (B4) (B4) (B4) (B4) (B4	(2 or mo Riverine (B2) (Riv (Riverine (B10) Table (C (C7) C8) n Aerial	ore required by the second sec	uire
Type: Depth (inche Remarks: No IYDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sedimen Drift Depo Surface S Inundatio Water-St Field Observa Surface Water Water Table F Saturation Pre (includes capi	es): hydric soil indicators cators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive to Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) cations: cators (Present?	rine) Imagery (B	d. ed; check	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc on Reduc on Reduc k Surface kplain in R hes): hes):	Odor (C1) eres along L eed Iron (C4) tion in Tilled (C7) eemarks)	Soils (C	ots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow FAC-Ne	Indicators arks (B1) (arks (B3) (B3) (B4) (B4) (B4) (B4) (B4) (B4) (B4) (B4	(2 or mo Riverine (B2) (Riv (Riverine (B10) Table (C (C7) C8) n Aerial	ore required by the second sec	uire
Type: Depth (inche Remarks: No IYDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sedimen Drift Depo Surface S Inundatio Water-St Field Observa Surface Water Water Table F Saturation Pre (includes capi	es): hydric soil indicators or hydric soil indicators or hydric soil indicators cators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive to Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) rations: or Present? Present? cations: cators (B6) cations: cators (B6) cations: cators (B9)	rine) Imagery (B	d. ed; check	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc on Reduc on Reduc k Surface kplain in R hes): hes):	Odor (C1) eres along L eed Iron (C4) tion in Tilled (C7) eemarks)	Soils (C	ots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow FAC-Ne	Indicators arks (B1) (arks (B3) (B3) (B4) (B4) (B4) (B4) (B4) (B4) (B4) (B4	(2 or mo Riverine (B2) (Riv (Riverine (B10) Table (C (C7) C8) n Aerial	ore required by the second sec	uire
Type: Depth (inche Remarks: No IYDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sedimen Drift Depo Surface S Inundatio Water-St Field Observa Surface Water Water Table F Saturation Pre (includes capi	es): hydric soil indicators or hydric soil indicators or hydric soil indicators cators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive to Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) rations: or Present? Present? cations: cators (B6) cations: cators (B6) cations: cators (B9)	rine) Imagery (B	d. ed; check	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc on Reduc on Reduc k Surface kplain in R hes): hes):	Odor (C1) eres along L eed Iron (C4) tion in Tilled (C7) eemarks)	Soils (C	ots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow FAC-Ne	Indicators arks (B1) (arks (B3) (B3) (B4) (B4) (B4) (B4) (B4) (B4) (B4) (B4	(2 or mo Riverine (B2) (Riv (Riverine (B10) Table (C (C7) C8) n Aerial	ore required by the second sec	uire
Type: Depth (inche Remarks: No Remarks: No Remarks: No Remarks: No Remarks: No Remarks: No Remarks: No Remarks: No Remarks: No Remarks Indicated Saturation Water-St. Field Observation Water Table For Saturation Precincled Saturation Precincled Records Records Remarks: Remarks	es): hydric soil indicators or hydric soil indicators or hydric soil indicators cators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive to Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) rations: or Present? Present? cations: cators (B6) cations: cators (B6) cations: cators (B9)	rs observed : cone require pariverine) Imagery (B //es //es	d. ed; check No No No nitoring v	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex Depth (inc	t (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc on Reduc on Reduc k Surface kplain in R hes): hes):	Odor (C1) eres along L eed Iron (C4) tion in Tilled (C7) eemarks)	Soils (C	ots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow FAC-Ne	Indicators arks (B1) (arks (B3) (B3) (B4) (B4) (B4) (B4) (B4) (B4) (B4) (B4	(2 or mo Riverine (B2) (Riv (Riverine (B10) Table (C (C7) C8) n Aerial	ore required by the second sec	uire
Type: Depth (inche Remarks: No IYDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sedimen Drift Depo Surface S Inundatio Water-St: Field Observa Surface Water Water Table F Saturation Pre (includes capil Describe Recon	es): hydric soil indicators drology Indicators eators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9) rations: ar Present? Present? esent? elilary fringe) orded Data (stream	rs observed : cone require pariverine) Imagery (B //es //es	d. ed; check No No No nitoring v	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex Depth (inc	t (B11) ust (B12) nvertebrat n Sulfide (Rhizosph e of Reduc on Reduc on Reduc k Surface kplain in R hes): hes):	Odor (C1) eres along L eed Iron (C4) tion in Tilled (C7) eemarks)	Soils (C	ots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow FAC-Ne	Indicators arks (B1) (arks (B3) (B3) (B4) (B4) (B4) (B4) (B4) (B4) (B4) (B4	(2 or mo Riverine (B2) (Riv (Riverine (B10) Table (C (C7) C8) n Aerial	ore required by the second sec	uire

Project/Site: Southwest Village Specific Plan Project	ect	City/Coun	ty: San Dieg	0	Sam	pling Date	e: <u>6/27/2</u>	.3
Applicant/Owner: Tri Point Homes				State:	CA Sam	pling Poin	it: <u>83-UP</u>	'L
Investigator(s): Andrew Smisek		Section,	Township, R	Range: Section 31,	T18S R01W	!		
Landform (hillslope, terrace, etc.): mesa-disturbed		Local rel	ief (concave	, convex, none): <u>nor</u>	ne	Slo	ope (%):	0
Subregion (LRR): C	Lat:	32.55894		Long: <u>-117.0190</u> 1		Datı	um: NAD	83
Soil Map Unit Name: Huerhuero loam, 2-9% slop	es			NWI class	sification: no	one		
Are climatic / hydrologic conditions on the site typic	cal for this time o	f year? Yes	x No	o(If no, exp	lain in Rema	arks.)		
Are Vegetation x, Soil , or Hydrolog	gysignif	icantly disturb	ed?	Are "Normal Circum	stances" pre	esent? Ye	s <u>x</u>	No
Are Vegetation, Soil, or Hydrological	gynatur	ally problemat	ic?	(If needed, explain a	ny answers	in Remark	ks.)	
SUMMARY OF FINDINGS – Attach site ma	ap showing sa	mpling poir	nt location	s, transects, imp	ortant feat	tures, etc	С.	
Hydrophytic Vegetation Present? Yes	No X	la 4h	- Cll	A				
Hydric Soil Present? Yes	NoX		ie Sampled iin a Wetlan	Ye	es	No	X	
Wetland Hydrology Present? Yes	NoX	_	a rrottari	. .				
Remarks: Paired sample point for feature #83. VEGETATION – Use scientific names of p	lants.							
Trace Objections (Distriction	Absolute	Dominant	Indicator	Dominance Test	worksheet	:		
Tree Stratum (Plot size:) 1.	% Cover	Species?	Status	Number of Domir That Are OBL, FA			0	(A)
2.				Total Number of I	,	<i></i>		(//)
3.				Species Across A			1	(B)
4.				Percent of Domin				,
		= Total Cove	er	That Are OBL, FA	CW, or FAC): 	0	(A/B)
Sapling/Shrub Stratum (Plot size:)							
1				Prevalence Inde				
2				Total % Cove			tiply by:	_
3.				OBL species	0	x 1 =	0	_
4.				FACW species	0	x 2 = x 3 =	0	_
5		= Total Cove	·	FACU species		x 4 =	44	_
Herb Stratum (Plot size:)		= Total Cove	;I	UPL species	70	x 5 =	350	_
1. Glebionis coronaria	70	Υ	UPL	Column Totals:	81	(A)	394	(B)
2. Bromus hordeaceus	10	N	FACU	_	5			_` ′
3. Salsola tragus	1	N	FACU	Prevalenc	e Index = B/	A = 4.9		_
4.				Hydrophytic Veg	etation Ind	icators:		
5.				Dominance	Test is >50	1%		
6.				Prevalence	Index is ≤3.	.0 ¹		
7					cal Adaptati			
8				data in F	Remarks or	on a sepai	rate shee	∍t)
	81	= Total Cov	er	Problemati	: Hydrophyti	ic Vegetat	ion¹ (Exp	olain)
Woody Vine Stratum (Plot size:)							
1				¹ Indicators of hybe present, unle				must
2				•	33 disturbed	OI PIODICI	natio.	
	81	= Total Cove	er	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum	% Cover of Biotic	: Crust		Present?	Yes		No_x	
Remarks: The sample area does not support a pr	edominance of h	ydrophytic veg	getation.					

SOIL Sampling Point: 83-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Features			
(inches)	Color (moist)	%	Color (moist)	%Тур	pe ¹ Loc ²	Textu	ıre Remarks
0-18	10YR 4/3	100				sandy cla	ay
-							
							
		.					
	-						
	-						
¹ Type: C=Co	ncentration, D=Depletion	n, RM=Reduced	Matrix, CS=Covere	d or Coated Sand	Grains.	² Location: PL:	=Pore Lining, RC=Root Channel, M=Matrix.
	Indicators: (Applic						ors for Problematic Hydric Soils ³ :
Histoso				Redox (S5)			m Muck (A9) (LRR C)
	pipedon (A2)			Matrix (S6)			m Muck (A10) (LRR B)
	istic (A3)			Mucky Mineral (F1)		duced Vertic (F18)
	en Sulfide (A4)			Gleyed Matrix (F			d Parent Material (TF2)
	d Layers (A5) (LRR	C)		d Matrix (F3)	,		her (Explain in Remarks)
	uck (A9) (LRR D)	,		Dark Surface (F6	6)		, ,
Deplete	d Below Dark Surfac	ce (A11)	Deplete	d Dark Surface	(F7)		
Thick D	ark Surface (A12)		Redox [Depressions (F8	3)	³ Indicat	tors of hydrophytic vegetation and
Sandy I	Mucky Mineral (S1)		Vernal F	Pools (F9)		wet	land hydrology must be present,
Sandy (Gleyed Matrix (S4)					unle	ess disturbed or problematic.
Restrictive	Layer (if present):						
Type:	, , ,						
Depth (inc	hes):					Hydric Soi	il Present? Yes No x
	lo hydric soil indicato		_			. ,	·····
HYDROLO							
	drology Indicators						Secondary Indicators (2 or more required
Primary Ind	icators (minimum of	one required;	check all that appl	y)			Water Marks (B1) (Riverine)
Surface	e Water (A1)		Salt Crus	t (B11)		-	Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ust (B12)			Drift Deposits (B3) (Riverine)
Saturat	ion (A3)		Aquatic I	nvertebrates (B	13)	-	Drainage Patterns (B10)
Water I	Marks (B1) (Nonrive	rine)	Hydroger	n Sulfide Odor (0	C1)	-	Dry-Season Water Table (C2)
Sedime	ent Deposits (B2) (No	onriverine)	Oxidized	Rhizospheres a	along Living R	toots (C3)	Thin Muck Surface (C7)
Drift De	posits (B3) (Nonrive	erine)	Presence	of Reduced Iro	n (C4)	_	Crayfish Burrows (C8)
Surface	Soil Cracks (B6)		Recent Ir	on Reduction in	Tilled Soils (C6)	Saturation Visible on Aerial Imagery (C9
Inundat	ion Visible on Aerial	Imagery (B7)	Thin Muc	k Surface (C7)		_	Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	plain in Remark	(S)		FAC-Neutral Test (D5)
Field Obser	vations:						
Surface Wat		Yes N	lo Depth (inc	hes).			
Water Table		Yes N		hes):			
Saturation P		res N				land Hydrol	ogy Present? Yes No x
	pillary fringe)	165 1	loDeptir (ilic	nes).		lianu riyuron	ogy Present? YesNox
,	corded Data (stream	gauge, monito	ring well, aerial ph	notos, previous i	nspections), i	if available:	
	(3.00)	J	3 - , ,	,,,	-,		
Remarks: No	wetland hydrology	indicators obs	erved.				

a	Lot			State: Cange: Section 31, 1	18S R01W	ling Point		PL
a	Lot					Slo	20 (0/)	
a	Lote	Local rel	ief (concave,	, convex, none): non	е	Slo	00 (0/).	
	Lote			· · · · · · · · · · · · · · · · · · ·			pe (%):	0
	Lai.	32.55892		Long: -117.01880		Datu	m: NAD	83
n, 2-9% slopes				NWI class	ification: nor	ie		
the site typical fo	or this time of	f year? Yes	X No	o(If no, exp	lain in Rema	rks.)		
or Hydrology	signif	icantly disturb	ed?	Are "Normal Circums	stances" pres	ent? Yes	; <u>X</u>	No
, or Hydrology	natur	ally problemat	ic?	(If needed, explain a	ny answers i	n Remark	.s.)	
ch site map s	howing sa	mpling poir	nt location	s, transects, impo	ortant featu	ıres, etc	; <u> </u>	
Yes X	No							
Yes	No X		-	Ye	s	No X	ί	
Yes	No X	with	iin a wetian	a r				
ature #87.								
ames of plant	s.							
)	Absolute % Cover	Dominant Species?	Indicator Status	Number of Domin	ant Species		4	(4)
					•			(A)
							2	(B)
				·				(D)
	-	= Total Cove	er	That Are OBL, FA	CW, or FAC:		50	(A/B)
)								
				Prevalence Index	worksheet			
				Total % Cove	r of:	Multi	ply by:	_
				OBL species	0	x 1 =	0	_
				FACW species		-	40	_
				· -				_
,		= Total Cove	er					_
)	20	V	EA C\A/	· -				(D)
				Column Totals:	35	(A)	105	(B)
				Prevalence	e Index = B/A	= 3		_
		IN	UFL	Hydrophytic Voc	otation India	atore:		
				Morphologic	cal Adaptation	ns¹ (Provi		
	35	= Total Cov	er			'		,
)								
								must
				be present, unice	alstarbea (n problem	iatio.	
			er	Hydrophytic Vegetation Present?	Yes >	(N	10	
65 % C	over of Biotic	, Ciusi						
65 % C a prevalence of l	over of Biotic nydrophytic v	-						
		-						_
	or Hydrology, or Hydrology, or Hydrology, or Hydrology, ch site map s Yes X Yes X Yes ature #87. ames of plant))		significantly disturb significantly disturb naturally problemate significantly problemate significantly problemate significantly problemate sampling point significantly problemate sampling point significantly problemate sampling point sampling point significantly problemate sampling point	significantly disturbed?nor Hydrologynaturally problematic? Ch site map showing sampling point location: Yes	are "Normal Circums, or Hydrology significantly disturbed?		or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes or Hydrology naturally problematic? ((If needed, explain any answers in Remark ch site map showing sampling point locations, transects, important features, etc. Yes No Yes No X	or Hydrology significantly disturbed?

SOIL Sampling Point: 87-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Featu	ires		_			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Rema	arks
0-4	10YR 3/2	100					sandy loam	1		
					· —— ·					
	_				· —— ·					
										_
	-				· —— ·		-			
	-				· -		_			
1Turner C. Co	 oncentration, D=Depletion	DM Doduce	d Matrix CC Cayora	d ar Caatad	Cond Crain	2	l continu DL D	lara Linina I	DC Doot Channe	J. M. Motrix
						S.			RC=Root Channe	
•	il Indicators: (Applic	cable to all Li	•		•				olematic Hydri	C Solis":
Histoso				Redox (S5)				Muck (A9)		
	Epipedon (A2)			d Matrix (So				iced Vertic	0) (LRR B)	
	Histic (A3) gen Sulfide (A4)			Mucky Min Gleyed Ma					terial (TF2)	
	ed Layers (A5) (LRR	C)		d Matrix (F	` ,				n Remarks)	
	fuck (A9) (LRR D)	C)		o Mairix (i Dark Surfa	,			i (Expiaii) i	ii Keiliaiks)	
	ed Below Dark Surfa	ce (A11)		d Dark Sur	` ,					
	Dark Surface (A12)	00 (/111)		Depression	, ,		3Indicator	s of hydroi	ohytic vegetation	on and
	Mucky Mineral (S1)			Pools (F9)	.5 (. 5)				gy must be pre	
	Gleyed Matrix (S4)			()				-	or problemation	
									<u>'</u>	
	Layer (if present):									
	novel refusal									
Depth (in	ches): <u>4</u>						Hydric Soil F	resent?	Yes	_ No <u>X</u> _
HYDROLO	GY									
Wetland H	lydrology Indicators	s:					S	econdary	Indicators (2 d	or more required)
Primary Inc	dicators (minimum of	one required;	check all that appl	y)				Water M	arks (B1) (Rive	erine)
Surfac	e Water (A1)		Salt Crus	st (B11)				_ Sedimer	nt Deposits (B2) (Riverine)
	Vater Table (A2)		Biotic Cru						oosits (B3) (Riv	
	ition (A3)			nvertebrate	es (B13)				e Patterns (B10	•
Water	Marks (B1) (Nonrive	erine)		n Sulfide O	` '				son Water Tab	
	ent Deposits (B2) (N				eres along	Livina Ro	ots (C3)	_	ck Surface (C7	
	eposits (B3) (Nonriv	•			ed Iron (C4			_	Burrows (C8)	,
	e Soil Cracks (B6)	,			tion in Tille		6)		, ,	erial Imagery (C9)
	ation Visible on Aerial	Imagery (B7)		k Surface				_	Aquitard (D3)	g., (,
	Stained Leaves (B9)			kplain in Re				_	utral Test (D5)	
				τρια			_		aa. 1001 (20)	
Field Obse		.,								
			No Depth (inc			_				
Water Table		Yes I	No Depth (inc			_				
Saturation I (includes ca	Present? apillary fringe)	Yes I	No Depth (inc	hes):		Wetla	and Hydrolog	y Present	t? Yes	NoX
Describe Re	corded Data (stream	gauge, monit	oring well, aerial pl	notos, prev	ious inspe	ctions), if	available:			
Remarks: N	lo wetland hydrology	indicators obs	served.							
									A : 114/	

Project/Site: Southwest Village Specific Plan Project		City/Cou	nty: San Dieg	0	_Sampling Date:	5/3/23
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point:	103-UPL
Investigator(s): Andrew Smisek		Section	, Township, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local re	elief (concave	convex, none): none	Slop	e (%): 0
Subregion (LRR): C	Lat:	32.55870		Long: -117.01922	Datun	n: <u>NAD83</u>
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classificati	on: none	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	s <u>X</u> No	o(If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	icantly disturl	bed?	Are "Normal Circumstance	es" present? Yes	X No
Are Vegetation, Soil, or Hydrology	natura	ally problema	atic?	(If needed, explain any an	swers in Remarks	.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poi	int location	s, transects, importar	nt features, etc.	
Hydrophytic Vegetation Present? Yes	No X					
Hydric Soil Present? Yes	No X		the Sampled	Yes	No X	
Wetland Hydrology Present? Yes	No X	Wit	hin a Wetlan	ur —		
VEGETATION – Use scientific names of plants	S.					
Tree Stratum (Plot size:)	Absolute	Dominant Species?	Indicator Status	Dominance Test work		
1. none	/₀ Covei	Species:	Status	Number of Dominant S That Are OBL, FACW,		0 (A)
2. 3.				Total Number of Domin Species Across All Stra	nant	, . ,
4.		-	·	Percent of Dominant Sp		2 (B)
Sapling/Shrub Stratum (Plot size:)		= Total Cov	rer	That Are OBL, FACW,		0 (A/B)
1. none				Prevalence Index wor	ksheet	
2.		-		Total % Cover of:	Multip	ly by:
3.				OBL species	x 1 =	<u> </u>
4.				FACW species	x 2 =	
5.				FAC species	x 3 =	
		= Total Cov	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
Glebionis coronaria	35	Υ	UPL	Column Totals:	(A)	(B)
2. Bromus rubens	10	N	UPL	Prevalence Inde	ex = B/A =	
3. Bromus hordeaceus	15	N	FACU			
4. Erodium botrys	20	Y	FACU	Hydrophytic Vegetation		
5. Salsola tragus	<1	N	FACU	Dominance Test		
6.		-		Prevalence Index		
7. 8.					daptations¹ (Provid rks or on a separa	
Woody Vine Stratum (Plot size:)	80	= Total Co	ver	Problematic Hydi	rophytic Vegetation	n¹ (Explain)
1. none				¹ Indicators of hydric so be present, unless dis		
2	ver of Biotic	= Total Cov	rer	Hydrophytic Vegetation	r'es No	
Remarks:						

SOIL Sampling Point: 103-UPL

Profile Desc Depth	cription: (Describe Matrix			ent the inc edox Featu		confirm t	he absence o	f indicators.)
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
0-18	10YR 3/3	100	ocioi (moiot)		1,700	200		
0-16	10113/3	100					sandy clay	no redox
								·
1- 0.0						2		
	ncentration, D=Deplet I Indicators: (Appl					S. ²		ore Lining, RC=Root Channel, M=Matrix. s for Problematic Hydric Soils ³ :
-		icable to all Liviv						-
Histoso	` '			Redox (S5) d Matrix (S6				Muck (A9) (LRR C)
	pipedon (A2) listic (A3)			•	•			Muck (A10) (LRR B) ced Vertic (F18)
	, ,			Mucky Mind Gleyed Ma				ced vertic (FTo) Parent Material (TF2)
	en Sulfide (A4) d Lavers (A5) (LRF	C/			, ,			, ,
	uck (A9) (LRR D)	(C)		d Matrix (F Dark Surfac	,		Other	(Explain in Remarks)
	ed Below Dark Surfa	200 (111)		d Dark Sunac	` '			
	ark Surface (A12)	ace (ATT)		Dark Sur Depression			3Indicators	of hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)	13 (1 0)			d hydrology must be present,
	Gleyed Matrix (S4)		vcman	0013 (1 3)				disturbed or problematic.
							1	distance of problematic.
_	Layer (if present):							
Type:			•					
Depth (inc	hes):						Hydric Soil Pr	resent? Yes No X
Remarks: N	lo hydric soil indica	tors observed.						
HYDROLO	GY							
Wetland Hy	ydrology Indicator	's:					Se	condary Indicators (2 or more required)
Primary Ind	licators (minimum o	f one required; ch	neck all that app	y)				Water Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
	ater Table (A2)		Biotic Cr	. ,				Drift Deposits (B3) (Riverine)
	ion (A3)			nvertebrate	es (B13)			Drainage Patterns (B10)
	Marks (B1) (Nonriv	erine)		n Sulfide O				Dry-Season Water Table (C2)
	ent Deposits (B2) (N			Rhizosphe		Livina Po	ots (C3)	Thin Muck Surface (C7)
	eposits (B3) (Nonri			of Reduce	_	_	013 (03)	Crayfish Burrows (C8)
		verifie)		on Reduct			<u> </u>	Saturation Visible on Aerial Imagery (C9)
	e Soil Cracks (B6)	- L L (D.7)				u Solis (Ci		_
	tion Visible on Aeria			k Surface				Shallow Aquitard (D3)
Water-S	Stained Leaves (B9))	Other (E	kplain in Re	emarks)			_FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat	ter Present?	Yes No	Depth (inc	hes):				
Water Table	Present?	Yes No	Depth (inc	hes):				
Saturation P	resent?	Yes No	Depth (inc	hes):		Wetla	and Hydrology	y Present? Yes NoX_
(includes ca	pillary fringe)							
Describe Rec	corded Data (stream	n gauge, monitori	ng well, aerial pl	notos, prev	ious inspe	ctions), if a	available:	
Dame - III	a considerable to the	. in all as ()						
kemarks: No	wetland hydrology	indicators obser	vea.					

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	0	_Sampling Date:	5/3/23
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point:	104-UPL
Investigator(s): Andrew Smisek		Section,	Township, R	lange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local reli	ef (concave,	convex, none): none	Slor	oe (%): 0
Subregion (LRR): C	Lat:	32.55859		Long: -117.01916	Datu	m: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classificati	on: none	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o(If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	icantly disturb	ed?	Are "Normal Circumstance	es" present? Yes	X No
Are Vegetation , Soil , or Hydrology				(If needed, explain any an	swers in Remark	s.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poir	t location	s, transects, importar	nt features, etc	<u>-</u>
Hydrophytic Vegetation Present? Yes	No X					
Hydric Soil Present? Yes	No X		e Sampled in a Wetlan	Yes	No X	<u>. </u>
Wetland Hydrology Present? Yes	No X	With	iii a vvetiaii	u:		
VEGETATION – Use scientific names of plants						
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work		
1. none	70 COVEI	<u>Opedies:</u>	Status	Number of Dominant S That Are OBL, FACW,		1 (A)
2				Total Number of Domin Species Across All Stra	nant	, , ,
4.				Percent of Dominant Sp		(B)
Sapling/Shrub Stratum (Plot size:)		= Total Cove	r	That Are OBL, FACW,		50 (A/B)
1. none				Prevalence Index wor	·kshoot·	
2.				Total % Cover of:		oly by:
3.				OBL species	x 1 =	
4.				FACW species	x 2 =	
5.				FAC species	x 3 =	
		= Total Cove	r	FACU species	x 4 =	
Herb Stratum (Plot size:)	<u> </u>			UPL species	x 5 =	
1. Glebionis coronaria	17	N	UPL	Column Totals:	(A)	(B)
2. Avena sp.	45	Y	UPL	Prevalence Inde	ex = B/A =	
3. Festuca perennis	30	Y	FAC			
4. Bromus hordeaceus	1	N	FACU	Hydrophytic Vegetation	on Indicators:	
5. Bromus rubens	7	N	UPL	Dominance Test		
6.				Prevalence Index		
7. 8.				Morphological Addata in Remai	daptations¹ (Provi rks or on a separa	
Woody Vine Stratum (Plot size:	100	= Total Cov	er	Problematic Hydronic	rophytic Vegetation	on¹ (Explain)
1. <u>none</u>				¹ Indicators of hydric so be present, unless dis		
2				be present, unless dis	turbed of problem	iaut.
% Bare Ground in Herb Stratum % Co	ver of Biotic	= Total Cove	r	Hydrophytic Vegetation Present? Y	′es N	o X
Remarks:	. 5. 5. 5.0.00					
INGITIAINS.						

SOIL Sampling Point: 104-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			edox Feature			_	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-18	10YR 3/2	100					sandy clay	no redox
	-							
							_	
		·					-	
								<u> </u>
¹ Type: C=Cor	ncentration, D=Depletio	n. RM=Reduc	ed Matrix. CS=Covere	d or Coated Sa	and Grains	j. 2	Location: PL=Po	ore Lining, RC=Root Channel, M=Matrix.
	Indicators: (Applic		· · · · · · · · · · · · · · · · · · ·					s for Problematic Hydric Soils ³ :
Histosol				Redox (S5)	,			Muck (A9) (LRR C)
	pipedon (A2)			d Matrix (S6)				Muck (A10) (LRR B)
	istic (A3)			Mucky Miner				ced Vertic (F18)
	en Sulfide (A4)			Gleyed Matri				Parent Material (TF2)
	d Layers (A5) (LRR	C)		d Matrix (F3)				r (Explain in Remarks)
	uck (A9) (LRR D)	•,		Dark Surface				(
	d Below Dark Surfac	e (A11)		d Dark Surfa	` '			
	ark Surface (A12)	,		Depressions			3Indicators	s of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal I	Pools (F9)	` '		wetlan	nd hydrology must be present,
	Gleyed Matrix (S4)			` ,				s disturbed or problematic.
Postrictivo	Layer (if present):							
Type:	Layer (ii present).							
	haa\.						Lludria Cail D	Dragant? Van No V
Depth (inc	nes).						Hydric Soil P	Present? Yes No X
HYDROLOG	ΒΥ							
Wetland Hy	drology Indicators	:					<u>Se</u>	econdary Indicators (2 or more require
Primary Indi	icators (minimum of	one required	d; check all that app	y)				Water Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	st (B11)				Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cr	` ,				Drift Deposits (B3) (Riverine)
	ion (A3)			nvertebrates	(B13)			Drainage Patterns (B10)
	Marks (B1) (Nonrive	rine)		n Sulfide Odd	` ,			Dry-Season Water Table (C2)
	nt Deposits (B2) (No	,		Rhizosphere		iving Ro	ots (C3)	Thin Muck Surface (C7)
	posits (B3) (Nonrive	,		of Reduced	Ū	•		Crayfish Burrows (C8)
	Soil Cracks (B6)	,,,,,,		on Reduction	,	,	6)	Saturation Visible on Aerial Imagery (C
	ion Visible on Aerial	Imagen/ (B7	·	k Surface (C		00113 (00		Shallow Aquitard (D3)
	Stained Leaves (B9)	iiilageiy (D7	, <u>—</u>	xplain in Ren				FAC-Neutral Test (D5)
vvaler-c	biained Leaves (B9)		Other (E.	kpiaiii iii Neii	ilaiks)		_	_ rac-neutral rest (D3)
Field Obser		_						
Surface Wat		/es	No Depth (inc	, <u> </u>		_		
Water Table		res				_		
Saturation P		/es	No Depth (inc	hes):		_ Wetla	and Hydrolog	yy Present? Yes NoX
(includes car	olliary iringe)	001100	itoring well seriel	notoc preside	uo ino	tions) if	ovoileble:	
Decerit - D	orded Dot- /-t	ualide mon	itoring well, aerial pl	iotos, previo	us inspec	uons), If a	avaliable:	
Describe Rec	orded Data (stream	gaage, mon						
Describe Rec	orded Data (stream	gaage, mon						
			served.					
	orded Data (stream) wetland hydrology i		served.					
			served.					
			served.					

Project/Site: Southwest Village Specific Plan Project		City/County: San Die	ego	Sampling Date: August 17, 2023
Applicant/Owner: Tri Point Homes			State: CA	Sampling Point: 106-UPL
Investigator(s): Andrew Smisek		Section, Township,	Range: Section 31, T18S	R01W
Landform (hillslope, terrace, etc.): Mesa		Local relief (concav	re, convex, none): none	Slope (%): 0
Subregion (LRR): C	Lat:	32.558362	Long: -117.018722	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes			NWI classificat	ion: none
Are climatic / hydrologic conditions on the site typical for	or this time of	year? Yes X	No (If no, explain i	n Remarks.)
Are Vegetation, Soil, or Hydrology _	signif	icantly disturbed?	Are "Normal Circumstance	ces" present? Yes X No
Are Vegetation , Soil , or Hydrology			(If needed, explain any ar	nswers in Remarks.)
SUMMARY OF FINDINGS – Attach site map s	howing sa	mpling point locatio	ns, transects, importa	nt features, etc.
Hydrophytic Vegetation Present? Yes	No X	Is the Sample	d Aroa	
Hydric Soil Present? Yes		within a Wetla	Yes	NoX
Wetland Hydrology Present? Yes	No X	_		
VEGETATION – Use scientific names of plant	t s. Absolute	Dominant Indicator	Dominance Test worl	kshaat
Tree Stratum (Plot size:)		Species? Status	 Number of Dominant S 	Species
1. <u>none</u> 2			That Are OBL, FACW, Total Number of Domir	
3.			Species Across All Stra	(b)
4			Percent of Dominant S That Are OBL, FACW,	•
Sapling/Shrub Stratum (Plot size:)				
1. none			Prevalence Index wor Total % Cover of:	
2.			OBL species	Multiply by:
3.			FACW species	x 1 = x 2 =
4 5.			_	x 3 =
5		= Total Cover	FACU species	x 4 =
Herb Stratum (Plot size:		rotal Coro.	UPL species	x 5 =
1. none			Column Totals:	(A) (B)
2.			Prevalence Ind	ex = B/A =
4.			Hydrophytic Vegetati	on Indicators:
5.			Dominance Test	is >50%
6.			Prevalence Inde	x is ≤3.0 ¹
7. 8.			_ '	daptations ¹ (Provide supporting arks or on a separate sheet)
		= Total Cover	Problematic Hyd	drophytic Vegetation¹ (Explain)
1 none			1Indicators of hydric o	oil and wetland hydrology must
				sturbed or problematic.
2		= Total Cover	Hydrophytic Vegetation	
% Bare Ground in Herb Stratum % Co	over of Biotic	Crust		/es NoX
Remarks:				

SOIL Sampling Point: 106-UPL

(inches) C	Color (moist)	%	Color	(moist)	%	Type ¹	Loc ²	Textu	ire		Kem	Remarks	
0-4 10Y	R 3/3	100				. .		sandy loa	am no	redox			
						- —— .		_					
						· ·		-					
													
								_					
¹ Type: C=Concentra Hydric Soil Indic							S. ²	Location: PL	=Pore Linin				
Histosol (A1)	ators. (Applio	abic to aii	Litito, un		Redox (S5	•			m Muck (/		-	00113	•
Histic Epiped	on (A2)		_		ed Matrix (S	,			m Muck (A				
Black Histic (_		Mucky Mir	,			duced Vei	, ,	,		
Hydrogen Su	Ifide (A4)		_	Loamy	Gleyed Ma	atrix (F2)		Re	d Parent N	/laterial	(TF2)		
Stratified Lay	ers (A5) (LRR (C)	_	Deplete	ed Matrix (I	F3)		Oth	ner (Explai	in in Re	marks)		
1 cm Muck (A	49) (LRR D)		_	Redox	Dark Surfa	ice (F6)							
	ow Dark Surfac	e (A11)	_		ed Dark Su	, ,							
Thick Dark Surface (A12) Sandy Mucky Mineral (S1)			_	_	Depression				tors of hyd		-		
Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4)				Vernal	Pools (F9)				land hydro	٠,	•	-	
Restrictive Layer	r (if present):												
Type:													
Type:													
Depth (inches):								Hydric Soi	il Present?	Y Y	es	No_	Х
Depth (inches): Remarks:								Hydric Soi	il Present?	Y	'es	No	X
Depth (inches): Remarks:		:						,	il Present?				
Depth (inches): Remarks: IYDROLOGY Wetland Hydrology	ogy Indicators		ed; check a	ull that app	oly)			,	Seconda	ry Indic		or more	
Depth (inches): Remarks: IYDROLOGY Wetland Hydrolo	ogy Indicators s (minimum of		ed; check a					,	Seconda Water	ry Indic Marks	cators (2 o	or more erine)	require
Depth (inches): Remarks: IYDROLOGY Wetland Hydrolo Primary Indicators	ogy Indicators s (minimum of o		ed; check a	Salt Cru	st (B11)			,	Seconda Water Sedin	ry Indio	cators (2 o (B1) (Riv posits (B2	or more erine)	require
Depth (inches): Remarks: YDROLOGY Wetland Hydrolo Primary Indicators Surface Wate	ogy Indicators s (minimum of e er (A1) able (A2)		ed; check a	Salt Cru Biotic C		des (B13)		,	Seconda Water Sedin	ry Indid Marks nent De Deposits	cators (2 o	or more erine) (Riveri verine)	require
Depth (inches): Remarks: IYDROLOGY Wetland Hydrolo Primary Indicators Surface Wate High Water T Saturation (A	ogy Indicators s (minimum of e er (A1) able (A2)	one require	ed; check a	Salt Cru Biotic Cr Aquatic	st (B11) rust (B12)			,	Seconda Water Sedin Drift C	ry Indic Marks nent De Deposits age Pat	cators (2 o (B1) (River) posits (B2 s (B3) (River)	or more erine) ?) (Riveri verine)	require
Depth (inches): Remarks: IYDROLOGY Wetland Hydrolo Primary Indicators Surface Wate High Water T Saturation (A Water Marks	ogy Indicators s (minimum of o er (A1) Table (A2)	one require		Salt Cru Biotic Co Aquatic Hydroge	st (B11) rust (B12) Invertebrat en Sulfide (Living Ro		Seconda Watel Sedin Drift E Draina Dry-S	ry Indic Marks nent De Deposits age Pat eason \	cators (2 o (B1) (River) posits (B2 s (B3) (River) tterns (B10	or more erine) ?) (Riveri verine))))	require
Depth (inches): Remarks: IYDROLOGY Wetland Hydrolo Primary Indicator: Surface Wate High Water T Saturation (A Water Marks Sediment De	ogy Indicators s (minimum of or er (A1) Table (A2) 3) (B1) (Nonriver	one require rine) onriverine)		Salt Cru Biotic Ci Aquatic Hydroge Oxidized	st (B11) rust (B12) Invertebrat en Sulfide (d Rhizosph	Odor (C1)	•		Seconda Water Sedin Drift E Drains Dry-S Thin M	ry Indic Marks nent De Deposits age Pat eason \	cators (2 o (B1) (River) posits (B2) (B3) (River) terns (B10) Water Tab	or more erine) ?) (Riveri verine))))	require
Depth (inches): Remarks: IYDROLOGY Wetland Hydrolo Primary Indicator: Surface Wate High Water T Saturation (A Water Marks Sediment De	ogy Indicators s (minimum of oper (A1) Table (A2) (B1) (Nonrive) (Posits (B2) (No	one require rine) onriverine)		Salt Cru Biotic Cr Aquatic Hydroge Oxidized Presend	st (B11) rust (B12) Invertebrat en Sulfide (d Rhizosph ee of Reduc	Odor (C1) eres along	4)	ots (C3)	Seconda Water Sedin Drift E Drain: Dry-S Thin M	ry Indic r Marks nent De Deposits age Pat eason \ Muck Su	cators (2 o (B1) (Riv.) posits (B2) s (B3) (Riv.) terns (B10) Water Tab. urface (C7)	or more erine) (P) (Riveriverine) (O) (O) (O) (O) (O) (O) (O) (O) (O) (O	require
Depth (inches): Remarks: IYDROLOGY Wetland Hydrolo Primary Indicators Surface Wate High Water T Saturation (A Water Marks Sediment De Drift Deposits Surface Soil	ogy Indicators s (minimum of oper (A1) Table (A2) (B1) (Nonrive) (Posits (B2) (No	one require rine) onriverine) erine)	——————————————————————————————————————	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presend Recent	st (B11) rust (B12) Invertebrat en Sulfide (d Rhizosph ee of Reduc	Odor (C1) eres along ced Iron (C4 ction in Tille	4)	ots (C3)	Seconda Water Sedin Drift Draina Dry-S Thin M	ry Indic r Marks nent De Deposits age Pat eason V Muck Su sh Burr ation Vi	cators (2 o (B1) (River) posits (B2 s (B3) (River) terns (B10 Water Tab urface (C7 rows (C8)	or more erine) (P) (Riveriverine) (O) (O) (O) (O) (O) (O) (O) (O) (O) (O	require
Depth (inches): Remarks: IYDROLOGY Wetland Hydrolo Primary Indicators Surface Wate High Water T Saturation (A Water Marks Sediment De Drift Deposits Surface Soil (Inundation Vi	ogy Indicators s (minimum of oper (A1) Table (A2) 3) (B1) (Nonriver) Posits (B2) (Noriver) S (B3) (Nonriver) Cracks (B6)	one require rine) onriverine) erine)	——————————————————————————————————————	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presend Recent	st (B11) rust (B12) Invertebrat en Sulfide (d Rhizosph ee of Reduc	Odor (C1) heres along heed Iron (C4 herein in Tiller he (C7)	4)	ots (C3)	Seconda Water Sedin Drift E Drain: Dry-S Thin N Crayfi Satura	ry Indic r Marks nent De Deposits age Pat eason \ Muck Su sh Burr ation Visow Aqui	cators (2 o (B1) (River) posits (B2) s (B3) (River) terns (B10) Water Table water Table urface (C7) rows (C8) sible on A	or more erine) (P) (Riveriverine) (O) (O) (O) (O) (O) (O) (O) (O) (O) (O	require
Depth (inches): Remarks: IYDROLOGY Wetland Hydrolo Primary Indicators Surface Wate High Water T Saturation (A Water Marks Sediment De Drift Deposits Surface Soil (Inundation Vi) Water-Staine	ogy Indicators s (minimum of oper (A1) Table (A2) 3) (B1) (Nonriver posits (B2) (No s (B3) (Nonrive Cracks (B6) isible on Aerial ad Leaves (B9) ns:	one require rine) onriverine) erine) Imagery (B	37)	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presend Recent Thin Mu Other (E	st (B11) rust (B12) Invertebraten Sulfide (d Rhizosphere of Reduction Reduction Reduction Responding in Respondin	Odor (C1) heres along heed Iron (C4 herein in Tiller he (C7)	4)	ots (C3)	Seconda Water Sedin Drift E Drain: Dry-S Thin N Crayfi Satura	ry Indic r Marks nent De Deposits age Pat eason \ Muck Su sh Burr ation Visow Aqui	cators (2 o (B1) (River) posits (B2) & (B3) (River) terns (B10) Water Taburface (C7) rows (C8) sible on A tard (D3)	or more erine) (P) (Riveriverine) (O) (O) (O) (O) (O) (O) (O) (O) (O) (O	require
Depth (inches): Remarks: IYDROLOGY Wetland Hydrolo Primary Indicators Surface Wate High Water T Saturation (A Water Marks Sediment De Drift Deposits Surface Soil (Inundation Vi Water-Staine Field Observation Surface Water Press	ogy Indicators s (minimum of oper (A1) Table (A2) 3) (B1) (Nonriver posits (B2) (No s (B3) (Nonriver Cracks (B6) isible on Aerial and Leaves (B9) ns: esent?	one require rine) priverine) Imagery (B	37)	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presend Recent Thin Mu Other (E	st (B11) rust (B12) Invertebraten Sulfide (d Rhizosphere of Reduction Reduction Reduction Respective Surface explain in Reductions.	Odor (C1) heres along heed Iron (C4 herein in Tiller he (C7)	4)	ots (C3)	Seconda Water Sedin Drift E Drain: Dry-S Thin N Crayfi Satura	ry Indic r Marks nent De Deposits age Pat eason \ Muck Su sh Burr ation Visow Aqui	cators (2 o (B1) (River) posits (B2) & (B3) (River) terns (B10) Water Taburface (C7) rows (C8) sible on A tard (D3)	or more erine) (P) (Riveriverine) (O) (O) (O) (O) (O) (O) (O) (O) (O) (O	require
Depth (inches): Remarks: IYDROLOGY Wetland Hydrolo Primary Indicators Surface Wate High Water T Saturation (A Water Marks Sediment De Drift Deposits Surface Soil (Inundation Vi Water-Staine Field Observation Water Table Preso	ogy Indicators s (minimum of oper (A1) Table (A2) 3) (B1) (Nonriver posits (B2) (No s (B3) (Nonriver Cracks (B6) isible on Aerial and Leaves (B9) ns: esent?	one require rine) onriverine) Imagery (B	No	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presend Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebrat en Sulfide (d Rhizosph ee of Reduc fron Reduc ck Surface Explain in R ches): ches):	Odor (C1) heres along heed Iron (C4 herein in Tiller he (C7)	4) d Soils (C	ots (C3)	Seconda Water Sedin Drift D Draina Dry-S Thin N Crayfi Satura Shallo	ry Indic r Marks nent De Deposits age Pat eason V Muck Su ish Burr ation Visow Aqui Neutral	cators (2 of (B1) (River) posits (B2) (River) (B1) Water Taburface (C7) rows (C8) sible on A tard (D3) Test (D5)	or more erine) () (Riveri verine) ()) ()) ()) ()) ())	require ne) gery (C
Depth (inches): Remarks: IYDROLOGY Wetland Hydrolo Primary Indicators Surface Wate High Water T Saturation (A Water Marks Sediment De Drift Deposits Surface Soil (Inundation Vi Water-Staine Field Observation Surface Water Presonate Table Presonate Company C	ogy Indicators s (minimum of oper (A1) Table (A2) 3) (B1) (Nonriver posits (B2) (No s (B3) (Nonriver Cracks (B6) isible on Aerial and Leaves (B9) ns: esent? it?	one require rine) priverine) Imagery (B	No	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presend Recent Thin Mu Other (E	st (B11) rust (B12) Invertebrat en Sulfide (d Rhizosph ee of Reduc fron Reduc ck Surface Explain in R ches): ches):	Odor (C1) heres along heed Iron (C4 herein in Tiller he (C7)	4) d Soils (C	ots (C3)	Seconda Water Sedin Drift D Draina Dry-S Thin N Crayfi Satura Shallo	ry Indic r Marks nent De Deposits age Pat eason V Muck Su ish Burr ation Visow Aqui Neutral	cators (2 o (B1) (River) posits (B2) & (B3) (River) terns (B10) Water Taburface (C7) rows (C8) sible on A tard (D3)	or more erine) () (Riveri verine) ()) ()) ()) ()) ())	require ne) gery (C
Depth (inches): Remarks: IYDROLOGY Wetland Hydrolo Primary Indicators Surface Wate High Water T Saturation (A Water Marks Sediment De Drift Deposits Surface Soil (Inundation Vi	ogy Indicators s (minimum of oper (A1) Table (A2) 3) (B1) (Nonriver posits (B2) (No s (B3) (Nonriver Cracks (B6) isible on Aerial and Leaves (B9) ns: esent? it? ifringe)	one require rine) onriverine) Imagery (B	No	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presend Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebrat en Sulfide (d Rhizosph ee of Reduct iron Reduct ck Surface explain in R ches): ches): ches):	Odor (C1) eres along ced Iron (C4 tion in Tiller (C7) emarks)	4) d Soils (C	ots (C3)	Seconda Water Sedin Drift D Draina Dry-S Thin N Crayfi Satura Shallo	ry Indic r Marks nent De Deposits age Pat eason V Muck Su ish Burr ation Visow Aqui Neutral	cators (2 of (B1) (River) posits (B2) (River) (B1) Water Taburface (C7) rows (C8) sible on A tard (D3) Test (D5)	or more erine) () (Riveri verine) ()) ()) ()) ()) ())	require ne) gery (C
Depth (inches): Remarks: IYDROLOGY Wetland Hydrolo Primary Indicators Surface Wate High Water T Saturation (A Water Marks Sediment De Drift Deposits Surface Soil (Inundation Vi Water-Staine Field Observation Surface Water Presentation	ogy Indicators s (minimum of oper (A1) Table (A2) 3) (B1) (Nonriver posits (B2) (No s (B3) (Nonriver Cracks (B6) isible on Aerial and Leaves (B9) ns: esent? it? ifringe)	one require rine) onriverine) Imagery (B	No	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presend Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebrat en Sulfide (d Rhizosph ee of Reduct iron Reduct ck Surface explain in R ches): ches): ches):	Odor (C1) eres along ced Iron (C4 tion in Tiller (C7) emarks)	4) d Soils (C	ots (C3)	Seconda Water Sedin Drift D Draina Dry-S Thin N Crayfi Satura Shallo	ry Indic r Marks nent De Deposits age Pat eason V Muck Su ish Burr ation Visow Aqui Neutral	cators (2 of (B1) (River) posits (B2) (River) (B1) Water Taburface (C7) rows (C8) sible on A tard (D3) Test (D5)	or more erine) () (Riveri verine) ()) ()) ()) ()) ())	require ne) gery (C
Depth (inches): Remarks: IYDROLOGY Wetland Hydrolo Primary Indicators Surface Wate High Water T Saturation (A Water Marks Sediment De Drift Deposits Surface Soil (Inundation Vi Water-Staine Field Observation Surface Water Presentation	ogy Indicators s (minimum of oper (A1) Table (A2) 3) (B1) (Nonriver posits (B2) (No s (B3) (Nonriver Cracks (B6) isible on Aerial and Leaves (B9) ns: esent? it? ifringe)	one require rine) onriverine) Imagery (B	No	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presend Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebrat en Sulfide (d Rhizosph ee of Reduct iron Reduct ck Surface explain in R ches): ches): ches):	Odor (C1) eres along ced Iron (C4 tion in Tiller (C7) emarks)	4) d Soils (C	ots (C3)	Seconda Water Sedin Drift D Draina Dry-S Thin N Crayfi Satura Shallo	ry Indic r Marks nent De Deposits age Pat eason V Muck Su ish Burr ation Visow Aqui Neutral	cators (2 of (B1) (River) posits (B2) (River) (B1) Water Taburface (C7) rows (C8) sible on A tard (D3) Test (D5)	or more erine) () (Riveri verine) ()) ()) ()) ()) ())	require ne) gery (C
Pepth (inches): Remarks: YDROLOGY Wetland Hydrolo Primary Indicator: Surface Wate High Water T Saturation (A Water Marks Sediment De Drift Deposits Surface Soil 0 Inundation Vi Water-Staine Field Observation Surface Water Presonation Presentincludes capillary escribe Recorded	ogy Indicators s (minimum of oper (A1) Table (A2) 3) (B1) (Nonriver posits (B2) (No s (B3) (Nonriver Cracks (B6) isible on Aerial and Leaves (B9) ns: esent? it? ifringe)	one require rine) onriverine) Imagery (B	No	Salt Cru Biotic Ci Aquatic Hydroge Oxidized Presend Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebrat en Sulfide (d Rhizosph ee of Reduct iron Reduct ck Surface explain in R ches): ches): ches):	Odor (C1) eres along ced Iron (C4 tion in Tiller (C7) emarks)	4) d Soils (C	ots (C3)	Seconda Water Sedin Drift D Draina Dry-S Thin N Crayfi Satura Shallo	ry Indic r Marks nent De Deposits age Pat eason V Muck Su ish Burr ation Visow Aqui Neutral	cators (2 of (B1) (River) posits (B2) (River) (B1) Water Taburface (C7) rows (C8) sible on A tard (D3) Test (D5)	or more erine) () (Riveri verine) ()) ()) ()) ()) ())	require ne) gery (C

Project/Site: Southwest Village Specific Plan Project		City/County	r: San Dieg	0	Sa	mpling Date	e: <u>6/27/</u>	23
Applicant/Owner: Tri Point Homes				State:	CA Sa	mpling Poin	ıt: <u>110-l</u>	JPL
Investigator(s): Andrew Smisek		Section, T	ownship, R	ange: Section 31,	T18S R01	W		
Landform (hillslope, terrace, etc.): berm on mesa		Local relie	f (concave,	convex, none): convex	nvex	Slo	ope (%):	5
Subregion (LRR): C	Lat:	32.55890		Long: <u>-117.0186</u> 6	6	Dati	um: <u>NA</u> E	083
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI class	sification:	none		
Are climatic / hydrologic conditions on the site typical f	or this time of	fyear? Yes _	x No	o(If no, exp	olain in Rei	marks.)		
Are Vegetationx,Soilx,or Hydrology	signif	icantly disturbe	d?	Are "Normal Circum	nstances" p	resent? Ye	s x	No
Are Vegetation, Soil, or Hydrology	natur	ally problemation	?	(If needed, explain a	any answe	rs in Remar	ks.)	
SUMMARY OF FINDINGS – Attach site map s	showing sa	mpling point	location	s, transects, imp	ortant fe	atures, et	c.	
Hydrophytic Vegetation Present? Yes	No x			_				
Hydric Soil Present? Yes	No x		Sampled a Wetlan	Y	es	No	х	
Wetland Hydrology Present? Yes	No x	Within	i a vveliali	ur				
Remarks: Paired sample point for feature #110.								
Tromano. Tanca campio point or roadare #115.								
VEGETATION – Use scientific names of plan								
VEGETATION - Use scientific frames of plan	Absolute	Dominant	Indicator	Dominance Test	t workshe	et:		
<u>Tree Stratum</u> (Plot size:)		Species?	Status	Number of Domir				
1				That Are OBL, FA			0	(A)
2				Total Number of				
3				Species Across A			2	(B)
4				Percent of Domin That Are OBL, FA			0	(A/B)
Continue (Charles Charters (Diet sine)		= Total Cover		,	, -		_	` ′
Sapling/Shrub Stratum (Plot size:	1			Dravelence Indo	v weeksh			
1. 2.				Prevalence Inde			tiply by:	
3.				OBL species	0	x 1 =	0	_
4.				FACW species	0	x 2 =	0	
5.				FAC species	3	_ x3=	9	_
		= Total Cover		FACU species	20	x 4 =	100	
Herb Stratum (Plot size:)	-	- 10101 00101		UPL species	35	x 5 =	175	
1. Glebionis coronaria	35	Υ	UPL	Column Totals:	58	(A)	284	(B)
2. Bromus diandrus	15	Υ	FACU	- Danielani		D/A 4.0		
3. Bromus hordeaceus	5	N	FACU	Prevalend	ce Index = I	B/A = 4.9		
4. Lysimachia arvensis	3	N	FAC	Hydrophytic Ve	getation In	dicators:		
5.				Dominance	e Test is >5	50%		
6.				Prevalence	e Index is ≤	3.0 ¹		
7. 8.						ations¹ (Prov er on a sepa		
	 58	= Total Cove	r			ytic Vegetat		,
Woody Vine Stratum (Plot size:)	2 0010		i iobiciliati	o i iyaiopii	, v ogolal	(LA	-14111)
1.				¹ Indicators of hy	dric soil an	d wetland h	ydrolog	/ must
2.				be present, unle				,
	58	= Total Cover		Hydrophytic				
				Vegetation				
% Bare Ground in Herb Stratum % C	over of Biotic	Crust		Present?	Yes_		No_x	
Remarks: The sample area does not support a predo	minance of h	ydrophytic vege	etation.	•				

SOIL Sampling Point: 110-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			Redox Featu	res		_				
(inches)	Color (moist)	<u>%</u>	Color (moist)	%	Type ¹	Loc ²	Texture		Rema	arks	
0-18	10YR 5/1	100					sandy clay				
		·									
	-										
		· —— —			 -		-				
							_				
		·					_				
		<u></u>									
¹ Type: C=Co	ncentration, D=Depletio	n, RM=Reduced N	Matrix, CS=Cove	red or Coated	Sand Grains	s. ²	Location: PL=P	ore Lining, RC	=Root Channe	l, M=Matrix.	
Hydric Soil	Indicators: (Applic	able to all LRR	Rs, unless oth	erwise note	d.)		Indicator	s for Proble	ematic Hydri	c Soils ³ :	
Histoso	l (A1)		Sand	Redox (S5)			1 cm	Muck (A9) (LRR C)		
	pipedon (A2)			ed Matrix (Se				Muck (A10)	,		
	listic (A3)			y Mucky Mine	,			ced Vertic (F			
	en Sulfide (A4)			y Gleyed Mat				Parent Mate			
	d Layers (A5) (LRR	C)		ted Matrix (F				(Explain in			
	uck (A9) (LRR D)	-,		k Dark Surfac	,			(,		
	d Below Dark Surfac	e (A11)		ted Dark Sur	` '						
	ark Surface (A12)	(*****)		k Depression			3Indicators	s of hydroph	ytic vegetatio	n and	
	Mucky Mineral (S1)			l Pools (F9)	- ()				must be pre		
	Gleyed Matrix (S4)								or problemation		
							1				
	Layer (if present):										
Type:			=								
Depth (inc	hes):		_				Hydric Soil P	resent?	Yes	No	x
HYDROLO	GY										
	ydrology Indicators	-					Se	condary In	dicators (2 d	r more rec	uired)
-			nock all that ar	naly)			<u> </u>				<u>uneu)</u>
	icators (minimum of	one required, cr						_	rks (B1) (Rive		
	e Water (A1)			ust (B11)			_	_	Deposits (B2)
High W	ater Table (A2)			Crust (B12)				-	sits (B3) (Riv		
	ion (A3)		Aquatio	c Invertebrate	es (B13)		_	_	Patterns (B10		
Water M	Marks (B1) (Nonrive	rine)	Hydrog	jen Sulfide O	dor (C1)			_Dry-Seaso	on Water Tab	le (C2)	
Sedime	ent Deposits (B2) (No	nriverine)	Oxidize	ed Rhizosphe	eres along	Living Ro	ots (C3)	_Thin Muck	Surface (C7)	
Drift De	posits (B3) (Nonrive	erine)	Preser	ce of Reduce	ed Iron (C4	1)		Crayfish B	surrows (C8)		
Surface	Soil Cracks (B6)		Recent	Iron Reducti	ion in Tilled	d Soils (C	·6)	Saturation	Visible on A	erial Imagei	y (C9)
Inundat	tion Visible on Aerial	Imagery (B7)	Thin M	uck Surface	(C7)			Shallow A	quitard (D3)		
Water-S	Stained Leaves (B9)		Other (Explain in Re	emarks)			FAC-Neut	ral Test (D5)		
	. ,			· '				_			
Field Obser		,	D 41 (*)								
Surface Wat		/es No	,	nches):		_					
Water Table				nches):		_					
Saturation P		es No	Depth (i	nches):		Wetla	and Hydrolog	y Present?	Yes	No	X
(includes ca											
Describe Rec	corded Data (stream	gauge, monitori	ing well, aerial	photos, previ	ious inspe	ctions), if	available:				
Remarks: No	wetland hydrology i	ndicators obser	ved.								

Project/Site: Southwest Village Specific Plan	Project	City/Cou	nty: San Dieg	10	Sam	pling Date	e: <u>5/10/2</u>	3
Applicant/Owner: Tri Point Homes				State:	CA Sam	pling Poin	nt: <u>111-U</u>	PL
Investigator(s): Andrew Smisek		Section	, Township, R	Range: Section 31,	T18S R01W			
Landform (hillslope, terrace, etc.): mesa		Local re	elief (concave	, convex, none): cor	nvex	Slo	ope (%):	0
Subregion (LRR): C	Lat	32.55438		Long: -117.02392	2	Date	um: <u>NAD</u>	83
Soil Map Unit Name: Huerhuero loam 2-9%	slopes			NWI class	sification: no	ne		
Are climatic / hydrologic conditions on the site	typical for this time	of year? Yes	<u>x</u> No	o(If no, exp	olain in Rema	arks.)		
Are Vegetation, Soil, or Hyd	drologysign	nificantly distur	bed?	Are "Normal Circum	stances" pre	sent? Ye	s x	No
Are Vegetation, Soil, or Hyd	drologynat	urally problema	atic?	(If needed, explain a	any answers	in Remar	ks.)	
SUMMARY OF FINDINGS – Attach site	e map showing s	sampling poi	int location	s, transects, imp	ortant feat	ures, et	c.	
Hydrophytic Vegetation Present? Yes	s No >	(h - 0l- d	A				
		(he Sampled hin a Wetlan	Ye	es	No	Х	
Wetland Hydrology Present? Yes	No	<u> </u>						
VEGETATION – Use scientific names	of plants.	o Dominant	Indicator	Dominance Test	workshoot			
Tree Stratum (Plot size:			Status	Number of Domir That Are OBL, FA	nant Species		0	(A)
2.				Total Number of I Species Across A	Dominant	·	3	(/) (B)
4.			· 	Percent of Domin	ant Species	-		(D)
· ·		= Total Cov	er	That Are OBL, FA	ACW, or FAC):	0%	(A/B)
Sapling/Shrub Stratum (Plot size:)							
1.			·	Prevalence Inde	x workshee	t:		
2				Total % Cove	er of:	Mul	tiply by:	_
3				OBL species	0	x 1 =	0	_
4				FACW species	0	x 2 =		_
5				FAC species	4	x 3 =	12	_
Harb Chratisms (Distains)		= Total Cov	er	FACU species	65	x 4 =	260	_
Herb Stratum (Plot size: 1. Bromus hordeaceus	_	Y	FACU	UPL species Column Totals:	5 74	x 5 = (A)	25 297	(B)
Stipa pulchra		 N	UPL	Coldinii Totals.	7-7	(~)	231	_(b)
Deinandra fasciculata			FACU	Prevalenc	ce Index = B/	A = <u>4</u>		_
Festuca perennis	4	N	FAC	Hydrophytic Veg	netation Ind	icators:		
5. Erodium botrys		Y	FACU		Test is >50			
6.		<u> </u>			Index is ≤3.			
7.					ical Adaptati		vide supp	orting
8.				data in I	Remarks or o	on a sepa	rate shee	et)
	74	= Total Co	ver	Problemati	c Hydrophyti	c Vegetat	tion¹ (Exp	lain)
Woody Vine Stratum (Plot size:)							
1. 2.				¹ Indicators of hybe present, unle				must
9/ Para Cround in Horb Stratum 74	0/ Cover of Di-	= Total Cov	er	Hydrophytic Vegetation	Vaa		No. 15	
% Bare Ground in Herb Stratum 74	% Cover of Bio			Present?	Yes	r	No_x	
Remarks: The sample area does not support	a predominance of	hydrophytic ve	egetation.					

SOIL Sampling Point: 111-UPL

(inches) Color (mois			dox Features		_	
0.40 40VD 4/0	st) %	Color (moist)	% Type	1 Loc ²	Texture	Remarks
0-18 10YR 4/3	100				clay loam	no redox
		_				
		_				
				_	·	-
·						-
				_		
					- · -	
¹ Type: C=Concentration, D=De	·			rains. ²		Lining, RC=Root Channel, M=Matrix.
Hydric Soil Indicators: (A	applicable to all LI				Indicators fo	or Problematic Hydric Soils ³ :
Histosol (A1)			edox (S5)			ck (A9) (LRR C)
Histic Epipedon (A2)			Matrix (S6)			ck (A10) (LRR B)
Black Histic (A3)			Mucky Mineral (F1			Vertic (F18)
Hydrogen Sulfide (A4)			Bleyed Matrix (F2)		ent Material (TF2)
Stratified Layers (A5) (,		d Matrix (F3)		Other (Ex	xplain in Remarks)
1 cm Muck (A9) (LRR	•		ark Surface (F6)			
Depleted Below Dark S			d Dark Surface (F	7)	31	budanahudia un matatian anad
Thick Dark Surface (A			Depressions (F8)			hydrophytic vegetation and
Sandy Mucky Mineral (Sandy Gleyed Matrix (` '	vemai P	ools (F9)			ydrology must be present, sturbed or problematic.
					uniess dis	sturbed of problematic.
Restrictive Layer (if prese	ent):					
Type:						
Depth (inches):		_			Hydric Soil Pres	ent? Yes No x
YDROLOGY						
	ators:				Seco	ndary Indicators (2 or more require
IYDROLOGY Wetland Hydrology Indic Primary Indicators (minimu		check all that apply	<i>(</i>)			ndary Indicators (2 or more require
Wetland Hydrology Indic Primary Indicators (minimu					W	ater Marks (B1) (Riverine)
Wetland Hydrology Indic Primary Indicators (minimu Surface Water (A1)	ım of one required;	Salt Crus	t (B11)			/ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine)
Wetland Hydrology Indic Primary Indicators (minimu Surface Water (A1) High Water Table (A2)	ım of one required;	Salt Crus	t (B11) st (B12)	o)		/ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine)
Wetland Hydrology Indic Primary Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3)	ım of one required;	Salt Crus Biotic Cru Aquatic Ir	t (B11) st (B12) overtebrates (B13			rater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10)
Wetland Hydrology Indic Primary Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (No	um of one required;	Salt Crus Biotic Cru Aquatic Ir Hydrogen	t (B11) st (B12) overtebrates (B13 o Sulfide Odor (C	1)		Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2)
Wetland Hydrology Indic Primary Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Notes) Sediment Deposits (B2)	um of one required; nriverine) 2) (Nonriverine)	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized	t (B11) st (B12) evertebrates (B13) Sulfide Odor (C2 Rhizospheres alc	1) ong Living Roo		Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7)
Wetland Hydrology Indic Primary Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (No Sediment Deposits (B2) Drift Deposits (B3) (No	nriverine) (Nonriverine) (nriverine)	Salt Crusi Biotic Cru Aquatic Ir Hydroger Oxidized Presence	t (B11) st (B12) evertebrates (B13) Sulfide Odor (C' Rhizospheres alc of Reduced Iron	ng Living Roo (C4)		Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8)
Wetland Hydrology Indic Primary Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (No Sediment Deposits (B2 Drift Deposits (B3) (No Surface Soil Cracks (B	nriverine) (Nonriverine) (nriverine) (nriverine) (nriverine)	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ire	t (B11) st (B12) nvertebrates (B13) Sulfide Odor (C' Rhizospheres alc of Reduced Iron on Reduction in T	ng Living Roo (C4)		Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C5)
Wetland Hydrology Indic Primary Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (No Sediment Deposits (B2) Drift Deposits (B3) (No Surface Soil Cracks (B Inundation Visible on	nriverine) 2) (Nonriverine) pnriverine) 86) Aerial Imagery (B7)	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ire Thin Muci	t (B11) st (B12) evertebrates (B13) Sulfide Odor (C ² Rhizospheres alc of Reduced Iron on Reduction in T k Surface (C7)	1) ong Living Roo (C4) Tilled Soils (C6		Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C8) rhallow Aquitard (D3)
Wetland Hydrology Indic Primary Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (No Sediment Deposits (B2 Drift Deposits (B3) (No Surface Soil Cracks (B	nriverine) 2) (Nonriverine) pnriverine) 86) Aerial Imagery (B7)	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ire Thin Muci	t (B11) st (B12) nvertebrates (B13) Sulfide Odor (C' Rhizospheres alc of Reduced Iron on Reduction in T	1) ong Living Roo (C4) Tilled Soils (C6		Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C5)
Wetland Hydrology Indic Primary Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (No Sediment Deposits (B2) Drift Deposits (B3) (No Surface Soil Cracks (B Inundation Visible on A Water-Stained Leaves	nriverine) (2) (Nonriverine) (36) (Aerial Imagery (B7)	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex	t (B11) st (B12) nvertebrates (B13) sulfide Odor (C' Rhizospheres alc of Reduced Iron on Reduction in T k Surface (C7) plain in Remarks	1) ong Living Roo (C4) Tilled Soils (C6		Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C8) rhallow Aquitard (D3)
Wetland Hydrology Indic Primary Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (No Sediment Deposits (B2) Drift Deposits (B3) (No Surface Soil Cracks (B Inundation Visible on A Water-Stained Leaves Field Observations:	nriverine) (2) (Nonriverine) (36) (Aerial Imagery (B7)	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ire Thin Muci	t (B11) st (B12) nvertebrates (B13) sulfide Odor (C' Rhizospheres alc of Reduced Iron on Reduction in T k Surface (C7) plain in Remarks	1) ong Living Roo (C4) Tilled Soils (C6		Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C8) rhallow Aquitard (D3)
Wetland Hydrology Indic Primary Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Not Sediment Deposits (B2) Drift Deposits (B3) (Not Surface Soil Cracks (B1) Inundation Visible on A1 Water-Stained Leaves Field Observations: Surface Water Present?	nriverine) 2) (Nonriverine) porriverine) 86) Aerial Imagery (B7) (B9)	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex	at (B11) Invertebrates (B13) Invertebrates (B13) Invertebrates (B13) Invertebrates (B13) Invertebrates (C7) Invertebrates (B13	1) ong Living Roo (C4) Tilled Soils (C6		Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C8) rhallow Aquitard (D3)
Wetland Hydrology Indic Primary Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (No Sediment Deposits (B2) Drift Deposits (B3) (No Surface Soil Cracks (B Inundation Visible on A Water-Stained Leaves Field Observations: Surface Water Present? Water Table Present? Saturation Present?	nriverine) 2) (Nonriverine) borriverine) 36) Aerial Imagery (B7) (B9) Yes 1	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Muci Other (Ex	at (B11) Invertebrates (B13) Invertebrates (B13) Invertebrates (B13) Invertebrates (B13) Invertebrates (C7)	I) Ing Living Roo (C4) Filled Soils (C6)		Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rrift Deposits (B3) (Riverine) rrainage Patterns (B10) rry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C8) rhallow Aquitard (D3) AC-Neutral Test (D5)
Wetland Hydrology Indic Primary Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (No Sediment Deposits (B3) (No Surface Soil Cracks (B Inundation Visible on A Water-Stained Leaves Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	nriverine) 2) (Nonriverine) 36) Aerial Imagery (B7) (B9) Yes N Yes N	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex No Depth (inch No Depth (inch	at (B11) ast (B12) avertebrates (B13) a Sulfide Odor (C ² Rhizospheres alcoor Reduced Iron on Reduction in Tax as Surface (C7) plain in Remarks anes): anes): anes):	ng Living Roo (C4) Filled Soils (C6)	W S S D S S S S S S S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rrift Deposits (B3) (Riverine) rrainage Patterns (B10) rry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C8) rhallow Aquitard (D3) AC-Neutral Test (D5)
Wetland Hydrology Indic Primary Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (No Sediment Deposits (B3) (No Surface Soil Cracks (B Inundation Visible on A Water-Stained Leaves Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	nriverine) 2) (Nonriverine) 36) Aerial Imagery (B7) (B9) Yes N Yes N	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex No Depth (inch No Depth (inch	at (B11) ast (B12) avertebrates (B13) a Sulfide Odor (C ² Rhizospheres alcoor Reduced Iron on Reduction in Tax as Surface (C7) plain in Remarks anes): anes): anes):	ng Living Roo (C4) Filled Soils (C6)	W S S D S S S S S S S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rrift Deposits (B3) (Riverine) rrainage Patterns (B10) rry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C8) rhallow Aquitard (D3) AC-Neutral Test (D5)
Wetland Hydrology Indic Primary Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (No Sediment Deposits (B3) (No Surface Soil Cracks (B Inundation Visible on A Water-Stained Leaves Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	nriverine) 2) (Nonriverine) 36) Aerial Imagery (B7) (B9) Yes N Yes N	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex No Depth (inch No Depth (inch	at (B11) ast (B12) avertebrates (B13) a Sulfide Odor (C ² Rhizospheres alcoor Reduced Iron on Reduction in Tax as Surface (C7) plain in Remarks anes): anes): anes):	ng Living Roo (C4) Filled Soils (C6)	W S S D S S S S S S S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (Ca) hallow Aquitard (D3) AC-Neutral Test (D5)
Wetland Hydrology Indic Primary Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (No Sediment Deposits (B3) (No Surface Soil Cracks (B Inundation Visible on A Water-Stained Leaves Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (str	nriverine) 2) (Nonriverine) 36) Aerial Imagery (B7) (B9) Yes N Yes N Yes N Yes N	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex No Depth (inch No Depth (inch oring well, aerial ph	at (B11) ast (B12) avertebrates (B13) a Sulfide Odor (C ² Rhizospheres alcoor Reduced Iron on Reduction in Tax as Surface (C7) plain in Remarks anes): anes): anes):	ng Living Roo (C4) Filled Soils (C6)	W S S D S S S S S S S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (Ca) hallow Aquitard (D3) AC-Neutral Test (D5)
Wetland Hydrology Indic Primary Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (No Sediment Deposits (B3) (No Surface Soil Cracks (B Inundation Visible on A Water-Stained Leaves Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (str	nriverine) 2) (Nonriverine) 36) Aerial Imagery (B7) (B9) Yes N Yes N Yes N Yes N	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex No Depth (inch No Depth (inch oring well, aerial ph	at (B11) ast (B12) avertebrates (B13) a Sulfide Odor (C ² Rhizospheres alcoor Reduced Iron on Reduction in Tax as Surface (C7) plain in Remarks anes): anes): anes):	ng Living Roo (C4) Filled Soils (C6)	W S S D S S S S S S S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rrift Deposits (B3) (Riverine) rrainage Patterns (B10) rry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C8) rhallow Aquitard (D3) AC-Neutral Test (D5)
Wetland Hydrology Indic Primary Indicators (minimu Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (No Sediment Deposits (B3) (No Surface Soil Cracks (B Inundation Visible on A Water-Stained Leaves Field Observations: Surface Water Present? Water Table Present? Saturation Present? Saturation Present? Sincludes capillary fringe) escribe Recorded Data (str	nriverine) 2) (Nonriverine) 36) Aerial Imagery (B7) (B9) Yes N Yes N Yes N Yes N	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex No Depth (inch No Depth (inch oring well, aerial ph	at (B11) ast (B12) avertebrates (B13) a Sulfide Odor (C ² Rhizospheres alcoor Reduced Iron on Reduction in Tax as Surface (C7) plain in Remarks anes): anes): anes):	ng Living Roo (C4) Filled Soils (C6)	W S S D S S S S S S S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C hallow Aquitard (D3) AC-Neutral Test (D5)
Primary Indicators (minimum Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Notes Sediment Deposits (B3) (Notes Surface Soil Cracks (Base) Inundation Visible on Assertices (A1)	nriverine) 2) (Nonriverine) 36) Aerial Imagery (B7) (B9) Yes N Yes N Yes N Yes N	Salt Crusi Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ir Thin Mucl Other (Ex No Depth (inch No Depth (inch oring well, aerial ph	at (B11) ast (B12) avertebrates (B13) a Sulfide Odor (C ² Rhizospheres alcoor Reduced Iron on Reduction in Tax as Surface (C7) plain in Remarks anes): anes): anes):	ng Living Roo (C4) Filled Soils (C6)	W S S D S S S S S S S	Vater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rrift Deposits (B3) (Riverine) rrainage Patterns (B10) rry-Season Water Table (C2) rin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C8) rhallow Aquitard (D3) AC-Neutral Test (D5)

Project/Site: Southwest Village Specific Plan Project		City/County	/: San Dieg	0	Sar	mpling Date	5/10/2	23
Applicant/Owner: Tri Point Homes				State:	CA Sar	mpling Poin	t: <u>113-U</u>	IPL
Investigator(s): Andrew Smisek		Section, T	ownship, R	ange: Section 31,	T18S R01\	٧		
Landform (hillslope, terrace, etc.): mesa		Local relie	ef (concave,	convex, none): nor	ne	Slo	pe (%):	2
Subregion (LRR): C	Lat:	32.55440		Long: -117.02325	5	Datu	ım: <u>NAD</u>	83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI class	sification: r	none		
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes _	x No	o(If no, exp	olain in Ren	narks.)		
Are Vegetation, Soilx,or Hydrology	signifi	cantly disturbe	d? .	Are "Normal Circum	stances" p	resent? Ye	s <u>x</u>	No
Are Vegetation, Soil, or Hydrology	natura	ally problemation	?	(If needed, explain a	any answer	s in Remarl	(s.)	
SUMMARY OF FINDINGS – Attach site map sl	nowing sa	mpling point	tlocations	s, transects, imp	ortant fea	atures, etc).	
Hydrophytic Vegetation Present? Yes	No x							
Hydric Soil Present? Yes	No x		e Sampled . n a Wetland	Y	es	No	<u> </u>	
Wetland Hydrology Present? Yes	No x		ii a vveliaiii	u :				
Remarks: Paired sample point for feature #113. VEGETATION – Use scientific names of plants	S.							
-	Absolute	Dominant	Indicator	Dominance Test	workshee	et:		
Tree Stratum (Plot size:) 1.	% Cover	Species?	Status	Number of Domir That Are OBL, FA			0	(A)
2.				Total Number of I	Dominant		_	
3				Percent of Domin			2	(B)
4		Total Cause		That Are OBL, FA			0%	(A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cover						
1.				Prevalence Inde	x workshe	et:		
2.				Total % Cove			iply by:	
3.				OBL species	0	x 1 =	0	
4.				FACW species	0	x 2 =	0	
5.				FAC species	3	x 3 =	9	
		= Total Cover		FACU species	36	x 4 =	144	
Herb Stratum (Plot size:				UPL species	2	x 5 =	10	
Mesembryantheumum nodiflorum	15	Υ	FACU	Column Totals:	41	(A)	163	(B)
2. Deinandra fasciculata	5	N	FACU	Prevalenc	e Index = E	3/A = 4.0		
3. Lamarckia aurea	1	N	FACU					
4. Festuca perennis	3	N	FAC	Hydrophytic Veg	getation In	dicators:		
5. Bromus rubens	2	N	UPL	Dominance	e Test is >5	0%		
6. Erodium botrys	15	Y	FACU	Prevalence	Index is ≤	3.0 ¹		
7. 8.						tions¹ (Prov r on a separ		
	41	= Total Cove	r	Problemati	c Hydrophy	rtic Vegetati	on¹ (Exp	olain)
Woody Vine Stratum (Plot size:)					, , ,	J	` '	,
1				¹ Indicators of hy				must
2.				be present, unle	ss disturbe	d or probler	natic.	
	41	= Total Cover		Hydrophytic				
% Bare Ground in Herb Stratum 59 % Co	over of Biotic	Crust		Vegetation Present?	Yes	Ν	lo x	
Remarks: The sample area does not support a predom	ninance of h	drophytic veae	etation.					
	ĺ	0						

SOIL Sampling Point: 113-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matri	x	Re	edox Feat	ures		_					
inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ure		Rer	marks	
-18	10YR 4/3	100					sandy c	lay	no red	lox		
	_											
				-								
				-								
					- (
Type: C=Co	oncentration, D=Deple	tion RM=Reduce	ed Matrix CS=Covere	d or Coated	Sand Grain	s	² I ocation: Pl	I =Pore	lining R	C=Root Chan	nel M=N	Matrix
	il Indicators: (App									ematic Hyd		
Histos				Redox (S5						(LRR C)		
	Epipedon (A2)			d Matrix (S	•				, ,	(LRR B)		
	Histic (A3)			Mucky Mir	,				Vertic (
	gen Sulfide (A4)			Gleyed Ma						rial (TF2)		
	ed Layers (A5) (LR	R C)		d Matrix (I						Remarks)		
	Muck (A9) (LRR D)	,		Dark Surfa	,			(=)	φ.α			
	ed Below Dark Surf	ace (A11)			rface (F7)							
	Dark Surface (A12)	,		Depression			3Indica	ators of	hydroph	nytic vegeta	tion and	d
	Mucky Mineral (S1)		ools (F9)						y must be p		
	Gleyed Matrix (S4)			,						or problema		
Postrictivo	Layer (if present)	-										
Type:	Layer (ii present)	•										
	-h\						Hydric So	. 1 D	10	V		1
Depth (in							i iyunc oc	JII 1 1 C S	Citt:	Yes		Vо <u>х</u>
VDDOLO												
YDROLO								C		!:	<u> </u>	
	lydrology Indicato		ala a la all dhat a sad	L. A.						ndicators (2		
	dicators (minimum	of one required	• •							rks (B1) (Ri		
	e Water (A1)		Salt Crus	. ,						Deposits (E	, ,	•
High V	Vater Table (A2)		Biotic Cru					D	rift Depo	osits (B3) (R	liverine	!)
Satura	ition (A3)		Aquatic I	nvertebrat	es (B13)			D	rainage	Patterns (B	10)	
Water	Marks (B1) (Nonri	/erine)	Hydroge	n Sulfide (Odor (C1)			D	ry-Seas	on Water Ta	able (C2	2)
Sedim	ent Deposits (B2) (Nonriverine)	Oxidized	Rhizosph	eres along	Living Ro	oots (C3)	T	nin Mucl	k Surface (C	27)	
Drift D	eposits (B3) (Nonri	verine)	Presence	e of Reduc	ced Iron (C	4)		C	rayfish E	Burrows (C8	3)	
Surfac	e Soil Cracks (B6)		Recent In	on Reduc	tion in Tille	d Soils (C	26)	S	aturatior	n Visible on	Aerial I	magery (C
	ation Visible on Aeri	al Imagery (B7)	Thin Muc	k Surface	(C7)					quitard (D3		
	-Stained Leaves (B			xplain in R	` '					tral Test (D	•	
	,	•			-,							
Field Obse		V	Na Danth (in a	h \.								
	ater Present?		No Depth (inc			_						
Nater Tabl		Yes				— I						
Saturation I		Yes	No Depth (inc	hes):		Wetl	and Hydro	logy P	resent?	Yes_	^	√o <u>x</u>
	apillary fringe)					-ti) :f	aallabla.					
escribe Re	corded Data (strea	m gauge, monii	toring well, aerial pr	notos, pre	vious inspe	ctions), ii	avallable:					
omarke: N	lo wetland hydrolog	v indicators obs	cented									
emaiks. IV	io welland hydrolog	y iridicators obs	serveu.									

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	0	_Sampling Date:	6/16/23
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point:	114-UPL
Investigator(s): Andrew Smisek		Section,	Township, R	Range: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local rel	ief (concave	, convex, none): none	Slop	oe (%): 0
Subregion (LRR): C	Lat:	32.55522		Long: -117.02468	Datur	n: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes.				NWI classificati	on: none	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	xNo	o(If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	cantly disturb	ed?	Are "Normal Circumstance	es" present? Yes	xNo
Are Vegetation, Soil, or Hydrology	natura	ally problemat	tic?	(If needed, explain any an	swers in Remarks	s.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poi	nt location	s, transects, importar	nt features, etc.	
Hydrophytic Vegetation Present? Yes x	No			_		
Hydric Soil Present? Yes	No x		ne Sampled nin a Wetlan	YAS	No x	
Wetland Hydrology Present? Yes	No x		iiii a vvetiaii	u:		
Remarks: Paired sample point for feature #114. VEGETATION – Use scientific names of plants	S.					
Tree Stratum (Diet size:	Absolute	Dominant Species?	Indicator	Dominance Test work		
Tree Stratum (Plot size:) 1.	% Cover	Species?	Status	Number of Dominant S That Are OBL, FACW,		1 (A)
2				Total Number of Domin Species Across All Stra	nant	,
4.		= Total Cove	er	Percent of Dominant Sp That Are OBL, FACW,	pecies	1 (B) 100 (A/B)
Sapling/Shrub Stratum (Plot size:)				Duarratan an Inday wan	deale a at-	
1. 2.				Prevalence Index wor Total % Cover of:		oly by:
3.				OBL species	x 1 =	
				FACW species	x 2 =	
5.				FAC species	x 3 =	
		= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Festuca perennis	65	Y	FAC	Column Totals:	(A)	(B)
2. Hordeum marinum	10	N	FAC	Prevalence Inde	ex = B/A =	
3. Erodium botrys	1	N	FACU			
4				Hydrophytic Vegetation	on Indicators:	
5				_X Dominance Test	is >50%	
6				Prevalence Index		
7. 8.					daptations¹ (Providus) rks or on a separa	11 0
Woody Vine Stratum (Plot size:)	76	= Total Cov	er	Problematic Hyd	rophytic Vegetatic	n ¹ (Explain)
1.				¹ Indicators of hydric so be present, unless dis		
2	76	= Total Cove			·	
% Bare Ground in Herb Stratum % Co	ver of Biotic		51	Hydrophytic Vegetation Present? Y	´es x No)
Remarks: The sample area supports a predominance of						
3 11 2 2 1 1 2 2 2 3 3 5 F F S 1 3 2 3 3 F F S 3 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<i>y</i> - -					

SOIL Sampling Point: 114-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

0-18	Color (moist) 10YR 3/3	%	Cold	or (moist)					ro		Pan	narks		
0-18	10YR 3/3			. (%	Type ¹	Loc ²	Textu	<u> </u>		11011			
		100						sandy cla	ay no	redox				
														
								-						
1 	tion D Doole	tion DM Dod		00. 0			_ 2		Dana Linia	- DO D		NA N	A = 4 = 4	
	centration, D=Deple						S.	Location: PL=						
-	Indicators: (App	licable to all	i LKKS, t						ors for P		-	10 3011	S-:	
Histosol	` '				y Redox (S	,			m Muck (, ,	,			
	pipedon (A2)				oed Matrix	` ,			m Muck (
Black His						lineral (F1)			duced Ve					
	n Sulfide (A4)				ny Gleyed N				d Parent I					
	Layers (A5) (LR	R C)			eted Matrix	` '		Oth	er (Expla	in in Rer	marks)			
	ick (A9) (LRR D)				x Dark Sur	` '								
	Below Dark Sur	ace (A11)				Surface (F7)		0						
	ark Surface (A12)				x Depressi				ors of hyd		_		1	
Sandy M	lucky Mineral (S1			Verna	al Pools (F	9)			and hydro					
	Bleyed Matrix (S4)							unle	ess disturk	ed or pr	roblemat	ic.		
	, ,													
Sandy G		:												
Sandy G	.ayer (if present)	:												
Sandy G Restrictive L Type: Depth (inch	ayer (if present)		ed.					Hydric Soil	l Present?	Y Y	es	N	lo <u>x</u>	·
Sandy G Restrictive L Type: Depth (inch Remarks: No	nes): b hydric soil indica	ators observe	ed.					1						
Sandy G Restrictive L Type: Depth (inch Remarks: No	nes): hydric soil indicator Y drology Indicator	ators observe						1	Seconda	ry Indic	ators (2	or mo	re requ	
Sandy G Restrictive L Type: Depth (inch Remarks: No	nes): hes): hydric soil indicators drology Indicators cators (minimum	ators observe						1	Seconda Wate	ry Indic r Marks (ators (2 (B1) (Riv	or mo	re requ	
Sandy G Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hyd Primary Indic Surface	nes): hes): hes): hydric soil indicator drology Indicator cators (minimum water (A1)	ators observe		Salt C	rust (B11)			1	Seconda Wate Sedin	ry Indic. r Marks (ators (2 (B1) (Riv	or molyerine) 2) (Rive	re requ	
Sandy G Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V	nes): hes): hydric soil indicators drology Indicators cators (minimum	ators observe		Salt C)		1	Seconda Wate Sedin	ry Indic. r Marks (ators (2 (B1) (Riv	or molyerine) 2) (Rive	re requ	
Sandy G Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hyd Primary Indic Surface	nes): hes): hes): hes): hesix drology Indicate cators (minimum water (A1) ater Table (A2)	ators observe		Salt C Biotic	rust (B11)			1	Seconda Wate Sedin Drift [ry Indic. r Marks nent Dep	ators (2 (B1) (Riv	or mol verine) 2) (Riv	re requ	
Sandy G Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wa Saturatio	nes): hes): hes): hes): hesix drology Indicate cators (minimum water (A1) ater Table (A2)	ators observe		Salt C Biotic Aquati	rust (B11) Crust (B12) c Invertebr			1	Seconda Wate Sedin Drift [ry Indic r Marks nent Dep Deposits age Patt	ators (2 (B1) (Riv posits (B (B3) (Riv	or molyerine) 2) (Rivoverine)	re requerine)	
Sandy G Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wa Saturatic Water M	cayer (if present) nes): hes): drology Indicate cators (minimum Water (A1) ater Table (A2) on (A3)	ators observe	ed; check - - - -	Salt C Biotic Aquati Hydro	rust (B11) Crust (B12) c Invertebr gen Sulfide	ates (B13)	Living Ro		Seconda Wate Sedin Drift [Drain Dry-S	ry Indic. r Marks onent Deposits age Patt	ators (2 (B1) (Riv posits (B (B3) (Ri terns (B1	or mor verine) 2) (Rivverine) 0) ble (C2	re requerine)	
Sandy G Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hyo Primary Indic Surface V High Wa Saturatio Water M Sedimen	cayer (if present) nes): hes): hespirate of hydric soil indicate of hydric	ators observe rs: of one require verine)	ed; check - - - -	Salt C Biotic Aquati Hydro	rust (B11) Crust (B12) c Invertebr gen Sulfide ed Rhizosp	ates (B13) Odor (C1)	-		Seconda Wate Sedin Drift I Drain Dry-S	ry Indica r Marks nent Dep Deposits age Patt deason V	ators (2 (B1) (Riv cosits (B (B3) (Riv erns (B1 Vater Ta	or molyerine) 2) (Riverine) 0) ble (C2	re requerine)	
Sandy G Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hyo Primary Indic Surface V High Wa Saturatic Water M Sedimen Drift Dep	ayer (if present) nes): b hydric soil indicate cators (minimum Water (A1) ater Table (A2) on (A3) larks (B1) (Nonrin the Deposits (B2) (posits (B3) (Nonri	ators observe rs: of one require verine)	ed; check - - - -	Salt C Biotic Aquati Hydro Oxidiz Prese	rust (B11) Crust (B12) c Invertebr gen Sulfide ed Rhizosp nce of Red	ates (B13) Odor (C1) oheres along uced Iron (C	4)	ots (C3)	Seconda Wate Sedin Drift I Drain Dry-S Thin I	ry Indica r Marks nent Dep Deposits age Patt deason V Muck Su ish Burro	ators (2 (B1) (Riv posits (B (B3) (Riv terns (B1 Vater Ta urface (C pws (C8)	or molyverine) 2) (Riveyverine) 0) ble (C2	re requerence)	uired
Sandy G Restrictive L Type: Depth (inch Remarks: No IYDROLOG Wetland Hyo Primary Indic Surface High Wa Saturatic Water M Sedimen Drift Dep Surface	drology Indicate cators (minimum of Marks (B1) (Nonrint Deposits (B2) (Nonrins Cators (B3) (Nonrins Cators (B3) (Nonrins Cators (B3) (Nonrins Cators (B6))	etors observe	red; check - - - - - - -	Salt C Biotic Aquati Hydro Oxidiz Preser	rust (B11) Crust (B12) c Invertebr gen Sulfide ed Rhizosp nce of Redi	ates (B13) Odor (C1) Oheres along uced Iron (Cuction in Tille	4)	ots (C3)	Seconda Wate Sedin Drift I Drain Dry-S Thin I Crayf Satur	ry Indic. r Marks nent Dep Deposits age Patt leason V Muck Su dish Burro	ators (2 (B1) (Riv posits (B (B3) (Ri terns (B1 Vater Ta urface (C ows (C8)	or molyerine) 2) (Riverine) 0) ble (C2 7)	re requerence)	uired
Sandy G Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wa Saturatio Water M Sedimen Drift Dep Surface S Inundation	cayer (if present) nes): hes): hes): hes): hes): hesp: hes	verine) Nonriverine) al Imagery (E	red; check - - - - - - -	Salt C Biotic Aquati Hydro Oxidiz Preser Recen Thin M	rust (B11) Crust (B12) c Invertebr gen Sulfide ed Rhizosp nce of Red t Iron Red fuck Surfac	ates (B13) c Odor (C1) cheres along uced Iron (Cuction in Tille ce (C7)	4)	ots (C3)	Seconda Wate Sedin Drift [Drain Dry-S Thin I Crayf Satur Shall	ry Indic. r Marks onent Deposits age Patt deason Voluck Su ish Burro ation Vis	ators (2 (B1) (Riv cosits (B (B3) (Ri terns (B1 Vater Ta urface (C cows (C8) sible on v ard (D3)	or molyerine) 2) (Rivyerine) 0) ble (C2 7) Aerial Ir	re requerence)	uired
Sandy G Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hyd Surface N High Wa Saturatio Water M Sedimen Drift Dep Surface S Inundatio Water-St	ayer (if present) ayer (if present) bes): by drology Indicate cators (minimum Water (A1) ater Table (A2) on (A3) larks (B1) (Nonrient Deposits (B2) (posits (B3) (Nonrient Soil Cracks (B6) on Visible on Aeritained Leaves (B	verine) Nonriverine) al Imagery (E	red; check - - - - - - -	Salt C Biotic Aquati Hydro Oxidiz Preser Recen Thin M	rust (B11) Crust (B12) c Invertebr gen Sulfide ed Rhizosp nce of Redi	ates (B13) c Odor (C1) cheres along uced Iron (Cuction in Tille ce (C7)	4)	ots (C3)	Seconda Wate Sedin Drift [Drain Dry-S Thin I Crayf Satur Shall	ry Indic. r Marks onent Deposits age Patt deason Voluck Su ish Burro ation Vis	ators (2 (B1) (Riv posits (B (B3) (Ri terns (B1 Vater Ta urface (C ows (C8)	or molyerine) 2) (Rivyerine) 0) ble (C2 7) Aerial Ir	re requerence)	uired
Sandy G Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hyd Surface N High Wa Saturatio Water M Sedimen Drift Dep Surface S Inundatio Water-St Field Observ	drology Indicate cators (minimum water (A1) ater Table (A2) on (A3) larks (B1) (Nonrint Deposits (B2) (cosits (B3) (Nonri Soil Cracks (B6) on Visible on Aeritained Leaves (Baytations:	verine) Nonriverine) verine) al Imagery (E	ed; check - - - - - - - B7) _	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M	rust (B11) Crust (B12) c Invertebr gen Sulfide ed Rhizosp nce of Red it Iron Redu fuck Surfac (Explain in	ates (B13) c Odor (C1) cheres along uced Iron (Cuction in Tille ce (C7)	4)	ots (C3)	Seconda Wate Sedin Drift [Drain Dry-S Thin I Crayf Satur Shall	ry Indic. r Marks onent Deposits age Patt deason Voluck Su ish Burro ation Vis	ators (2 (B1) (Riv cosits (B (B3) (Ri terns (B1 Vater Ta urface (C cows (C8) sible on v ard (D3)	or molyerine) 2) (Rivyerine) 0) ble (C2 7) Aerial Ir	re requerence)	uire
Sandy G Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wa Saturatio Water M Sedimen Drift Dep Surface S Inundatio Water-St Field Observ Surface Water	drology Indicate cators (minimum of the Cators (minimum of the Cators (Monrio of the Cators (B1) (Nonrio of the Cators (B3) (Nonrio of the Cators (B3) (Nonrio of the Cators (B3) (Nonrio of the Cators (B4) (Nonrio of the Cators (B6) on Visible on Aeritained Leaves (Bayations: of Present?	verine) Nonriverine) al Imagery (E	ed; check - - - - -) - B7) - - No	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M Other	rust (B11) Crust (B12) c Invertebr gen Sulfide ed Rhizosp nce of Red tt Iron Redu fuck Surfac (Explain in	ates (B13) c Odor (C1) cheres along uced Iron (Cuction in Tille ce (C7)	4)	ots (C3)	Seconda Wate Sedin Drift [Drain Dry-S Thin I Crayf Satur Shall	ry Indic. r Marks onent Deposits age Patt deason Voluck Su ish Burro ation Vis	ators (2 (B1) (Riv cosits (B (B3) (Ri terns (B1 Vater Ta urface (C cows (C8) sible on v ard (D3)	or molyerine) 2) (Rivyerine) 0) ble (C2 7) Aerial Ir	re requerence)	uired
Sandy G Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wa Saturatio Water M Sedimen Drift Dep Surface S Inundatio Water-St Field Observ Surface Water Vater Table F	drology Indicate Cators (minimum of Mater Table (A2) on (A3) larks (B1) (Nonrint Deposits (B3) (Nonrint Deposits (B3) (Nonrint Deposits (B4) on Visible on Aeritained Leaves (B4) vations: er Present?	verine) Nonriverine) al Imagery (E	ed; check	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M Other Depth (Depth (rust (B11) Crust (B12) c Invertebr gen Sulfide ed Rhizosp nce of Redi tt Iron Redu fuck Surfac (Explain in inches): inches):	ates (B13) c Odor (C1) cheres along uced Iron (Cuction in Tille ce (C7)	4) d Soils (C	ots (C3)	Seconda Wate Sedin Drift [Drain Dry-S Thin I Crayf Satur Shalld	ry Indic. r Marks on the period of the perio	ators (2 (B1) (Riv posits (B (B3) (Ri terns (B1 Vater Ta urface (C pws (C8) sible on v ard (D3) Test (D5	or molyverine) 2) (Rivverine) 0) ble (C2 7) Aerial In	re requerine)	uired / (CS
Sandy G Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wa Saturatio Water M Sedimen Drift Dep Surface S Inundatio Water-St Field Observ Surface Water	desper (if present) desper (i	verine) Nonriverine) al Imagery (E	ed; check	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M Other Depth (Depth (rust (B11) Crust (B12) c Invertebr gen Sulfide ed Rhizosp nce of Red tt Iron Redu fuck Surfac (Explain in	ates (B13) c Odor (C1) cheres along uced Iron (Cuction in Tille ce (C7)	4) d Soils (C	ots (C3)	Seconda Wate Sedin Drift [Drain Dry-S Thin I Crayf Satur Shalld	ry Indic. r Marks on the period of the perio	ators (2 (B1) (Riv cosits (B (B3) (Ri terns (B1 Vater Ta urface (C cows (C8) sible on v ard (D3)	or molyverine) 2) (Rivverine) 0) ble (C2 7) Aerial In	re requerine)	uired / (CS
Sandy G Restrictive L Type: Depth (inch Remarks: No HYDROLOG Wetland Hyo Primary Indic Surface V High Wa Saturatic Water M Sedimen Drift Dep	ayer (if present) nes): b hydric soil indicate cators (minimum Water (A1) ater Table (A2) on (A3) larks (B1) (Nonrin the Deposits (B2) (posits (B3) (Nonri	ators observe rs: of one require verine)	ed; check - - - -	Salt C Biotic Aquati Hydro	rust (B11) Crust (B12) c Invertebr gen Sulfide ed Rhizosp	ates (B13) Odor (C1) oheres along	-		Seconda Wate Sedin Drift I Drain Dry-S Thin I	ry Indica r Marks nent Dep Deposits age Patt deason V Muck Su ish Burro	ators (2 (B1) (Riv posits (B (B3) (Riv terns (B1 Vater Ta urface (C pws (C8)	or molyverine) 2) (Riveyverine) 0) ble (C2	re requerine)	ui
Sandy G Restrictive L Type: Depth (inch Remarks: No IYDROLOG Wetland Hyd Primary Indic Surface High Wa Saturatic Water M Sedimen Drift Dep Surface (Inundatic Water-St	ayer (if present) ayer (if present) bes): by drology Indicate cators (minimum Water (A1) ater Table (A2) on (A3) larks (B1) (Nonrient Deposits (B2) (posits (B3) (Nonrient Soil Cracks (B6) on Visible on Aeritained Leaves (B	verine) Nonriverine) al Imagery (E	red; check - - - - - - - -	Salt C Biotic Aquati Hydro Oxidiz Preser Recen Thin M	rust (B11) Crust (B12) c Invertebr gen Sulfide ed Rhizosp nce of Red t Iron Red fuck Surfac	ates (B13) c Odor (C1) cheres along uced Iron (Cuction in Tille ce (C7)	4)	ots (C3)	Seconda Wate Sedin Drift [Drain Dry-S Thin I Crayf Satur Shall	ry Indic. r Marks onent Deposits age Patt deason Voluck Su ish Burro ation Vis	ators (2 (B1) (Riv cosits (B (B3) (Ri terns (B1 Vater Ta urface (C cows (C8) sible on v ard (D3)	or molyerine) 2) (Rivyerine) 0) ble (C2 7) Aerial Ir	re requerine)	uire
Sandy G Restrictive L Type: Depth (inch Remarks: No IYDROLOG Wetland Hyd Primary Indic Surface High Wa Saturatio Water M Sedimen Drift Dep Surface: Inundation	drology Indicate cators (minimum water (A1) ater Table (A2) on (A3) larks (B1) (Nonrint Deposits (B2) (cosits (B3) (Nonri Soil Cracks (B6) on Visible on Aeritained Leaves (Baytations:	verine) Nonriverine) verine) al Imagery (E	ed; check - - - - - - - B7) _	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M	rust (B11) Crust (B12) c Invertebr gen Sulfide ed Rhizosp nce of Red it Iron Redu fuck Surfac (Explain in	ates (B13) c Odor (C1) cheres along uced Iron (Cuction in Tille ce (C7)	4)	ots (C3)	Seconda Wate Sedin Drift [Drain Dry-S Thin I Crayf Satur Shall	ry Indic. r Marks onent Deposits age Patt deason Voluck Su ish Burro ation Vis	ators (2 (B1) (Riv cosits (B (B3) (Ri terns (B1 Vater Ta urface (C cows (C8) sible on v ard (D3)	or molyerine) 2) (Rivyerine) 0) ble (C2 7) Aerial Ir	re requerine)	uire
Sandy G Restrictive L Type: Depth (inch Remarks: No IYDROLOG Wetland Hyd Surface M High Wa Saturatio Water M Sedimen Drift Dep Surface M Inundatio Water-St Field Observ	drology Indicate cators (minimum of the Cators (minimum of the Cators (Monrio of the Cators (B1) (Nonrio of the Cators (B3) (Nonrio of the Cators (B3) (Nonrio of the Cators (B3) (Nonrio of the Cators (B4) (Nonrio of the Cators (B6) on Visible on Aeritained Leaves (Bayations: of Present?	verine) Nonriverine) al Imagery (E	ed; check - - - - -) - B7) - - No	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M Other	rust (B11) Crust (B12) c Invertebr gen Sulfide ed Rhizosp nce of Red tt Iron Redu fuck Surfac (Explain in	ates (B13) c Odor (C1) cheres along uced Iron (Cuction in Tille ce (C7)	4)	ots (C3)	Seconda Wate Sedin Drift [Drain Dry-S Thin I Crayf Satur Shall	ry Indic. r Marks onent Deposits age Patt deason Voluck Su ish Burro ation Vis	ators (2 (B1) (Riv cosits (B (B3) (Ri terns (B1 Vater Ta urface (C cows (C8) sible on v ard (D3)	or molyerine) 2) (Rivyerine) 0) ble (C2 7) Aerial Ir	re requerine)	uire
Sandy G Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wa Saturatio Water M Sedimen Drift Dep Surface S Inundatio Water-St Field Observ Surface Water Vater Table F	drology Indicate Cators (minimum of Mater Table (A2) on (A3) larks (B1) (Nonrint Deposits (B3) (Nonrint Deposits (B3) (Nonrint Deposits (B4) on Visible on Aeritained Leaves (B4) vations: er Present?	verine) Nonriverine) al Imagery (E	ed; check	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M Other Depth (Depth (rust (B11) Crust (B12) c Invertebr gen Sulfide ed Rhizosp nce of Redi tt Iron Redu fuck Surfac (Explain in inches): inches):	ates (B13) c Odor (C1) cheres along uced Iron (Cuction in Tille ce (C7)	4) d Soils (C	ots (C3)	Seconda Wate Sedin Drift [Drain Dry-S Thin I Crayf Satur Shalld	ry Indic. r Marks on the period of the perio	ators (2 (B1) (Riv posits (B (B3) (Ri terns (B1 Vater Ta urface (C pws (C8) sible on v ard (D3) Test (D5	or molyverine) 2) (Rivverine) 0) ble (C2 7) Aerial In	re requerine)	uire

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	Sam	pling Date	e: <u>6/27/2</u>	3
Applicant/Owner: Tri Point Homes				State:	CA Sam	pling Poin	it: <u>124-U</u>	PL
Investigator(s): Andrew Smisek		Section,	Township, R	tange: Section 31,	T18S R01W			
Landform (hillslope, terrace, etc.): mesa		Local re	lief (concave,	, convex, none): noi	ne	Slo	ope (%):	0
Subregion (LRR): C	Lat:	32.55859		Long: <u>-117.0186</u> 4	4	Date	um: NAD	83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI class	sification: no	one		
Are climatic / hydrologic conditions on the site typical f	or this time o	f year? Yes	x No	o(If no, exp	olain in Rema	arks.)		
Are Vegetation, Soil, or Hydrology	signif	icantly disturb	ed?	Are "Normal Circum	stances" pre	esent? Ye	s x	No
Are Vegetation, Soil, or Hydrology	natur	ally problema	tic?	(If needed, explain a	any answers	in Remar	ks.)	
SUMMARY OF FINDINGS – Attach site map s	showing sa	mpling poi	nt location	s, transects, imp	ortant feat	tures, et	c.	
Hydrophytic Vegetation Present? Yes	No x	1- 4	011	A				
Hydric Soil Present? Yes			he Sampled hin a Wetlan	Y	es	No	X	
Wetland Hydrology Present? Yes	Nox	_						
VEGETATION – Use scientific names of plan	ts. Absolute	Dominant	Indicator	Dominance Test	t worksheet			
<u>Tree Stratum</u> (Plot size:) 1	% Cover		Status	Number of Domir That Are OBL, FA	nant Species		1	(A)
2. 3.				Total Number of I Species Across A			2	(B)
4.				Percent of Domin			50	(A /D)
		= Total Cove	er	That Are OBL, FA	ACW, or FAC	<i>)</i> :	50	(A/B)
Sapling/Shrub Stratum (Plot size:)							
1				Prevalence Inde				
2				Total % Cove			tiply by:	_
3.	-			OBL species	0	x 1 =	0	_
4	_			FACW species _	0	x 2 = x 3 =	40 0	_
5		= Total Cove	or.	FACU species	40	x 4 =	160	_
Herb Stratum (Plot size:)		= 10tal Cove	5 1	UPL species	10	x 5 =	50	_
1. Mesembryanthemum nodiflorum	10	N	FACU	Column Totals:	70	(A)	250	(B)
2. Spergularia bocconi	20	Υ	FACW	Dravalana	na Inday D/	A 2.0		
3. Bromus hordeaceus	30	Y	FACU	Prevalend	ce Index = B/	A = <u>3.6</u>		_
4. Glebionis coronaria	10	N	UPL	Hydrophytic Veg	getation Ind	icators:		
5.				Dominance	e Test is >50	%		
6				Prevalence	Index is ≤3.	.0 ¹		
7					cal Adaptati	,		•
8					Remarks or			,
	70	= Total Cov	/er	Problemati	c Hydrophyti	ic Vegetat	ion¹ (Exp	lain)
Woody Vine Stratum (Plot size:)			4				
1				¹ Indicators of hy be present, unle				must
	70	= Total Cove	er	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum 30 % C	Cover of Biotic	Crust		Present?	Yes		Nox	
Remarks: The sample area does not support a predo	minance of h	ydrophytic ve	getation.					

SOIL Sampling Point: 124-UPL

Profile Desc Depth	cription: (Describe Matrix	to the depth		nent the ind edox Featu		confirm	the absence	of indicator	s.)		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	_ Texture		Rem	arks	
0-8	10YR 4/2	100	Color (molor)		.,,,,,		clay loam			<u> </u>	
0-0	1011 4/2						Clay Idam				
											
¹ Type: C=Co	ncentration, D=Depleti	on RM-Reduce	ed Matrix CS-Cover	ed or Coated	Sand Grain	<u> </u>	2Location: PL=P	ore Lining R	C-Root Chann	el M-Matrix	
	Indicators: (Appli		<u> </u>			J.			ematic Hydr		
Histoso	`		•	Redox (S5)	•			Muck (A9) (•		
	pipedon (A2)			d Matrix (Se				Muck (A10)			
	listic (A3)			Mucky Min				iced Vertic (
	en Sulfide (A4)			Gleyed Ma				Parent Mate	,		
	d Layers (A5) (LRR	C)		ed Matrix (F				r (Explain in	` ,		
	uck (A9) (LRR D)	. •)		Dark Surface	,			і (Ехріантін	rtomantoj		
	d Below Dark Surfa	ice (A11)		ed Dark Sur	, ,						
	ark Surface (A12)			Depression	` ,		3Indicator	s of hydroph	nytic vegetati	on and	
	Mucky Mineral (S1)			Pools (F9)	- ()				must be pre		
	Gleyed Matrix (S4)							, ,,	or problemati	,	
	Layer (if present):								•		
	ovel refusal										
Depth (inc							Hydric Soil F	Present?	Yes	No	Y
							i iyana dan i			_ '''_	
Remarks: N	lo hydric soil indicat	ors observed.									
HYDROLO	GY										
Wetland Hy	ydrology Indicator	s:					<u>S</u>	econdary Ir	dicators (2	or more re	quired)
Primary Ind	icators (minimum o	one required	; check all that app	oly)				Water Ma	rks (B1) (Riv	erine)	
Surface	Water (A1)		Salt Cru	st (B11)				Sediment	Deposits (B	2) (Riverine	a)
High W	ater Table (A2)		·	ust (B12)				 Drift Depo	sits (B3) (Ri	verine)	
Saturat	ion (A3)		Aquatic	Invertebrate	es (B13)			Drainage	Patterns (B1	0)	
	Marks (B1) (Nonrive	erine)		n Sulfide O					on Water Tal		
	ent Deposits (B2) (N			d Rhizosphe		Living Ro	oots (C3)	_	Surface (C		
	eposits (B3) (Nonriv	•		e of Reduc	_	_			Burrows (C8)	,	
	Soil Cracks (B6)	cilito)		ron Reduct			.6)	_	Visible on A	erial Imana	nv (C9)
	tion Visible on Aeria	l Imagen/ (B7)		ck Surface		u 00115 (0			quitard (D3)	ionai image	.iy (00)
		0 , (,									
vvater-s	Stained Leaves (B9)	Other (E	xplain in Re	emarks)		_	FAC-Neu	tral Test (D5)		
Field Obser											
Surface Wat		Yes	No Depth (in								
Water Table	Present?	Yes	No Depth (in								
Saturation P		Yes	No Depth (in	ches):		Wetla	and Hydrolog	gy Present?	Yes	No	X
	pillary fringe)			hataa aasa	• •	-1'> '6					
Describe Rec	corded Data (stream	i gauge, monit	oring well, aerial p	notos, prev	ious inspe	ctions), if	available:				
Remarks: No	wetland hydrology	indicators obs	served.								
	,9,										

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	o, CA	_Sampling Date:	August 8, 2023
Applicant/Owner: Tri Pointe Homes				State: CA	_Sampling Point:	131-UPL
Investigator(s): Andrew Smisek, Danelle Gadia		Section,	Township, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): Mesa, within dirt road		Local rel	ief (concave,	convex, none): None	Slop	e (%): 1
Subregion (LRR): C	Lat:	32.558066		Long: -117.019170	Datur	n: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9 % slopes				NWI classificati	on: None	
Are climatic / hydrologic conditions on the site typical for	r this time of	f year? Yes	X No	(If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	icantly disturb	ed?	Are "Normal Circumstance	es" present? Yes	X No
Are Vegetation , Soil , or Hydrology				(If needed, explain any an	swers in Remarks	 s.)
SUMMARY OF FINDINGS – Attach site map sh				s, transects, importar	nt features, etc.	
Hydrophytic Vegetation Present? Yes	No X					
Hydric Soil Present? Yes	No X		ne Sampled nin a Wetlan	Yes	No X	
Wetland Hydrology Present? Yes	No X	WILI	iii a wellan	ur —		
VEGETATION – Use scientific names of plants						
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work		
1. none	70 00101	_ороскос.	<u> </u>	Number of Dominant S That Are OBL, FACW,	pecies or FAC:	0 (A)
2				Total Number of Domin Species Across All Stra	nant	2 (B)
4.		= Total Cove	er	Percent of Dominant Sp That Are OBL, FACW,		0 (A/B)
Sapling/Shrub Stratum (Plot size:)				5		
1. none				Prevalence Index wor Total % Cover of:		ly by:
2.				OBL species		
3. 4.				FACW species	x 1 = x 2 =	
5.				FAC species	x 3 =	
J		= Total Cove	٠r	FACU species	x 4 =	
Herb Stratum (Plot size:)		- 10tal 0010	<i>'</i>	UPL species	x 5 =	
1. Croton setiger	10	N	UPL	Column Totals:	(A)	(B)
2. Avena sp.	50	Y	UPL	Drawalanaa Inda		
3. Glebionis coronaria	30	Υ	UPL	Prevalence inde	ex = B/A =	
4. Festuca myuros	4	N	FACU	Hydrophytic Vegetation	on Indicators:	
5. Bromus rubens	5	N	UPL	Dominance Test	is >50%	
6. Bromus diandrus	1	N	UPL	Prevalence Index	x is ≤3.0¹	
7. 8.					daptations¹ (Provid rks or on a separa	
Woody Vine Stratum (Plot size:)	100	= Total Cov	er	Problematic Hydi	rophytic Vegetatio	n¹ (Explain)
1. <u>none</u>				¹ Indicators of hydric so be present, unless dis		
2					tarbea or problem	aut.
% Bare Ground in Herb Stratum % Co	ver of Biotic	= Total Cove	er	Hydrophytic Vegetation Present? Y	'es No) X
Remarks:		-				

SOIL Sampling Point: 131-UPL

Depth (inches)	Matrix Color (moist)	<u>%</u>	Color (moist)	%Type ¹	Loc ²	Texture	Remarks
18	10YR 3/3	100			_	sandy clay	no redox
					_	· 	-
					_	· ———	
						·	
						·	
	ncentration, D=Depletion	·			ains. ² l		Lining, RC=Root Channel, M=Matrix.
•	Indicators: (Applic	able to all	•	•			r Problematic Hydric Soils ³ :
Histoso	` '			Redox (S5)			ck (A9) (LRR C)
	pipedon (A2) listic (A3)			ed Matrix (S6) Mucky Mineral (F1)	1		ck (A10) (LRR B) Vertic (F18)
	en Sulfide (A4)			Gleyed Matrix (F2)	1		ent Material (TF2)
	d Layers (A5) (LRR (C)		ed Matrix (F3)			plain in Remarks)
	uck (A9) (LRR D)	-,		Dark Surface (F6)		(,p.a
	d Below Dark Surfac	e (A11)		ed Dark Surface (F7	')		
Thick D	ark Surface (A12)		Redox	Depressions (F8)		³ Indicators of	hydrophytic vegetation and
Sandy I	Mucky Mineral (S1)		Vernal	Pools (F9)		wetland h	ydrology must be present,
Sandy (Gleyed Matrix (S4)					unless dis	turbed or problematic.
	Layer (if present):						
estrictive	, , ,						
Type:							
Type:						Hydric Soil Pres	ent? Yes No X
Type: Depth (inconservation)	hes):					Hydric Soil Pres	ent? Yes No X
Type:	hes):						
Type: Depth (included) demarks: YDROLOG Wetland Hy	hes): GY ydrology Indicators		nd: check all that any	olv)		Seco	ndary Indicators (2 or more require
Type: Depth (income semarks: YDROLOG Wetland Hy Primary Indo	ches): GY ydrology Indicators icators (minimum of o					Secol	ndary Indicators (2 or more require later Marks (B1) (Riverine)
Type:	GY ydrology Indicators icators (minimum of o		Salt Cru	ıst (B11)		Secol	ndary Indicators (2 or more require ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine)
Type:	GY ydrology Indicators icators (minimum of o		Salt Cru Biotic C	ıst (B11) rust (B12)		Secon W Secon Di	ndary Indicators (2 or more require ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine)
Type: Depth (income marks: Primary Indome Surface High W Saturate	GY ydrology Indicators icators (minimum of of the Water (A1) ater Table (A2) ion (A3)	one require	Salt Cru Biotic C Aquatic	ist (B11) rust (B12) Invertebrates (B13)		Secon W Secon Di	ndary Indicators (2 or more require fater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10)
Type: Depth (income and income an	GY ydrology Indicators icators (minimum of of the Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonriver	one require	Salt CruBiotic CAquaticHydroge	rust (B11) rust (B12) Invertebrates (B13) en Sulfide Odor (C1)	Secon W Secon Di Di Di	ndary Indicators (2 or more require fater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2)
Type: Depth (incomplete incomplete GY ydrology Indicators icators (minimum of of the Water (A1) fater Table (A2) ion (A3) Marks (B1) (Nonriverent Deposits (B2) (No	one require rine) nriverine)	Salt Cru Biotic C Aquatic Hydroge Oxidized	rust (B11) rust (B12) Invertebrates (B13) en Sulfide Odor (C1) d Rhizospheres alor) ng Living Roo	Secon	rater Marks (B1) (Riverine) rediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rin Muck Surface (C7)	
Type:	dy ydrology Indicators icators (minimum of o water (A1) dater Table (A2) ion (A3) Marks (B1) (Nonriver the Deposits (B2) (Nonriver posits (B3) (Nonriver the Deposits (B3)	one require rine) nriverine)	Salt Cru Biotic C Aquatic Hydroge Oxidizee	rust (B11) rust (B12) Invertebrates (B13) en Sulfide Odor (C1) d Rhizospheres alor ce of Reduced Iron () ng Living Roo (C4)	Secon W Secon Di Di Di Di Di Di Di D	radary Indicators (2 or more required later Marks (B1) (Riverine) rediment Deposits (B2) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rayfish Burrows (C8)
Type: Depth (incomplete incomplete inc	gy ydrology Indicators icators (minimum of of water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6)	one require rine) nriverine) rine)	Salt Cru Biotic C Aquatic Hydroge Oxidized Presenc	ist (B11) rust (B12) Invertebrates (B13) en Sulfide Odor (C1) d Rhizospheres alor ce of Reduced Iron (Iron Reduction in Ti) ng Living Roo (C4)	Secon W Secon Di	ndary Indicators (2 or more required atter Marks (B1) (Riverine) rediment Deposits (B2) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C
Type:	gy ydrology Indicators icators (minimum of of water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) ion Visible on Aerial	one require rine) nriverine) rine)	Salt Cru Biotic C Aquatic Hydroge Oxidizer Presence Recent Thin Mu	rust (B11) rust (B12) Invertebrates (B13) en Sulfide Odor (C1) d Rhizospheres alor ce of Reduced Iron (Iron Reduction in Ti rick Surface (C7)) ng Living Roo (C4)	Secon W Secon Department Departmen	ndary Indicators (2 or more required ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rayfish Burrows (C8) aturation Visible on Aerial Imagery (Canallow Aquitard (D3)
Type: Depth (incomplete incomplete dy ydrology Indicators icators (minimum of o water (A1) dater Table (A2) darks (B1) (Nonriver the Deposits (B2) (Nonriver Soil Cracks (B6) daino Visible on Aerial Stained Leaves (B9)	one require rine) nriverine) rine)	Salt Cru Biotic C Aquatic Hydroge Oxidizer Presence Recent Thin Mu	ist (B11) rust (B12) Invertebrates (B13) en Sulfide Odor (C1) d Rhizospheres alor ce of Reduced Iron (Iron Reduction in Ti) ng Living Roo (C4)	Secon W Secon Department Departmen	ndary Indicators (2 or more required atter Marks (B1) (Riverine) rediment Deposits (B2) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C	
Type:	driver (A1) driver (A2) driver (A3) driver (B1) (Nonriver driver (B3) (Nonriver driver (B3) (Nonriver driver (B3) (Nonriver driver (B3) (Nonriver driver (B3) (Nonriver driver (B3) (Nonriver driver (B3) (Nonriver driver (B4) (Nonriver driver (rine) nriverine) rine)	Salt Cru Biotic C Aquatic Hydroge Oxidizee Presenc Recent Thin Mu Other (E	rust (B11) rust (B12) Invertebrates (B13) en Sulfide Odor (C1) d Rhizospheres alor ce of Reduced Iron (Iron Reduction in Ti ack Surface (C7) Explain in Remarks)) ng Living Roo (C4)	Secon W Secon Department Departmen	ndary Indicators (2 or more require ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rayfish Burrows (C8) aturation Visible on Aerial Imagery (Canallow Aquitard (D3)
Type: Depth (incomplete incomplete dy ydrology Indicators icators (minimum of o water (A1) dater Table (A2) darks (B1) (Nonriver the Deposits (B2) (Noriver Soil Cracks (B6) dion Visible on Aerial Stained Leaves (B9) days are present?	rine) nriverine) rine) Imagery (B	Salt Cru Biotic C Aquatic Hydroge Oxidizee Presenc Recent Thin Mu Other (E	rust (B11) rust (B12) Invertebrates (B13) en Sulfide Odor (C1) d Rhizospheres alor ce of Reduced Iron (Iron Reduction in Ti ck Surface (C7) Explain in Remarks) ches):) ng Living Roo (C4)	Secon W Secon Department Departmen	ndary Indicators (2 or more require ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) rayfish Burrows (C8) aturation Visible on Aerial Imagery (Canallow Aquitard (D3)	
Type: Depth (incomplete incomplete ches): GY ydrology Indicators icators (minimum of of of of of of of of of of of of of	rine) nriverine) rine) Imagery (B	Salt Cru Biotic C Aquatic Hydroge Oxidizer Presenc Recent Thin Mu Other (E	rust (B11) rust (B12) Invertebrates (B13) en Sulfide Odor (C1) d Rhizospheres alor ce of Reduced Iron (Iron Reduction in Ti rick Surface (C7) Explain in Remarks) ches):) ng Living Roo C4) Illed Soils (C6	Secon W Secon Secon W Secon Seco	ndary Indicators (2 or more require ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (Canallow Aquitard (D3) AC-Neutral Test (D5)	
Type:	GY ydrology Indicators icators (minimum of of of other indicators) water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No eposits (B3) (Nonriver e Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: ler Present? Present? Yeresent?	rine) nriverine) rine) Imagery (B	Salt Cru Biotic C Aquatic Hydroge Oxidizee Presend Recent Thin Mu Other (E	rust (B11) rust (B12) Invertebrates (B13) en Sulfide Odor (C1) d Rhizospheres alor ce of Reduced Iron (Iron Reduction in Ti rick Surface (C7) Explain in Remarks) ches):) ng Living Roo C4) Illed Soils (C6	Secon W Secon Department Departmen	ndary Indicators (2 or more require ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (Canallow Aquitard (D3) AC-Neutral Test (D5)
Type:	ches): GY ydrology Indicators icators (minimum of or water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No eposits (B3) (Nonriver ent Deposits (B3) (Nonriver ent Deposits (B6) ion Visible on Aerial Stained Leaves (B9) Evations: ler Present? Present? Yeresent?	rine) nriverine) rine) Imagery (B	Salt Cru Biotic C Aquatic Hydroge Oxidized Presend Recent Thin Mu Other (E No X Depth (in No X Depth (in	rust (B11) rust (B12) Invertebrates (B13) en Sulfide Odor (C1) d Rhizospheres alor ce of Reduced Iron (Iron Reduction in Ti rick Surface (C7) Explain in Remarks) ches):	ng Living Roo C4) lled Soils (C6	Secon W Secon Secon W Secon Seco	ndary Indicators (2 or more require ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (Canallow Aquitard (D3) AC-Neutral Test (D5)
Type:	GY ydrology Indicators icators (minimum of of of other indicators) water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No eposits (B3) (Nonriver e Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: ler Present? Present? Yeresent?	rine) nriverine) rine) Imagery (B	Salt Cru Biotic C Aquatic Hydroge Oxidized Presend Recent Thin Mu Other (E No X Depth (in No X Depth (in	rust (B11) rust (B12) Invertebrates (B13) en Sulfide Odor (C1) d Rhizospheres alor ce of Reduced Iron (Iron Reduction in Ti rick Surface (C7) Explain in Remarks) ches):	ng Living Roo C4) lled Soils (C6	Secon W Secon Secon W Secon Seco	ndary Indicators (2 or more require ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (Canallow Aquitard (D3) AC-Neutral Test (D5)
Type:	ches): GY ydrology Indicators icators (minimum of or water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No eposits (B3) (Nonriver ent Deposits (B3) (Nonriver ent Deposits (B6) ion Visible on Aerial Stained Leaves (B9) Evations: ler Present? Present? Yeresent?	rine) nriverine) rine) Imagery (B	Salt Cru Biotic C Aquatic Hydroge Oxidized Presend Recent Thin Mu Other (E No X Depth (in No X Depth (in	rust (B11) rust (B12) Invertebrates (B13) en Sulfide Odor (C1) d Rhizospheres alor ce of Reduced Iron (Iron Reduction in Ti rick Surface (C7) Explain in Remarks) ches):	ng Living Roo C4) lled Soils (C6	Secon W Secon Secon W Secon Seco	ndary Indicators (2 or more require ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (Canallow Aquitard (D3) AC-Neutral Test (D5)
Type:	ches): GY ydrology Indicators icators (minimum of or water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No eposits (B3) (Nonriver ent Deposits (B3) (Nonriver ent Deposits (B6) ion Visible on Aerial Stained Leaves (B9) Evations: ler Present? Present? Yeresent?	rine) nriverine) rine) Imagery (B	Salt Cru Biotic C Aquatic Hydroge Oxidized Presend Recent Thin Mu Other (E No X Depth (in No X Depth (in	rust (B11) rust (B12) Invertebrates (B13) en Sulfide Odor (C1) d Rhizospheres alor ce of Reduced Iron (Iron Reduction in Ti rick Surface (C7) Explain in Remarks) ches):	ng Living Roo C4) lled Soils (C6	Secon W Secon Secon W Secon Seco	ndary Indicators (2 or more require ater Marks (B1) (Riverine) ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (Canallow Aquitard (D3) AC-Neutral Test (D5)

Project/Site: Southwest Village Specific Plan Proje	ect	City/County	r: San Dieg	0	Sai	mpling Date	: 6/27/2	23
Applicant/Owner: Tri Point Homes				State:	CA Sa	mpling Poin	t: <u>150-U</u>	IPL
Investigator(s): Andrew Smisek		Section, T	ownship, R	ange: Section 31,	T18S R01\	Ν		
Landform (hillslope, terrace, etc.): mesa		Local relie	f (concave,	convex, none): no	ne	Slo	pe (%):	0
Subregion (LRR): C	Lat:	32.55910		Long: <u>-117.0186</u>	8	Datu	ım: <u>NAD</u>	83
Soil Map Unit Name: Huerhuero loam, 2-9% slope	es			NWI clas	sification: ı	none		
Are climatic / hydrologic conditions on the site typic	al for this time of	year? Yes _	X No	(If no, ex	plain in Rer	narks.)		
Are Vegetation, Soil, or Hydrolog	gysignif	icantly disturbe	d? ,	Are "Normal Circum	nstances" p	resent? Ye	s <u>X</u>	No
Are Vegetation, Soil, or Hydrolog	gynatura	ally problematio	?	(If needed, explain	any answer	rs in Remarl	ks.)	
SUMMARY OF FINDINGS – Attach site ma	p showing sa	mpling point	locations	s, transects, imp	ortant fe	atures, etc).	
Hydrophytic Vegetation Present? Yes	No X			_				
Hydric Soil Present? Yes	No X		Sampled . n a Wetland	Y	es	No >	Χ	
Wetland Hydrology Present? Yes	No X	Within	i a vveliaii	ur	_			
Remarks: Paired sample point for feature #150. U	Jpland sample p	oint paired to 15	50-W. This	sampled area is no	t a wetland			
		·						
VEGETATION III								
VEGETATION – Use scientific names of pl		Dominant	Indiantor	Daminanaa Taa	4a.elsa.b.a.e			
Tree Stratum (Plot size:	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Tes				
1. none				Number of Domin			0	(A)
2.				Total Number of	Dominant			
3.				Species Across A	All Strata:		2	(B)
4.				Percent of Domir			0	(A/D)
		= Total Cover		That Are OBL, F	ACVV, OF FA	1C:	0	(A/B)
Sapling/Shrub Stratum (Plot size:	_)							
1. none				Prevalence Inde				
2				Total % Cov	er of:	_	iply by:	_
3				OBL species		_ x 1 =		
4				FACW species	-	_ x 2 =	45	_
5		T-1-1 0		FAC species FACU species	5 55	_ x 3 = x 4 =	15 220	
Herb Stratum (Plot size:)		= Total Cover		UPL species	15	_	75	_
1. Bromus hordeaceus	50	Υ	FACU	Column Totals:	80	_	310	(B)
Glebionis coronaria			UPL			_ ('')		_(5)
Lysimachia arvensis	5		FAC	Prevalen	ce Index = E	3/A = 3.9		_
4. Erodium botrys			FACU	Hydrophytic Ve	getation In	dicators:		
5.					e Test is >5			
6					e Index is ≤			
7.				Morpholog	ical Adapta	ations¹ (Prov		
8				data in	Remarks o	r on a separ	ate shee	∍t)
	75	= Total Cove	r	Problemat	ic Hydrophy	ytic Vegetati	ion¹ (Exp	olain)
Woody Vine Stratum (Plot size:	_)							
1. none				¹ Indicators of hy				must
2				be present, unle	ess disturbe	a or probler	nauc.	
	75	= Total Cover		Hydrophytic				
% Bare Ground in Herb Stratum	% Cover of Biotic	Crust		Vegetation Present?	Yes	N	No X	
		-	tation .			<u> </u>		
Remarks: The sample area does not support a pre	ecommance of hy	yaropnytic vege	เสแบท.					

SOIL Sampling Point: 150-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches)	Color (moist)	%	Color (moist)	edox realures % Tv	ype ¹ L	oc² Tex	xture	Remar	ks	
0-10	10YR 4/2	100	30.0. (1110101)		<u>,,,, </u>			romai		
0-10	1011/4/2	100				loamy	sailu			
	_									
				<u> </u>						
	·				- 					
-										
	- -						-			
¹ Type: C=Co	oncentration, D=Depletion	n, RM=Reduce	d Matrix, CS=Covere	ed or Coated San	d Grains.	² Location: l	PL=Pore Lining, RC	=Root Channel,	M=Matrix.	
Hydric So	il Indicators: (Applic	able to all Li	RRs, unless othe	rwise noted.)		Indic	ators for Proble	ematic Hydric	Soils ³ :	
Histoso	ol (A1)		Sandy	Redox (S5)		1	I cm Muck (A9) (I	LRR C)		
Histic E	Epipedon (A2)		Strippe	d Matrix (S6)			2 cm Muck (A10)			
Black I	Histic (A3)		Loamy	Mucky Mineral	(F1)	F	Reduced Vertic (F	- 18)		
Hydrog	gen Sulfide (A4)		Loamy	Gleyed Matrix	(F2)	F	Red Parent Mater	rial (TF2)		
	ed Layers (A5) (LRR (C)		ed Matrix (F3)			Other (Explain in	Remarks)		
	/luck (A9) (LRR D)			Dark Surface (I	,					
	ed Below Dark Surfac	e (A11)		ed Dark Surface		o				
	Dark Surface (A12)			Depressions (F	-8)		cators of hydroph			
	Mucky Mineral (S1)		vernal	Pools (F9)			etland hydrology		ent,	
Sandy	Gleyed Matrix (S4)					u	nless disturbed o	r problematic.		
Restrictive	Layer (if present):									
Type: sl	hovel refusal									
Depth (in	ches): 10		<u></u>			Hydric S	Soil Present?	Yes	No X	_
HYDROLO	nev									
	lydrology Indicators	•					Secondary In	dicators (2 or	more requi	rod)
	dicators (minimum of		check all that ann	dv)				ks (B1) (River		<u>eu</u>
		one required,				-		, , ,	•	
	e Water (A1)		Salt Cru	, ,				Deposits (B2)		
	Vater Table (A2) ation (A3)			rust (B12)	D12\			sits (B3) (Rive	rine)	
	` ,	ina\		Invertebrates (E n Sulfide Odor				Patterns (B10) on Water Table	(C2)	
	Marks (B1) (Nonriver					na Pooto (C2)			(02)	
	ent Deposits (B2) (No			l Rhizospheres	_	ig Roots (C3)		Surface (C7) currows (C8)		
	eposits (B3) (Nonrive	rine)		e of Reduced I ron Reduction		vila (CG)		Visible on Aer	ial Imagan, (COV
	ce Soil Cracks (B6) ation Visible on Aerial	lmaganı (P7)				olis (CO)			iai iiiiageiy (C9)
		imagery (b <i>r)</i>		ck Surface (C7	•			quitard (D3) ral Test (D5)		
wvaler	-Stained Leaves (B9)		Other (E	xplain in Rema	irks)		FAC-Neuti	rai Test (D5)		
Field Obse										
Surface Wa				ches):						
Water Table	e Present?		No Depth (in							
Saturation I (includes ca	Present? Yapillary fringe)	'es I	No Depth (in	ches):		Wetland Hydr	ology Present?	Yes	NoX	_
Describe Re	ecorded Data (stream	gauge, monit	oring well, aerial p	hotos, previous	s inspection	ns), if available	:			
Domorko: N	la watland hydrology i	ndiantora obc	on rod							
ixemalks. IV	lo wetland hydrology i	iulcaluis ubs	oci veu.							

Project/Site: Southwest Village Specif	fic Plan Project		City/Coun	ty: San Dieg	0	Sampling Date	e: <u>6/27/23</u>
Applicant/Owner: Tri Point Homes					State: CA	Sampling Poin	t: <u>165-UPL</u>
Investigator(s): Andrew Smisek					Range: Section 31, T18S		
Landform (hillslope, terrace, etc.): mes				ief (concave	, convex, none): none	Slo	ppe (%): 0
Subregion (LRR): C		Lat:	32.55847		Long: <u>-117.01846</u>	Datu	ım: NAD83
Soil Map Unit Name: Huerhuero loan	n, 2-9% slopes				NWI classifica	tion: none	
Are climatic / hydrologic conditions on	the site typical for	or this time o	f year? Yes	x No	o(If no, explain	in Remarks.)	
Are Vegetation, Soil	<u>,</u> or Hydrology _	signif	icantly disturb	ed?	Are "Normal Circumstand	ces" present? Ye	s <u>x</u> No
Are Vegetation, Soil	<u>,</u> or Hydrology _	natur	ally problemat	tic?	(If needed, explain any a	nswers in Remarl	<s.)< td=""></s.)<>
SUMMARY OF FINDINGS – Atta	ich site map s	howing sa	mpling poir	nt location	s, transects, importa	nt features, et	c.
Hydrophytic Vegetation Present?	Yes x	No	1- 41	0 11	A		
Hydric Soil Present?	Yes	No x		ne Sampled nin a Wetlan	Yes	No:	x
Wetland Hydrology Present?	Yes	No x		iii a weaaii	u:		
VEGETATION – Use scientific n	ames of plant						
<u>Tree Stratum</u> (Plot size:1.			Dominant Species?	Indicator Status	Number of Dominant S That Are OBL, FACW,	Species	1 (1)
2.					Total Number of Domi		(A)
3.					Species Across All Str		1 (B)
4.					Percent of Dominant S		
			= Total Cove	er	That Are OBL, FACW,	or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:)	·					
1					Prevalence Index wo	rksheet:	
2					Total % Cover of:		iply by:
3		<u> </u>			OBL species		
4					FACW species		
5			T-1-1-0		FAC species FACU species		
Herb Stratum (Plot size:)		= Total Cove	er Er	UPL species		
Festuca perennis		85	Y	FAC	Column Totals:	(A)	(B)
Erodium botrys		2	N	FACU			
3. Glebionis coronaria		2	N	UPL	Prevalence Inc	lex = B/A =	
4. Bromus diandrus		5	N	FACU	Hydrophytic Vegetat	ion Indicators:	
5.					x Dominance Tes	t is >50%	
6.					Prevalence Inde	ex is ≤3.0¹	
7. 8.						daptations¹ (Provarks or on a separ	
_		94	= Total Cov	ver	Problematic Hyd	drophytic Vegetat	ion¹ (Explain)
Woody Vine Stratum (Plot size:)						
1. 2.					¹ Indicators of hydric s be present, unless dis		
		94	= Total Cove	er	Hydrophytic		
% Bare Ground in Herb Stratum	% C	over of Biotic	Crust		Vegetation	Yes <u>x</u> N	lo
Remarks: The sample area supports	of a predominan	ce of hydrop	hytic vegetatio	on.	1		

SOIL Sampling Point: 165-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches) 0-18	Color (moiot)		Redux F	eatures			
0-18	Color (moist)	%	Color (moist) %	6 Type ¹	Loc ² Te	exture	Remarks
	10YR 3/3	100			clay		
		<u> </u>					
		<u> </u>					
Type: C-Co	ncontration D-Donlo	tion PM-Poduco	d Matrix, CS=Covered or Co	ated Sand Grains	2l ocation:	DI -Poro I ining I	RC=Root Channel, M=Matrix.
			RRs, unless otherwise				plematic Hydric Soils ³ :
-		ilicable to all El		-			•
Histoso	, ,		Sandy Redox	. ,		1 cm Muck (A9)	,
	Epipedon (A2)		Stripped Matri			2 cm Muck (A10	
	listic (A3)		Loamy Mucky			Reduced Vertic	
, ,	en Sulfide (A4)	D C)	Loamy Gleyer	, ,		Red Parent Mat	,
	ed Layers (A5) (LR	R C)	Depleted Mate	, ,		Other (Explain i	n Remarks)
	luck (A9) (LRR D)	inno (A11)	Redox Dark S				
	ed Below Dark Surf Park Surface (A12)	ace (ATT)	Depleted Dark		3Indi	inators of budror	phytic vogetation and
	Mucky Mineral (S1	`	Redox Depres				ohytic vegetation and
	Gleyed Matrix (S4)		Vernal Pools	ra)		-	gy must be present, I or problematic.
					,	uniess disturbed	Tot problematic.
Restrictive	Layer (if present)	:					
Type:							
Depth (inc	ches):				Hydric	Soil Present?	Yes No x
YDROLOG	GY						
	ydrology Indicato	rs:				Secondary	Indicators (2 or more required
_			check all that apply)			Water M	arks (B1) (Riverine)
	e Water (A1)		Salt Crust (B11)			nt Deposits (B2) (Riverine)
	/ater Table (A2)		Biotic Crust (B	•			posits (B3) (Riverine)
	tion (A3)		Aquatic Inverte				e Patterns (B10)
	Marks (B1) (Nonri v	(orino)	Hydrogen Sulfi	` ,			son Water Table (C2)
					Living Deets (CO)		
	ent Deposits (B2) (I	•			Living Roots (C3)		ck Surface (C7)
Sedime	eposits (B3) (Nonri	verine)		educed Iron (C4	,		Burrows (C8)
Sedime Drift De	e Soil Cracks (B6)			duction in Tilled	d Soils (C6)		on Visible on Aerial Imagery (CS
Sedime Drift De Surface				ace (C7)			Aquitard (D3)
Sedime Drift De Surface Inundat	tion Visible on Aeri	3 , (,	Thin Muck Sur	` ,			
Sedime Drift De Surface Inundat		3 , (,	Thin Muck Surf	` ,		FAC-Ne	utral Test (D5)
Sedime Drift De Surface Inundat	tion Visible on Aeri Stained Leaves (B	3 , (,		` ,		FAC-Ne	utral Test (D5)
Sedime Drift De Surface Inundat Water-S	tion Visible on Aeri Stained Leaves (B	9)		in Remarks)		FAC-Ne	utral Test (D5)
Sedime Drift De Surface Inundat Water-S	tion Visible on Aeri Stained Leaves (Barvations: ter Present?	9)	Other (Explain	in Remarks)	_	FAC-Ne	utral Test (D5)
Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat	tion Visible on Aeri Stained Leaves (Barvations: ter Present? Pe Present?	9) Yes N	Other (Explain No Depth (inches): No Depth (inches):	in Remarks)	— Wetland Hyd		
Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P	tion Visible on Aeri Stained Leaves (Barvations: ter Present? Pe Present?	9) Yes N	Other (Explain No Depth (inches): No Depth (inches):	in Remarks)	Wetland Hyd	FAC-Ne	
Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation P includes cal	tion Visible on Aeri Stained Leaves (Bervations: ter Present? Present? Present? pillary fringe)	Yes N	Other (Explain No Depth (inches): No Depth (inches):	in Remarks)		rology Present	
Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation P includes cal	tion Visible on Aeri Stained Leaves (Bervations: ter Present? Present? Present? pillary fringe)	Yes N	Other (Explain No Depth (inches): No Depth (inches): Depth (inches):	in Remarks)		rology Present	
Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation P includes cal	tion Visible on Aeri Stained Leaves (Bervations: ter Present? Present? Present? pillary fringe)	Yes N	Other (Explain No Depth (inches): No Depth (inches): Depth (inches):	in Remarks)		rology Present	
Sedime Drift De Surface Inundat Water-S Geld Obser Surface Water Table Saturation P Includes cap escribe Rec	tion Visible on Aeri Stained Leaves (Bervations: ter Present? Present? Present? pillary fringe)	Yes N Yes N Yes N m gauge, monit	Other (Explain No Depth (inches): No Depth (inches): Depth (inches):	in Remarks)		rology Present	
Sedime Drift De Surface Inundat Water-S Geld Obser Surface Water Table Saturation P Includes cap escribe Rec	tion Visible on Aeri Stained Leaves (Bi rvations: ter Present? e Present? Present? pillary fringe) corded Data (streat	Yes N Yes N Yes N m gauge, monit	Other (Explain No Depth (inches): No Depth (inches): Depth (inches):	in Remarks)		rology Present	
Sedime Drift De Surface Inundat Water-S Geld Obser Surface Water Table Saturation P Includes cap escribe Rec	tion Visible on Aeri Stained Leaves (Bi rvations: ter Present? e Present? Present? pillary fringe) corded Data (streat	Yes N Yes N Yes N m gauge, monit	Other (Explain No Depth (inches): No Depth (inches): Depth (inches):	in Remarks)		rology Present	

Project/Site: Southwest Village Specific Plan Project		City/County	: San Dieg	0	Sai	mpling Date	: 6/27/2	23
Applicant/Owner: Tri Point Homes				State:	CA Sa	mpling Poin	t: <u>166-L</u>	JPL
Investigator(s): Andrew Smisek		Section, T	ownship, R	ange: Section 31,	T18S R01\	N		
Landform (hillslope, terrace, etc.): mesa		Local relie	f (concave,	convex, none): none	ne	Slo	pe (%):	0
Subregion (LRR): C	Lat:	32.55889		Long: <u>-117.0185</u> 6	6	Datu	ım: <u>NAD</u>	83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI class	sification: r	none		
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes _	x No	(If no, exp	olain in Rer	narks.)		
Are Vegetationx,Soilx,or Hydrology	signifi	icantly disturbed	d? ,	Are "Normal Circum	stances" p	resent? Ye	s <u>x</u>	No
Are Vegetation, Soil, or Hydrology	natura	ally problematic	?	(If needed, explain a	any answer	s in Remarl	ks.)	
SUMMARY OF FINDINGS – Attach site map sl	nowing sa	mpling point	locations	s, transects, imp	ortant fea	atures, etc	>.	
Hydrophytic Vegetation Present? Yes	No x			_				
Hydric Soil Present? Yes	No x		. Sampled n a Wetland	Y	es	No :	X	
Wetland Hydrology Present? Yes	No x	withir	i a wetiani	u ?				
Remarks: Paired sample point for feature #166.								
VEGETATION – Use scientific names of plants								
<u>Tree Stratum</u> (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test				
1.	70 OOVCI	Орсоюз	Otatus	Number of Domir That Are OBL, FA			0	(A)
2.				Total Number of I				(/ ·//
3.	· 			Species Across A			3	(B)
4.				Percent of Domin				,
		= Total Cover		That Are OBL, FA	ACW, or FA	AC:	0	(A/B)
Sapling/Shrub Stratum (Plot size:)								
1				Prevalence Inde	x workshe	et:		
2				Total % Cove	er of:	Mult	iply by:	
3				OBL species	0	x 1 =	0	
4				FACW species	0	x 2 =	0	
5				FAC species	0	x 3 =	0	
		= Total Cover		FACU species	35	_ x 4 =	150	
Herb Stratum (Plot size:)				UPL species	60	_ x 5 =	300	
1. Glebionis coronaria	30		UPL	Column Totals:	95	_ (A)	450	(B)
2. Avena barbata	30		UPL	Prevalenc	ce Index = E	B/A = 4.7		
3. Mesembryanthemum nodiflorum	10		FACU	The decorbed of Man				
4. Bromus hordeaceus	25		FACU	Hydrophytic Veg	_			
5.				Dominance				
6.				Prevalence				
7. 8.				Morphologi data in I		r on a sepai		
o	95	= Total Cove	•			tic Vegetat		,
Woody Vine Stratum (Plot size:)		= Total Cove	l	Problemati	c nyaropny	riic vegetat	on. (⊏xl	olain)
				¹ Indicators of hy	dric soil an	d wetland h	vdrology	/ must
1				be present, unle				rindot
2	95	= Total Cover		Hydrophytic				
		- rotal cover		Vegetation				
% Bare Ground in Herb Stratum % Co	over of Biotic	Crust		Present?	Yes	N	Nох	
Remarks: The sample area does not support a predom	ninance of hy	ydrophytic vege	tation.	1				

SOIL Sampling Point: 166-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ires		_				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	<u> </u>	Rem	arks	
0-12	7.5YR 4/3	100					loam				
12-18	10YR 3/2	100					clay				
	-										—
	_										
	-										
											—
1- 0.0						2			50.5.10		
	oncentration, D=Depletion					S			RC=Root Channe		
•	il Indicators: (Appli	cable to all L	•		•				blematic Hydri	ic Solis":	
Histoso				Redox (S5)				Muck (A9			
	Epipedon (A2) Histic (A3)			l Matrix (Se Mucky Min				ced Vertic	0) (LRR B)		
	gen Sulfide (A4)			Gleyed Ma					terial (TF2)		
	ed Layers (A5) (LRR	C)		d Matrix (F	, ,				in Remarks)		
	fluck (A9) (LRR D)	-,		Dark Surfac	,			(=	,		
Deplet	ed Below Dark Surfa	ce (A11)	Deplete	d Dark Sur	face (F7)						
	Dark Surface (A12)		Redox D	Depression	ns (F8)		³ Indicator	rs of hydro	phytic vegetation	on and	
	Mucky Mineral (S1)	Vernal F	Pools (F9)					gy must be pre			
Sandy	Gleyed Matrix (S4)						unles	s disturbed	d or problemation	c.	
Restrictive	Layer (if present):										
Type:											
Depth (in	ches):						Hydric Soil F	Present?	Yes	No x	
Pomarke: I	No hyrdic soil indicate	ore observed									
HYDROLO	OGY										
Wetland H	lydrology Indicator	s:					S	econdary	Indicators (2	or more require	ed)
	dicators (minimum of		check all that appl	y)				Water N	Marks (B1) (Riv	erine)	
Surfac	e Water (A1)	•	Salt Crus	t (B11)				— Sedime	nt Deposits (B2	(Riverine)	
	Vater Table (A2)		Biotic Cru	` ,			_		posits (B3) (Riv		
	ition (A3)			nvertebrate	es (B13)		_		e Patterns (B1	,	
Water	Marks (B1) (Nonrive	erine)	Hydroger	n Sulfide O	dor (C1)				son Water Tab		
	ent Deposits (B2) (N		Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)		ıck Surface (C7		
	eposits (B3) (Nonriv	•			ed Iron (C4		` ′		Burrows (C8)	•	
	e Soil Cracks (B6)	,			ion in Tilled		6)	Saturati	on Visible on A	erial Imagery (C	C9)
Inunda	ation Visible on Aeria	I Imagery (B7)		k Surface			_		Aquitard (D3)		
Water-	-Stained Leaves (B9))	Other (Ex	cplain in Re	emarks)		' <u></u>	FAC-Ne	eutral Test (D5)		
Field Obse	ryations:						<u> </u>				
		Yes I	No Depth (inc	has).							
Water Table			No Depth (inc			_					
Saturation I			No Depth (inc	· ·		- Wetls	and Hydrolog	ny Prasan	t? Yes	No x	
	apillary fringe)		To Depti (inc	1103).		_	ilia i iyal oloş	gy i resem	103		_
•	corded Data (stream	gauge, monit	oring well, aerial ph	notos, prev	ious inspe	ctions), if	available:				
	·					,					
Remarks: N	lo wetland hydrology	indicators obs	served.								

Project/Site: Southwest Village Specific Plan Project		City/Courit	y: San Dieg	0	Sa	mpling Date	e. <u>0/20/</u>	23
Applicant/Owner: Tri Point Homes				State:	CA Sa	mpling Poir	nt: <u>169-</u> l	JPL
Investigator(s): Andrew Smisek		Section,	Γownship, R	ange: Section 31,	T18S R01	N		
Landform (hillslope, terrace, etc.): mesa		Local reli	ef (concave,	convex, none): no	ne	Slo	ope (%):	0
Subregion (LRR): C	Lat:	32.55857		Long: <u>-117.0193</u>	7	Dat	um: <u>NA</u> [D83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI class	sification:	none		
Are climatic / hydrologic conditions on the site typical f	or this time of	f year? Yes	x No	o(If no, exp	olain in Rei	marks.)		
Are Vegetation, Soil, or Hydrology	signif	icantly disturbe	ed?	Are "Normal Circum	stances" p	resent? Ye	es x	No
Are Vegetation, Soil, or Hydrology	natur	ally problemati	c? ((If needed, explain a	any answe	rs in Remar	ks.)	
SUMMARY OF FINDINGS – Attach site map	showing sa	mpling poin	t locations	s, transects, imp	ortant fe	atures, et	c.	
Hydrophytic Vegetation Present? Yes	No x			_				
Hydric Soil Present? Yes	No x		e Sampled . in a Wetland	Y	es	No	х	
Wetland Hydrology Present? Yes	No x	With	iii a vvetiaiii	ur				
Remarks: Paired sample point for feature #169. VEGETATION – Use scientific names of plan	ts.							
	Absolute	Dominant	Indicator	Dominance Test	workshe	et:		
Tree Stratum (Plot size:) 1.	% Cover	Species?	Status	Number of Domir That Are OBL, FA			1	(A)
2. 3.				Total Number of Species Across A			2	(B)
4.	_	= Total Cove	<u> </u>	Percent of Domin That Are OBL, FA			50	(A/B)
Sapling/Shrub Stratum (Plot size:)	- 10tal 0010						
1.				Prevalence Inde	x workshe	et:		
2.				Total % Cove	er of:	Mul	tiply by:	
3.				OBL species	0	x 1 =	0	
4.				FACW species	0	x 2 =	0	
5.				FAC species	36	x 3 =	108	
		= Total Cove	r	FACU species	1	x 4 =	4	
Herb Stratum (Plot size:)				UPL species	50	x 5 =	250	
1. Hordeum marinum	30	Y	FAC	Column Totals:	87	(A)	362	(B)
2. Rumex crispus	1	N	FAC	Prevalend	ce Index = I	B/A = 4.2		
3. Festuca perennis	5	N	FAC					
4. Avena sp.	50	Y	UPL	Hydrophytic Ve	getation In	dicators:		
5. Medicago polymorpha	1	N	FACU	Dominance				
6. 7.				Prevalence Morpholog	ical Adapta	ntions¹ (Prov		
8	87	= Total Cove	er	data in l		r on a sepa vtic Vegetat		,
Woody Vine Stratum (Plot size:)			¹ Indicators of hy	dric soil an	d wetland h	nydrolog	
2.				be present, unle	ss disturbe	ed or proble	matic.	
	87	= Total Cove	r	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum % C	Cover of Biotic	Crust		Present?	Yes_	1	Nox	
Remarks: The sample area does not support a predo	minance of h	ydrophytic veg	etation.					

SOIL Sampling Point: 169-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Featu	ıres		_				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ure	Ren	narks	
0-10	10YR 3/2	100					sandy cl	av			
0.10	10111 0/2				· —— ·		- Janay G				
		· —— —			· —— ·						
		·									
					· —— ·						
							_				
1Typo: C-Co	ncentration, D=Depletio	n PM-Poducod N	Matrix CS-Covere	d or Coatod	Sand Grain	c 2	l ocation: DI		C-Post Chang	ool M-Matrix	,
						J.		tors for Prob			١.
-	I Indicators: (Applic	able to all LKN							•	ic Solis.	
Histoso	` '			Redox (S5)	•			cm Muck (A9)	` ,		
	pipedon (A2)			l Matrix (S	,			cm Muck (A10			
	listic (A3)			Mucky Min				educed Vertic			
	en Sulfide (A4)			Gleyed Ma				ed Parent Mat	, ,		
	ed Layers (A5) (LRR	C)	Deplete	d Matrix (F	- 3)		Ot	her (Explain in	n Remarks)		
	uck (A9) (LRR D)		Redox [Dark Surfa	ce (F6)						
	ed Below Dark Surfac	ce (A11)	Deplete	d Dark Su	rface (F7)						
Thick D	ark Surface (A12)		Redox [Depression	ns (F8)		³ Indica	itors of hydrop	hytic vegetat	ion and	
Sandy	Mucky Mineral (S1)		Vernal F	Pools (F9)			we	tland hydrolog	gy must be pr	esent,	
Sandy	Gleyed Matrix (S4)						unl	ess disturbed	or problemat	ic.	
Postrictivo	Layer (if present):										
	ovel refusal		_								
Depth (inc	ches): 10		=				Hydric Sc	oil Present?	Yes	No_	Х
Remarks: N	lo hydric soil indicato	rs observed.									
	, ,										
HYDROLO	GV										
								0			! N
	ydrology Indicators							Secondary I			<u>equired)</u>
Primary Inc	licators (minimum of	one required; cl	neck all that appl	y)				Water M	arks (B1) (Ri	verine)	
Surface	e Water (A1)		Salt Crus	t (B11)				Sedimen	t Deposits (B	2) (Riverin	e)
High W	/ater Table (A2)		Biotic Cru	ust (B12)				Drift Dep	osits (B3) (Ri	verine)	
Saturat	tion (A3)			nvertebrat	es (B13)				Patterns (B1		
	Marks (B1) (Nonrive	rino)		n Sulfide C	` ,				son Water Ta	,	
						Listan Da	-+- (00)				
	ent Deposits (B2) (No				eres along	-	ots (C3)		ck Surface (C	•	
Drift De	eposits (B3) (Nonrive	erine)			ed Iron (C	,			Burrows (C8)		
Surface	e Soil Cracks (B6)		Recent Ir	on Reduc	tion in Tille	d Soils (C	6)	Saturatio	n Visible on <i>i</i>	Aerial Imag	ery (C9)
Inunda	tion Visible on Aerial	Imagery (B7)	Thin Muc	k Surface	(C7)			Shallow	Aquitard (D3)		
Water-	Stained Leaves (B9)		Other (E)	plain in R	emarks)			FAC-Neu	utral Test (D5)	
				<u> </u>				· <u></u>	•	,	
Field Obser											
Surface Wa	ter Present?	Yes No	Depth (inc	hes):		_					
Water Table	Present?	Yes No	Depth (inc	hes):		_					
Saturation F	Present?	res No	Depth (inc	hes):		Wetla	and Hydro	logy Present	? Yes	No	Х
(includes ca	pillary fringe)										
Describe Red	corded Data (stream	gauge, monitori	ing well, aerial ph	notos, prev	ious inspe	ctions), if	available:				
Remarks: No	o wetland hydrology i	ndicators obser	ved.								
	. 37										

Project/Site: Southwest Village Specific Plan Project	ect	City/Cour	nty: San Dieg	0	Sa	mpling Dat	e: <u>6/27/2</u>	3
Applicant/Owner: Tri Point Homes				State:	CA Sa	mpling Poi	nt: <u>171-U</u>	PL
Investigator(s): Andrew Smisek		Section,	Township, R	Range: Section 31,	T18S R01	W		
Landform (hillslope, terrace, etc.): mesa		Local re	lief (concave	, convex, none): <u>no</u>	ne	S	lope (%):	0
Subregion (LRR): C	Lat:	32.55866		Long: <u>-117.01888</u>	3	Da	tum: NAD	83
Soil Map Unit Name: Huerhuero loam, 2-9% slop	es			NWI class	sification:	none		
Are climatic / hydrologic conditions on the site typic	cal for this time o	fyear? Yes	x No	o(If no, exp	olain in Rei	marks.)		
Are Vegetation, Soil, or Hydrolo	gysignif	icantly disturb	ped?	Are "Normal Circum	stances" p	resent? You	es x	No
Are Vegetation, Soil, or Hydrolo	gynatur	ally problema	tic?	(If needed, explain a	any answe	rs in Rema	rks.)	
SUMMARY OF FINDINGS – Attach site ma	ap showing sa	mpling poi	nt location	s, transects, imp	ortant fe	atures, e	tc.	
Hydrophytic Vegetation Present? Yes	No x							
Hydric Soil Present? Yes	No x		he Sampled hin a Wetlan	Y	es	No	х	
Wetland Hydrology Present? Yes	No x	_ ****	illi a Wellan	u:				
VEGETATION – Use scientific names of p								
<u>Tree Stratum</u> (Plot size:) 1.	Absolute <u>% Cover</u>	Dominant Species?	Indicator Status	Number of Domir That Are OBL, FA	nant Specie	es		(A)
2. 3.				Total Number of I Species Across A	Dominant			
4.				Percent of Domin		 es		(B)
*·		= Total Cove	er	That Are OBL, FA	ACW, or FA	AC:		(A/B)
Sapling/Shrub Stratum (Plot size:)							
1.				Prevalence Inde	x workshe	eet:		
2.				Total % Cove	er of:	Mu	Itiply by:	_
3				OBL species		_		
4				FACW species _		_ x 2 = _		_
5				FAC species		_ x 3 = _		_
Hart Overton (District		= Total Cove	er	FACU species	40	_ x 4 = _	160	
Herb Stratum (Plot size:) 1. Bromus hordeaceus	20	V	FACIL	UPL species Column Totals:	12 52	_ x 5 = _ (A)	60 220	(P)
Glebionis coronaria	30 10	Y N	FACU UPL	Column Totals.	32	_ (A) _	220	(B)
Mesembryanthemum nodiflorum	10	N	FACU	Prevalence	e Index = I	B/A = 4.2		=
Bromus rubens		N	UPL	Hydrophytic Veg	netation In	dicators:		
5.				Dominance	-			
6.				Prevalence				
7.				Morphologi			vide supp	orting
8.				data in I	Remarks o	r on a sepa	arate shee	et)
	52	= Total Cov	ver	Problemati	c Hydroph	ytic Vegeta	ition¹ (Exp	olain)
Woody Vine Stratum (Plot size:)							
1. 2.				¹ Indicators of hybe present, unle				must
	52	= Total Cove	er	Hydrophytic				
% Bare Ground in Herb Stratum	% Cover of Biotic	: Crust		Vegetation Present?	Yes_		Nox	
Remarks: The sample area does not support a pr	edominance of h	ydrophytic ve	getation.					

SOIL Sampling Point: 171-UPL

	ription: (Describe to	the depth need				confirm t	the absence of	indicators.)
Depth (inches)	Matrix Color (moist)	% C	olor (moist)	dox Featur	res Type¹	Loc ²	_ Texture	Remarks
			olor (moist)		туре	LUC	-	Remarks
0-18	10YR 4/3	100					clay	
								_
							- -	
							- ·	<u> </u>
							-	
¹ Type: C=Coi	ncentration, D=Depletion	, RM=Reduced Ma	atrix, CS=Covered	d or Coated	Sand Grains	s. ²	Location: PL=Pore	E Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applica	ble to all LRRs	, unless other	wise noted	d.)		Indicators f	for Problematic Hydric Soils ³ :
Histosol	(A1)		Sandy R	ledox (S5)			1 cm Mi	uck (A9) (LRR C)
Histic E	pipedon (A2)		Stripped	Matrix (S6	6)		2 cm Mi	uck (A10) (LRR B)
Black H	istic (A3)		Loamy N	/lucky Mine	eral (F1)		Reduce	d Vertic (F18)
Hydroge	en Sulfide (A4)		Loamy C	Sleyed Mat	rix (F2)		Red Pa	rent Material (TF2)
Stratifie	d Layers (A5) (LRR C	:)	Depleted	d Matrix (F	3)		Other (E	Explain in Remarks)
1 cm Mi	uck (A9) (LRR D)		Redox D	ark Surfac	e (F6)			
Deplete	d Below Dark Surface	e (A11)	Depleted	d Dark Surf	face (F7)			
Thick D	ark Surface (A12)		Redox D	epression	s (F8)			of hydrophytic vegetation and
	Sandy Mucky Mineral (S1)			ools (F9)				hydrology must be present,
Sandy 0	Gleyed Matrix (S4)						unless d	listurbed or problematic.
Restrictive	Layer (if present):							
Type:								
Depth (inc	hes):						Hydric Soil Pre	esent? Yes No x
	· · ·						,	· · · · · · · · · · · · · · · · · · ·
Remarks: N	o hydric soil indicator	s observed.						
HYDROLOG	3Y							
	drology Indicators:						Seco	ondary Indicators (2 or more required)
-	cators (minimum of o	ne required: che	eck all that apply	v)				Water Marks (B1) (Riverine)
	Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
	` ,							
	ater Table (A2)		Biotic Cru	` '	- (D40)			Drift Deposits (B3) (Riverine)
Saturati				vertebrate				Drainage Patterns (B10)
	/larks (B1) (Nonriveri			Sulfide O				Dry-Season Water Table (C2)
	nt Deposits (B2) (Nor			Rhizosphe	_	_	· · —	Thin Muck Surface (C7)
Drift De	posits (B3) (Nonriver	ine)		of Reduce	•	,		Crayfish Burrows (C8)
Surface	Soil Cracks (B6)		Recent Ire	on Reducti	on in Tille	d Soils (C	6)	Saturation Visible on Aerial Imagery (C9)
Inundat	ion Visible on Aerial II	magery (B7)	Thin Muc	k Surface ((C7)			Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	plain in Re	emarks)		F	FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		es No_	Depth (incl	Jec).				
Water Table		es No				_		
						_\	and the dealers of	Dragger No. No
Saturation P (includes car		es No_	Depth (incl	ies):		vvetla	and Hydrology	Present? Yes No x
	orded Data (stream g	auge monitoring	n well aerial nh	intos previ	nus inene	ctions) if	available.	
Describe Nec	orded Data (Stream 9	auge, monitoring	g well, aerial pri	iotos, previ	ous mape	cuoris), ii	avallable.	
Remarks: No	wetland hydrology in	dicators observe	ed.					
	, 0,							

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	o, CA	Sampling Date:	August 8, 2023
Applicant/Owner: Tri Pointe Homes				State: CA	Sampling Point	: 173-UPL
Investigator(s): Andrew Smisek, Danelle Gadia		Section,	Township, R	Range: Section 31, T18S,	, R01W	
Landform (hillslope, terrace, etc.): Mesa		Local rel	ief (concave	, convex, none): None	Slo	pe (%): 0
Subregion (LRR): C	Lat: 3					m: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9 % slopes				NWI classificati	ion: None	
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	o (If no, explain ii	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	icantly disturb	ed?	Are "Normal Circumstanc	es" present? Yes	x No
Are Vegetation , Soil , or Hydrology				(If needed, explain any ar	nswers in Remark	s.)
SUMMARY OF FINDINGS – Attach site map sl	nowing sa	mpling poir	nt location	s, transects, importar	nt features, etc	•
Hydrophytic Vegetation Present? Yes	No X					
Hydric Soil Present? Yes		is th	e Sampled	Yes	No X	
Wetland Hydrology Present? Yes	No X	with	in a Wetlan	a? —		
Remarks: Upland sample point paired to 173-W. This VEGETATION – Use scientific names of plants	-					
Troe Stratum (Plot aize:	Absolute	Dominant Species 2	Indicator	Dominance Test work		
Tree Stratum (Plot size:) 1. none		Species?	Status	Number of Dominant S That Are OBL, FACW,		1 (A)
2				Total Number of Domir Species Across All Stra	nant	, , ,
4.				Percent of Dominant S		(B)
4.		= Total Cove	ar .	That Are OBL, FACW,	•	50% (A/B)
Sapling/Shrub Stratum (Plot size:)		= 10tal 00VC	,ı			
1. none				Prevalence Index wor	rksheet:	
2.				Total % Cover of:	Multi	ply by:
3.				OBL species	x 1 =	
4.				FACW species	x 2 =	
5				FAC species	x 3 =	
		= Total Cove	er	FACU species		
Herb Stratum (Plot size:)				UPL species		
1. Avena sp.	50	Y	UPL	Column Totals:	(A)	(B)
2. Distichlis spicata	5	N	FAC	Prevalence Inde	ex = B/A =	
3. Festuca perennis	30	Y	FAC			
4. Bromus rubens	5	N	UPL	Hydrophytic Vegetati		
5. <u>Croton setiger</u> 6.		N	UPL	Dominance Test		
7.					daptations1 (Provi	
8		T-1-10			rks or on a separ	,
Woody Vine Stratum (Plot size:	100	= Total Cov	er	Problematic Hyd	rophytic Vegetation	on¹ (Explain)
Woody Vine Stratum (Plot size:)				1 Indicators of budric of	ail and watland by	drala au mariat
1. <u>none</u> 2.				¹ Indicators of hydric so be present, unless dis		
2		= Total Cove	er	Hydrophytic Vegetation	· · · · · ·	
% Bare Ground in Herb Stratum % Co	ver of Biotic	Crust			esN	oX
Remarks:						

SOIL Sampling Point: 173-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			dox Features		=	
(inches)	Color (moist)	%	Color (moist)	% Type	Loc ²	Texture	Remarks
12	10YR 3/3	100				clay	no redox
		· -				- ·	
		· —— ·					<u>,</u> .
-		· —— ·					<u> </u>
							<u> </u>
					_		
¹ Type: C=Co	ncentration, D=Depletio	n RM=Reduce	ed Matrix CS=Covered	d or Coated Sand Gr	ains 2	l ocation: PI =Pore	Lining, RC=Root Channel, M=Matrix.
	I Indicators: (Applic		<u> </u>				or Problematic Hydric Soils ³ :
Histoso		abio to all <u>-</u>		ledox (S5)			ick (A9) (LRR C)
	pipedon (A2)			Matrix (S6)			ick (A10) (LRR B)
	listic (A3)			лиску Mineral (F1)		d Vertic (F18)
	en Sulfide (A4)			Gleyed Matrix (F2)			ent Material (TF2)
	d Layers (A5) (LRR	C)		d Matrix (F3)	'		xplain in Remarks)
	uck (A9) (LRR D)	•,		Park Surface (F6)			, pan in remaine,
	ed Below Dark Surface	e (A11)		d Dark Surface (F	7)		
	ark Surface (A12)	,		epressions (F8)	,	³ Indicators of	f hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal F	Pools (F9)		wetland h	nydrology must be present,
	Gleyed Matrix (S4)			` ,			sturbed or problematic.
Postrictivo	Layer (if present):						
	ovel refusal						
			<u></u>			Lludria Cail Dras	oont? Voo No V
Depth (inc	nes). 12					Hydric Soil Pres	sent? Yes No X
HYDROLO	GY						
Wetland Hy	ydrology Indicators	:				Seco	endary Indicators (2 or more required)
Primary Ind	icators (minimum of	one required	; check all that apply	y)		V	Vater Marks (B1) (Riverine)
Surface	e Water (A1)		Salt Crus	t (B11)		<u></u> s	Sediment Deposits (B2) (Riverine)
	ater Table (A2)		Biotic Cru	, ,			Prift Deposits (B3) (Riverine)
	ion (A3)			vertebrates (B13)		Orainage Patterns (B10)
	Marks (B1) (Nonrive	rine)		Sulfide Odor (C1	•		Ory-Season Water Table (C2)
	ent Deposits (B2) (No			Rhizospheres alo		·	hin Muck Surface (C7)
	eposits (B3) (Nonrive	,		of Reduced Iron	0 0	• • —	Crayfish Burrows (C8)
	e Soil Cracks (B6)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		on Reduction in T	` ,		Saturation Visible on Aerial Imagery (C9)
	tion Visible on Aerial	Imagery (R7	·	k Surface (C7)	ilica collo (ci	·	Shallow Aquitard (D3)
	Stained Leaves (B9)	iiilagery (D7	, <u>—</u>	plain in Remarks)			AC-Neutral Test (D5)
			Other (EX	piairi ir Nemarks,	'	'	AC-Neutral Test (D3)
Field Obser		_					
Surface Wat			No X Depth (incl	·			
Water Table			No X Depth (incl				
Saturation P		/es	No X Depth (incl	nes):	Wetla	ınd Hydrology F	Present? Yes No X
	pillary fringe)	aouao ====:	toring wall assisted	otoo province in	nootions\ if	ovojloklo:	
Describe Red	corded Data (stream	gauge, moni	toring well, aerial pr	iotos, previous ins	pections), if a	avallable:	
Remarks:							

Project/Site: Southwest Village Specific Plan Project		City/County	/: San Dieg	0	Sampling Date	e: August 17, 2023
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Poin	t: 198-UPL
Investigator(s): Andrew Smisek		Section, T	ownship, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): Mesa		Local relie	ef (concave,	convex, none): Convex	Slo	ope (%): 2
Subregion (LRR): C	Lat:	32.55205		Long: -117.02218	Datu	um: NAD83
Soil Map Unit Name: Olivehain cobbly loam, 9-30 % sl	opes			NWI classificati	ion: none	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	(If no, explain in	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	cantly disturbe	d? ,	Are "Normal Circumstanc	es" present? Ye	s X No
Are Vegetation, Soil, or Hydrology	natura	ally problemation	?	(If needed, explain any ar	nswers in Remarl	ks.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poin	tlocations	s, transects, importar	nt features, etc	c.
Hydrophytic Vegetation Present? Yes	No X					
Hydric Soil Present? Yes	No X		Sampled .	Yes	No 2	X
Wetland Hydrology Present? Yes	No X	withi	n a Wetland	a? —		
Remarks: Upland sample point paired to feature #198	wetland poi	nt This sample	area is not	a wetland		
VEGETATION – Use scientific names of plants	S.					
Torre Otertone (Districts	Absolute	Dominant	Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant S	pecies	0 (4)
2.				That Are OBL, FACW, Total Number of Domir	·	0 (A)
3				Species Across All Stra		2 (B)
4.				Percent of Dominant S	pecies	(D)
		= Total Cover		That Are OBL, FACW,	or FAC:	0 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index wor	ksheet:	
2.	<u> </u>	·		Total % Cover of:	Mult	tiply by:
3.				OBL species	x 1 =	
4				FACW species	x 2 =	
5		-		FAC species		
		= Total Cover		FACU species		
Herb Stratum (Plot size:)				UPL species		
1. Deinandra fasciculata	<1	N	FACU	Column Totals:	(A)	(B)
2. Hordeum marinum	<1	N	FAC	Prevalence Inde	ex = B/A =	
3. Bromus hordeaceus			FACU			
4. Mesembryanthemum nodiflorum	1		FACU	Hydrophytic Vegetati		
5. Avena sp. 6. Centaurea melitensis	40		UPL	Dominance Test		
	<u>14</u> 15	N _	UPL UPL	Prevalence Inde		da a a a a a a a a a a a a a a a a a a
7. Bromus rubens 8.			UPL	Morphological Addata in Rema	rks or on a sepai	
0	90	= Total Cove			·	,
Woody Vine Stratum (Plot size:)		- Total Cove	÷1	Problematic Hyd	rophylic vegetal	ion (Explain)
1. none				¹ Indicators of hydric so	nil and wetland h	vdrology must
2.				be present, unless dis		
		= Total Cover		Hydrophytic		
		- 10101 00101		Vegetation		
% Bare Ground in Herb Stratum10 % Co	ver of Biotic	Crust		Present?	′es N	NoX
Remarks:				1		

SOIL Sampling Point: 198-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth Matrix			Re	dox Featu	ires		_					
(inches)	Color (moist)	%	Colo	or (moist)	%	Type ¹	Loc ²	Texture		Remar	ks	
0-8	10YR 3/3	100						sandy clay	no redox			
8-14	7.5YR 3.3	100						clay	no redox			
_									_			
					-				_			
								- '-				_
¹ Type: C=Co	oncentration, D=Deple	tion, RM=Reduc	ed Matri	x, CS=Covered	d or Coated	Sand Grains	i. 2	Location: PL=Pore	Lining, RC=R	loot Channel	M=Matrix.	
Hydric Soi	il Indicators: (App	licable to all L	RRs, u	ınless other	wise note	d.)		Indicators f	or Problem	atic Hydric	Soils ³ :	
Histoso	ol (A1)		-	Sandy F	Redox (S5))		1 cm M	uck (A9) (LR	RC)		
Histic E	Epipedon (A2)			Stripped	Matrix (S	6)		2 cm M	uck (A10) (L l	RR B)		
	Histic (A3)				Mucky Min				d Vertic (F18			
	gen Sulfide (A4)				Gleyed Ma				rent Material			
	ed Layers (A5) (LR	R C)			d Matrix (F	,		Other (E	Explain in Re	marks)		
	luck (A9) (LRR D) ed Below Dark Suri	faco (A11)			Dark Surfa d Dark Sui	` '						
	Dark Surface (A12)	ace (ATT)			Dark Sui Depression	` ,		³ Indicators o	of hydronhytic	c vegetation	and	
	Mucky Mineral (S1)	•		Pools (F9)	10 (1 0)			hydrology m	-		
	Gleyed Matrix (S4)	•	•		(,				isturbed or p		- ',	
Restrictive	Layer (if present)											
	novel refusal	•										
	ches): 14							Hydric Soil Pre	sent? Y	'es	No	Χ
Remarks:	<u> </u>							,				
HYDROLO	GY .											
	ydrology Indicato	rs.						Sec	ondary Indic	eators (2 or	more re	auired)
	dicators (minimum		l: check	all that appl	v)				Nater Marks			<u> </u>
	e Water (A1)		,	Salt Crus					Sediment De			ā)
	/ater Table (A2)		_	Biotic Cru	. ,				Orift Deposits			,
	tion (A3)		_		nvertebrate	es (B13)			Drainage Pat	. , .		
	Marks (B1) (Nonri	verine)	_		n Sulfide C				ک ا Dry-Season	, ,		
	ent Deposits (B2) (Oxidized	Rhizosphe	eres along l	Living Ro	ots (C3)	r Thin Muck Sι	urface (C7)		
Drift D	eposits (B3) (Nonri	iverine)		Presence	of Reduc	ed Iron (C4)	· · · <u> </u>	Crayfish Burr	ows (C8)		
Surfac	e Soil Cracks (B6)			Recent Ir	on Reduct	ion in Tilled	Soils (C	6)	Saturation Vi	sible on Ae	rial Image	ery (C9)
Inunda	ition Visible on Aeri	al Imagery (B7	') _	Thin Muc	k Surface	(C7)			Shallow Aqui	tard (D3)		
Water-	Stained Leaves (B	9)	_	Other (Ex	plain in R	emarks)		F	FAC-Neutral	Test (D5)		
Field Obse	rvations:											
Surface Wa	iter Present?	Yes	No X	Depth (inc	hes):							
Water Table	e Present?	Yes	No X	Depth (inc	hes):							
Saturation F	Present?	Yes	No X	Depth (inc	hes):		Wetla	and Hydrology	Present?	Yes	No	X
	apillary fringe)											
Describe Re	corded Data (strea	m gauge, mon	itoring v	vell, aerial ph	notos, prev	ious inspec	ctions), if	available:				
Remarks:												
US Army Co	rps of Engineers									Arid West	– Version	2.0

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	0	Sampling	Date: 6/20/2	23
Applicant/Owner: Tri Point Homes				State: CA	Sampling	Point: <u>201-L</u>	JPL
Investigator(s): Andrew Smisek		Section,	Township, R	ange: Section 31, T18	3 R01W		
Landform (hillslope, terrace, etc.): mesa		Local rel	lief (concave	, convex, none): none		Slope (%):	0
Subregion (LRR): C	Lat:	32.55337		Long: <u>-117.02119</u>		Datum: NAD	083
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classifica	ation: none		
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	x No	o(If no, explain	in Remarks.))	
Are Vegetation, Soil, or Hydrology	signifi	cantly disturb	ed?	Are "Normal Circumstan	ces" present	? Yes <u>x</u>	No
Are Vegetation, Soil, or Hydrology	natura	ally problemat	tic?	(If needed, explain any a	answers in Re	emarks.)	
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poir	nt location	s, transects, importa	ant features	s, etc.	
Hydrophytic Vegetation Present? Yes	No x	lo #	a Camplad	Aron			
Hydric Soil Present? Yesx	No		ne Sampled nin a Wetlan	Yes	No No	X	
Wetland Hydrology Present? Yes	No x	_					
Remarks: Paired sample point for feature #201.							
VEGETATION – Use scientific names of plants	S.						
Trans Objections (Plateins	Absolute	Dominant	Indicator	Dominance Test wo	rksheet:		
Tree Stratum (Plot size:) 1	% Cover	Species?	Status	Number of Dominant That Are OBL, FACW		0	(A)
2. 3.				Total Number of Dom Species Across All St		2	(B)
4.				Percent of Dominant		0	(A/D)
		= Total Cove	er	That Are OBL, FACW	, or FAC:	0	(A/B)
Sapling/Shrub Stratum (Plot size:)							
1				Prevalence Index wo			
2				Total % Cover of:		Multiply by:	
3					0 x 1		
4				· —	0 x 2 20 x 3	-	
5		Total Cause			20 x 3 16 x 4		
Herb Stratum (Plot size:)		= Total Cove) I	· -	60 x 5		<u></u>
1. Avena sp	60	Υ	UPL	· —	96 (A)		(B)
Medicago polymorpha	1	N	FACU				` ′
3. Hordeum marinum	10	N	FAC	Prevalence In	dex = B/A = 4	.4	
4. Festuca perennis	10	N	FAC	Hydrophytic Vegeta	tion Indicate	rs:	
5. Bromus diandrus	15	Υ	FACU	Dominance Tes			
6.				Prevalence Ind	ex is ≤3.0¹		
7				Morphological /	Adaptations ¹ arks or on a s		
8	96	= Total Cov					•
Woody Vine Stratum (Plot size:		= Total Cov	/EI	Problematic Hy	aropnytic ve	jetation. (Exp	piain)
				¹ Indicators of hydric	soil and wetl:	and hydrology	, must
2.				be present, unless d			y must
	96	= Total Cove	er	Hydrophytic			
% Bare Ground in Herb Stratum % Co	ver of Biotic			Vegetation	Yes	No x	
Remarks: The sample area does not support a predom			netation				
internation into dample area does not support a produit		, s. opriyuo vot	g=1011011.				

SOIL Sampling Point: 201-UPL

Profile Desc Depth	cription: (Describe Matrix	to the dept	h needed to doo	ument the in Redox Featu		confirm	the absence	of indicators	.)		
(inches)	Color (moist)	%	Color (moist)		Type ¹	Loc ²	 Textur	e	Rema	arks	
0-18	10YR 4/2	99%	7.5YR 4/3	1	<u> ург</u> .	M	clay	<u> </u>			
0-10	1011/4/2	9970	7.511 4/3			IVI	Clay				
					· ·						
					· ·						
1Type: C=Co	ncentration, D=Depletion	n RM-Redu	ced Matrix CS-Co	vered or Coated	Sand Grains	2	² I ocation: PI –	Pore Lining, RC=	-Root Channe	M-Matrix	
	Indicators: (Applie					J.		ors for Probler			
Histoso	`		•	dy Redox (S5	•			n Muck (A9) (L	•		
	pipedon (A2)			ped Matrix (S				n Muck (A3) (L n Muck (A10) (
	listic (A3)			my Mucky Mir				uced Vertic (F			
	en Sulfide (A4)			my Gleyed Ma				Parent Materia			
	d Layers (A5) (LRR	C)		leted Matrix (F				er (Explain in R	` ,		
	uck (A9) (LRR D)	O)		ox Dark Surfa				or (Explain in I	(ciriarito)		
	d Below Dark Surfa	ce (A11)		leted Dark Su	` '						
	ark Surface (A12)	oo (/ · · · · /		ox Depression	` ,		3Indicato	rs of hydrophy	rtic vegetatio	n and	
	Mucky Mineral (S1)			nal Pools (F9)	()			and hydrology i	-		
	Gleyed Matrix (S4)							ss disturbed or			
	Layer (if present):								<u> </u>		
Type:	Layer (ii present).										
Depth (inc	hoe).						Hydric Soil	Dresent?	Yes x	No	
	-						Trydno Con	T TOSCIN:	100 X		
Remarks: D	epleted matrix indic	ator observe	ed.								
HYDROLO	GY										
Wetland Hy	ydrology Indicators	s:					9	Secondary Ind	licators (2 d	or more req	uired)
Primary Ind	icators (minimum of	one require	d; check all that	apply)				Water Mark	s (B1) (Riv e	erine)	
Surface	Water (A1)		Salt (Crust (B11)				Sediment D	Deposits (B2) (Riverine))
High W	ater Table (A2)			Crust (B12)			_	Drift Depos	its (B3) (Riv	erine)	
	ion (A3)			tic Invertebrat	es (B13)			 Drainage P	, , ,	•	
	Marks (B1) (Nonrive	erine)		ogen Sulfide C			_	 Dry-Seasor			
	ent Deposits (B2) (N			zed Rhizosph		Livina Ra	oots (C3)	Thin Muck			
	eposits (B3) (Nonriv			ence of Reduc	_	-		Crayfish Bu	•	,	
	Soil Cracks (B6)	·············		nt Iron Reduc				Saturation \		erial Imager	v (C9)
	tion Visible on Aerial	Imagery (R		Muck Surface) OO (C	_	Shallow Aq		onai imagoi	<i>y</i> (00)
	Stained Leaves (B9)	0 , (<i>'</i>	r (Explain in R			_	FAC-Neutra			
water-c	Stairled Leaves (D3)			i (Lxpiaiii iii ix	emarks)		-	I AC-Neutra	ai Test (D3)		
Field Obser											
Surface Wat		Yes		(inches):							
Water Table		Yes		(inches):		_					
Saturation P		Yes	No Depth	(inches):		Wetl	land Hydrolo	gy Present?	Yes	No	X
	pillary fringe)			-1		-4:\ :f	f aa.:lalala.				
Describe Rec	corded Data (stream	gauge, mor	nitoring well, aeria	ai pnotos, pre\	/lous inspe	ctions), if	r avallable:				
Remarks: No	wetland hydrology	indicators o	bserved.								
	, 6,										

Project/Site: Southwest Village Specific Plan	Project		City/County	r: San Diego)	Sam	pling Date	: 6/20/2	23
Applicant/Owner: Tri Point Homes					State:	CASam	pling Poin	t: <u>202-U</u>	JPL
Investigator(s): Andrew Smisek			Section, T	ownship, R	ange: Section 31,	T18S R01W	<u>'</u>		
Landform (hillslope, terrace, etc.): mesa			Local relie	ef (concave,	convex, none): nor	ne	Slo	pe (%):	3
Subregion (LRR): C		Lat:	32.55238		Long: -117.02079)	Datu	um: <u>NAD</u>	183
Soil Map Unit Name: Huerhuero loam, 2-9%	slopes				NWI class	sification: no	one		
Are climatic / hydrologic conditions on the site	e typical for	this time of	year? Yes _	x No	(If no, exp	olain in Rem	arks.)		
Are Vegetation, Soil, or Hy	drology	signifi	cantly disturbe	d? /	Are "Normal Circum	stances" pre	esent? Ye	s x	No
Are Vegetation, Soil, or Hy	drology	natura	ally problematio	? (If needed, explain a	any answers	in Remarl	ks.)	
SUMMARY OF FINDINGS – Attach sit	te map sh	owing sa	mpling point	locations	s, transects, imp	ortant fea	tures, etc	c.	
Hydrophytic Vegetation Present? Ye	s	No x			_				
Hydric Soil Present? Ye	s	No x		e Sampled <i>i</i> n a Wetland	Ye	es	No	X	
Wetland Hydrology Present? Ye	es	No x		ii a vveliaiit	4:				
Remarks: Paired sample point for feature # VEGETATION – Use scientific names									
		Absolute	Dominant	Indicator	Dominance Test	worksheet	:		
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Domin That Are OBL, FA			1	(A)
2. 3.					Total Number of I Species Across A			3	(B)
4.			= Total Cover		Percent of Domin That Are OBL, FA			33.3%	(A/B)
Sapling/Shrub Stratum (Plot size:)		- Total Gover						
1.					Prevalence Inde	x workshee	et:		
2.					Total % Cove	er of:	Mult	tiply by:	
3.					OBL species	0	x 1 =	0	<u> </u>
4.					FACW species	0	x 2 =	0	
5.					FAC species	20	x 3 =	60	
			= Total Cover		FACU species	0	x 4 =	0	
Herb Stratum (Plot size:)				UPL species	80	x 5 =	400	
1. Avena sp		50	Υ	UPL	Column Totals:	100	(A)	460	(B)
2. Festuca perennis		30	Y	UPL	Prevalenc	e Index = B/	A = 4.6		
3. Hordeum marinum		20	Y	FAC					_
4					Hydrophytic Veg	getation Ind	icators:		
5					Dominance	e Test is >50	1%		
6					Prevalence	Index is ≤3	.0 ¹		
7. 8.					Morphologi data in F	cal Adaptati Remarks or			
Woody Vine Stratum (Plot size:)	100	= Total Cove	r	Problemation	c Hydrophyt	ic Vegetati	ion¹ (Exp	olain)
1.					¹ Indicators of hydbe present, unlead				/ must
2.		100	= Total Cover		Hydrophytic				
% Bare Ground in Herb Stratum	% Cov	er of Biotic	Crust		Vegetation Present?	Yes	N	Nox	
Remarks: The sample area does not suppor	t a predomi	nance of hy	drophytic vege	etation.	1				

SOIL Sampling Point: 202-UPL

Profile Desc Depth	cription: (Describe	-		ent the inc edox Featu		confirm t	he absence of i	indicators.)
(inches)	Matrix Color (moist)		Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
			color (moist)		Турс	LOC		
0-5	10YR 4/2	100					clay	no redox
							- 1	_
							- 1	· · · · · · · · · · · · · · · · · · ·
								_
	ncentration, D=Deplet					s. ² l		Lining, RC=Root Channel, M=Matrix.
-	I Indicators: (Appli	cable to all LRR						or Problematic Hydric Soils ³ :
Histoso				Redox (S5)				uck (A9) (LRR C)
	pipedon (A2)			d Matrix (Se	,			uck (A10) (LRR B)
	listic (A3)			Mucky Min				d Vertic (F18)
	en Sulfide (A4)			Gleyed Ma				rent Material (TF2)
	d Layers (A5) (LRR	(C)		d Matrix (F	,		Other (E	Explain in Remarks)
	uck (A9) (LRR D)	(0.4.4)		Dark Surfac	` '			
	ed Below Dark Surfa	ace (A11)		d Dark Sur			31	f budges budge as setation and
	ark Surface (A12)			Depression	S (F8)			of hydrophytic vegetation and
_	Mucky Mineral (S1)		vernai i	Pools (F9)				hydrology must be present,
	Gleyed Matrix (S4)						uniess a	isturbed or problematic.
	Layer (if present):							
Type: 5			<u> </u>					
Depth (inc	ches): shovel refus	al					Hydric Soil Pre	sent? Yes No x
Remarks: N	lo hydric soil indicat	ors observed						
	,							
HYDROLO	GV .							
	ydrology Indicator	'S:					Seco	ondary Indicators (2 or more required)
_	licators (minimum o		neck all that appl	v)				Water Marks (B1) (Riverine)
	e Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
	ater Table (A2)		Biotic Cru	. ,			·	Orift Deposits (B3) (Riverine)
	` ,			` ,	o (D12)			
	ion (A3)	\		nvertebrate				Orainage Patterns (B10)
	Marks (B1) (Nonriv			n Sulfide O				Ory-Season Water Table (C2)
	ent Deposits (B2) (N			Rhizosphe	_	_	· · · —	Thin Muck Surface (C7)
	eposits (B3) (Nonri v	verine)		of Reduce				Crayfish Burrows (C8)
	e Soil Cracks (B6)			on Reduct		d Soils (C		Saturation Visible on Aerial Imagery (C9)
Inundat	tion Visible on Aeria	ıl Imagery (B7)	Thin Mud	k Surface	(C7)		8	Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)	Other (Ex	kplain in Re	emarks)		F	FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat	ter Present?	Yes No	Depth (inc	hes):				
Water Table	Present?	Yes No	·					
Saturation P			Depth (inc	· ·		— Wetla	and Hydrology I	Present? Yes No x
	pillary fringe)	No				_ '''		100110
	corded Data (stream	n gauge, monitori	ng well, aerial pl	notos, prev	ious inspe	ctions), if a	available:	
	•				•	,-		
Remarks: No	wetland hydrology	indicators obser	ved.					

Project/Site: Southwest Village Specific Plan Project		City/Count	y: San Dieg	0	_Sampling Date:	August 8,2023
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point:	203/283-UPL
Investigator(s): Andrew Smisek		Section,	Township, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local reli	ef (concave,	convex, none): none	Slop	e (%): 0
Subregion (LRR): C	Lat:	32.55141		Long: -117.01854	Datun	n: <u>NAD83</u>
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	lopes			NWI classificati	on: none	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o(If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	icantly disturbe	ed?	Are "Normal Circumstanc	es" present? Yes	X No
Are Vegetation, Soil, or Hydrology	natura	ally problemati	c?	(If needed, explain any ar	nswers in Remarks	.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poin	t location	s, transects, importar	nt features, etc.	
Hydrophytic Vegetation Present? Yes	No X			_		
Hydric Soil Present? Yes	No X		e Sampled in a Wetlan	Yes	No X	
Wetland Hydrology Present? Yes	No X	With	iii a vvetiaii	u :		
VEGETATION – Use scientific names of plants	S.					
Tree Stratum (Plot size:)	Absolute	Dominant Species?	Indicator Status	Dominance Test work		
1. none	% Cover	Species?	Status	Number of Dominant S That Are OBL, FACW,	pecies or FAC:	2 (A)
2.				Total Number of Domir Species Across All Stra	nant	
3.				Percent of Dominant S		4 (B)
Sapling/Shrub Stratum (Plot size:)		= Total Cove	r	That Are OBL, FACW,		50% (A/B)
1. none				Prevalence Index wor	ksheet.	
2.				Total % Cover of:	Multip	ly by:
3.				OBL species	x 1 =	
4				FACW species	x 2 =	
5.				FAC species	x 3 =	
		= Total Cove	r	FACU species	x 4 =	
Herb Stratum (Plot size:)	-			UPL species	x 5 =	
1. Avena sp.	30	Υ	UPL	Column Totals:	(A)	(B)
2. Bromus diandrus	20	Y	UPL	Prevalence Inde	ex = B/A =	
3. Hordeum marinum	30	Y	FAC			
4. Festuca perennis	20	Y	FAC	Hydrophytic Vegetation	on Indicators:	
5				Dominance Test		
6.				Prevalence Index		
7. 8.					daptations¹ (Provid rks or on a separa	11
Woody Vine Stratum (Plot size:)	100	= Total Cov	er	Problematic Hyd	rophytic Vegetation	n¹ (Explain)
1. none				¹ Indicators of hydric so be present, unless dis		
2		Total O				
% Bare Ground in Herb Stratum % Co	ver of Biotic	= Total Cove Crust	Γ	Hydrophytic Vegetation Present? Y	´es No	×
Remarks:						

SOIL Sampling Point: 203/283-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ires		_			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	
0-6	10YR 4/3	100					sandy loam	no redox		
							- 			
	-									
								. ———		
	-									
1Typo: C-Co	ncentration, D=Depletion	n PM-Poduoo	Motrix CS-Covere	d or Contod	Cond Crain	2	Location: PL=Pore	Lining BC_Bo	ot Channal M-	Motrix
	Indicators: (Applic					S.	Indicators fo			
•	`	able to all Liv	•		•				•	
Histosol	` '			Redox (S5)				ck (A9) (LRR	,	
	pipedon (A2)			Matrix (S	,			ck (A10) (LR		
	istic (A3) en Sulfide (A4)			Mucky Min				Vertic (F18)		
· ·	, ,	C)		Gleyed Ma d Matrix (F				ent Material (
	d Layers (A5) (LRR uck (A9) (LRR D)	C)		a Matrix (F Dark Surfa	,		Other (E	xplain in Ren	iaiks)	
	d Below Dark Surfa	co (Δ11)		d Dark Sur	` '					
	ark Surface (A12)	DC (ATT)		Depression			³ Indicators of	hydrophytic	vegetation ar	nd
	Mucky Mineral (S1)			Pools (F9)	15 (1 0)				st be present	
	Gleyed Matrix (S4)			0010 (1 0)				sturbed or pro		1
							1			
	Layer (if present):									
	ovel refusal		_							
Depth (inc	hes): <u>6</u>		_				Hydric Soil Pres	ent? Ye	es	No <u>X</u>
Remarks:										
HYDROLO	GY									
Wetland Hy	drology Indicators):					Seco	ndary Indica	ators (2 or m	ore required
Primary Ind	icators (minimum of	one required;	check all that appl	y)			V	/ater Marks (B1) (Riverine	!)
	Water (A1)	•	Salt Crus						osits (B2) (Ri	
	ater Table (A2)		Biotic Cru						(B3) (Riverin	
	ion (A3)			nvertebrate	oc (B12)			rainage Patte		C)
		-i\		Sulfide O	` ,			•	/ater Table (C	.0)
	Marks (B1) (Nonrive				, ,	Listen Be	·			· ∠)
	ent Deposits (B2) (No				eres along	•	· · · —	hin Muck Sui	, ,	
	posits (B3) (Nonrive	erine)			ed Iron (C	,		rayfish Burro	` ,	
	Soil Cracks (B6)				ion in Tille	d Soils (C			ble on Aerial	Imagery (CS
Inundat	ion Visible on Aerial	Imagery (B7)		k Surface	` '			hallow Aquita		
Water-S	Stained Leaves (B9)		Other (Ex	cplain in Re	emarks)		F	AC-Neutral T	est (D5)	
Field Obser	vations:									
Surface Wat		Yes N	lo X Depth (inc	hes):						
Water Table			lo X Depth (inc			_				
Saturation P			lo X Depth (incl			— Wetla	ınd Hydrology F	resent?	Yes	No X
	pillary fringe)	163 1	lo X Deptii (iiic				ilia riyarology r	i esciit :	163	NO
`	orded Data (stream	gauge, monito	ring well, aerial ph	notos, prev	ious inspe	ctions), if a	available:			
	.oaoa 2aia (ooa	gaage,e	g, aa. p.	.o.oo, p.o.	.000000	000,,				
Remarks:										

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	o, CA	_Sampling Date: A	August 8, 2023
Applicant/Owner: Tri Pointe Homes				State: CA	_Sampling Point: 2	204-UPL
Investigator(s): Andrew Smisek, Danelle Gadia		Section,	Township, R	ange: Section 31, T18S,	R01W	
Landform (hillslope, terrace, etc.): Mesa		Local re	lief (concave,	convex, none): Convex	Slope	(%): 3
Subregion (LRR): C	Lat:	32.55436		Long: -117.01852	Datum:	NAD83
Soil Map Unit Name: Huerhuero loam, 2-9 % slopes				NWI classificati	on: None	
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	XNo	o(If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	cantly disturb	ed?	Are "Normal Circumstance	es" present? Yes _	X No
Are Vegetation, Soil, or Hydrology	natura	ally problema	tic?	(If needed, explain any an	swers in Remarks.))
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poi	nt location	s, transects, importar	nt features, etc.	
Hydrophytic Vegetation Present? Yes	No X			_		
Hydric Soil Present? Yes	No X		ne Sampled nin a Wetlan	Yes	No X	
Wetland Hydrology Present? Yes	No X	Witi	iii a vveliaii	u:		
Remarks: Upland sample point paired to feature #204 VEGETATION – Use scientific names of plants						
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work		
1. none	70 OOVCI	Орсскоз:	Otatus	Number of Dominant S That Are OBL, FACW,	pecies or FAC:	1 (A)
2				Total Number of Domin Species Across All Stra	ant	2 (B)
4.		= Total Cove	er	Percent of Dominant St That Are OBL, FACW,	pecies)% (A/B)
Sapling/Shrub Stratum (Plot size:)				Dravelance Index wer	lrahaat:	
1. <u>none</u> 2.				Prevalence Index wor Total % Cover of:	Ksneet: Multiply	, by:
3.				OBL species	x 1 =	
4				FACW species	x 2 =	
5.				FAC species	x 3 =	
		= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Avena sp.	50	Υ	UPL	Column Totals:	(A)	(B)
2. Deinandra fasciculata	2	N	FACU	Prevalence Inde	ex = B/A =	
3. Festuca perennis	30	Y	FAC			
4. Bromus diandrus	2	N	UPL	Hydrophytic Vegetation	on Indicators:	
5. Hordeum marinum	15	N	FAC	Dominance Test	is >50%	
6. Atriplex semibaccata	1	N	FAC	Prevalence Index		
7. 8.					daptations ¹ (Provide rks or on a separate	11 0
Woody Vine Stratum (Plot size:)	100	= Total Cov	/er	Problematic Hydi	rophytic Vegetation	¹ (Explain)
1. <u>none</u> 2.				¹ Indicators of hydric so be present, unless dis		
		= Total Cove	er	Hydrophytic Vegetation	· ·	
% Bare Ground in Herb Stratum % Co	ver of Biotic	Crust		Present? Y	esNo_	X
Remarks:						

SOIL Sampling Point: 204-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			dox Feature			_				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textur	e	Rer	narks	
12	10YR 3/3	100					sandy clay	y no i	edox		
							_				
-	-	·			 -						
¹ Type: C=Co	ncentration, D=Depletio	n RM=Reduce	d Matrix CS=Covered	d or Coated S	Sand Grains	3 2	l ocation: PI =	Pore Lining	RC=Root Chan	nel M=Matrix	
	Indicators: (Applic								blematic Hyd		
Histoso		abio to all 2 i		Redox (S5)	,) (LRR C)		
	pipedon (A2)			Matrix (S6))				10) (LRR B)		
	listic (A3)			Mucky Mine	,			uced Verti			
	en Sulfide (A4)			Gleyed Matr					aterial (TF2)		
	d Layers (A5) (LRR (C)		d Matrix (F3					in Remarks)		
	uck (A9) (LRR D)	-,		Dark Surface	,			o. (=/q/a			
	d Below Dark Surfac	e (A11)		d Dark Surfa	` ,						
	ark Surface (A12)	- ()		Depressions			3Indicato	ors of hydro	phytic vegeta	tion and	
	Mucky Mineral (S1)		Vernal F	Pools (F9)	` ,		wetla	and hydrolo	ogy must be pr	resent,	
	Gleyed Matrix (S4)			` ,				-	d or problema		
Postrictivo	Layer (if present):										
	ovel Refusal										
			-				Lludria Cail	Dracanta	Voc	No. V	
Depth (inc	nes): 12		<u> </u>				Hydric Soil	Present?	Yes	No X	_
Remarks:											
HYDROLO	GY										
Wetland Hy	ydrology Indicators	:					<u> </u>	Secondary	Indicators (2	or more requi	red)
Primary Ind	icators (minimum of	one required;	check all that appl	y)				Water I	Marks (B1) (Ri	verine)	
Surface	Water (A1)		Salt Crus	t (B11)				Sedime	ent Deposits (E	32) (Riverine)	
High W	ater Table (A2)		Biotic Cru	ıst (B12)				Drift De	posits (B3) (R	iverine)	
Saturat	ion (A3)		Aquatic Ir	nvertebrates	s (B13)		_	 Draina	ge Patterns (B	10)	
Water N	Marks (B1) (Nonrive	rine)	Hydroger	n Sulfide Oc	dor (C1)		_		ason Water Ta		
	ent Deposits (B2) (No			Rhizospher		Livina Ro	ots (C3)		uck Surface (C		
	posits (B3) (Nonrive	,		of Reduce	•	Ū			n Burrows (C8	•	
	Soil Cracks (B6)	,		on Reduction	,	,	6)		•	, Aerial Imagery ((C9)
	tion Visible on Aerial	Imagery (B7)		k Surface (2 000 (0.	_		Aquitard (D3)		(00)
	Stained Leaves (B9)	imagery (Dr)		plain in Re	,		=		eutral Test (D5		
vvaler-	Stairied Leaves (D9)		Other (E)	cpiaiii iii i\ei	iliaiks)		_		eutiai Test (Da	·)	
Field Obser	vations:										
Surface Wat			lo X Depth (inc	· -		_					
Water Table	Present?	/es N	No X Depth (inc	hes):		_					
Saturation P	resent?	/es N	lo X Depth (inc	hes):		Wetla	and Hydrolo	gy Preser	nt? Yes_	NoX	
	pillary fringe)										
Describe Rec	corded Data (stream	gauge, monito	oring well, aerial ph	notos, previo	ous inspe	ctions), if a	available:				
Remarks:											

Project/Site: Southwest Village Specific Plan Project		City/County	/: San Dieg	0	Sai	mpling Date	: 5/26/2	23
Applicant/Owner: Tri Point Homes				State:	CA Sar	mpling Poin	t: <u>206-U</u>	IPL
Investigator(s): Andrew Smisek		Section, T	ownship, R	ange: Section 31,	T18S R01\	N		
Landform (hillslope, terrace, etc.): mesa		Local relie	ef (concave,	convex, none): none	ne	Slo	pe (%):	0
Subregion (LRR): C	Lat:	32.55044		_Long: <u>-117.0178</u> 4	4	Datu	ım: <u>NAD</u>	83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI class	sification: r	none		
Are climatic / hydrologic conditions on the site typical for	or this time of	fyear? Yes _	x No	(If no, exp	olain in Rer	narks.)		
Are Vegetation, Soil, or Hydrology	signif	icantly disturbe	d? ,	Are "Normal Circum	stances" p	resent? Yes	s <u>x</u>	No
Are Vegetation, Soil, or Hydrology	natur	ally problemation	?	(If needed, explain a	any answer	s in Remark	ĸs.)	
SUMMARY OF FINDINGS – Attach site map s	howing sa	mpling point	locations	s, transects, imp	ortant fea	atures, etc	>.	
Hydrophytic Vegetation Present? Yes	No x							
Hydric Soil Present? Yes	No x		e Sampled . n a Wetland	Y	es	No	X	
Wetland Hydrology Present? Yes	No x		ii a vveliaiii	u:				
Remarks: Paired sample point for feature #206. VEGETATION – Use scientific names of plant	ts.							
Tree Streeture (Plot size)	Absolute	Dominant	Indicator	Dominance Test	workshee	et:		
Tree Stratum (Plot size:) 1.	% Cover	Species?	Status	Number of Domir That Are OBL, FA			1	(4)
2.				Total Number of I		··C		(A)
2	=			Species Across A			2	(B)
4.	=			Percent of Domin	ant Specie	s		(D)
		= Total Cover		That Are OBL, FA	ACW, or FA	۱C:	50	(A/B)
Sapling/Shrub Stratum (Plot size:								
1.				Prevalence Inde	x workshe	et:		
2				Total % Cove	er of:	Multi	iply by:	_
3				OBL species	0	_ x 1 =	0	_
4				FACW species	0	x 2 =	0	_
5.				FAC species	44	_ x 3 =	132	
		= Total Cover		FACU species	6	_ x 4 =	24	_
Herb Stratum (Plot size:)				UPL species	50	_ x 5 =	250	
1. Festuca perennis	40		FAC	Column Totals:	100	_ (A)	406	(B)
Avena sp Bromus diandrus	<u>50</u> 5		UPL	Prevalenc	ce Index = E	B/A = 4.06		
	- - 3 - 4		FACU	Usalrambutia Va	natation In	diantara.		
Hordeum sp. Deinandra paniculata	- 		FACU	Hydrophytic Veg	-			
			FACO	Prevalence				
7.				Morphologi	ical Adapta			
8.		= Total Cove	er .			rtic Vegetati		,
Woody Vine Stratum (Plot size:) 1				¹ Indicators of hy be present, unle				must
2	=			•		- p. 32.01		
		= Total Cover		Hydrophytic Vegetation				
% Bare Ground in Herb Stratum % C	over of Biotic	Crust		Present?	Yes	N	√o x	
Remarks: The sample area does not support a predoi	minance of h	ydrophytic vege	etation.	İ				
	•							

SOIL Sampling Point: 206-UPL

Profile Desc Depth	ription: (Describe Matrix			ent the inc dox Featu		confirm t	the absence	of indicators	.)	
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	_ Textur	'e	Remarks	
<u> </u>			poloi (molot)		Турс	<u> </u>			Remarko	
0-18	10YR 4/2	100					clay loam			
	-						_			
							_			
	ncentration, D=Deplet					S. ²			=Root Channel, M=Matrix.	
Hydric Soil	Indicators: (Appli	icable to all LRR	s, unless other	wise note	d.)		Indicato	ors for Probler	matic Hydric Soils ³ :	
Histoso	l (A1)		Sandy F	Redox (S5)			1 cn	n Muck (A9) (L	.RR C)	
Histic E	pipedon (A2)		Stripped	l Matrix (Se	6)		2 cn	n Muck (A10) (LRR B)	
Black H	listic (A3)			Mucky Min	. ,		Red	luced Vertic (F	18)	
Hydrog	en Sulfide (A4)		Loamy	Gleyed Ma	trix (F2)		Red	l Parent Materi	al (TF2)	
Stratifie	d Layers (A5) (LRR	C)	Deplete	d Matrix (F	3)		Othe	er (Explain in F	Remarks)	
1 cm M	uck (A9) (LRR D)		Redox [Dark Surfac	ce (F6)					
	d Below Dark Surfa	ace (A11)		d Dark Sur						
	ark Surface (A12)			Depression	s (F8)				tic vegetation and	
	Mucky Mineral (S1)		Vernal F	Pools (F9)					must be present,	
Sandy 0	Gleyed Matrix (S4)						unles	ss disturbed or	problematic.	
Restrictive	Layer (if present):									
Type:										
Depth (inc	hes):						Hydric Soil	Present?	Yes No >	x
							,			
Remarks: N	lo hydric soil indicat	lors observed.								
HYDROLO										
	ydrology Indicator						<u> </u>		licators (2 or more req	uired)
Primary Ind	icators (minimum o	f one required; ch	eck all that appl	y)				Water Mark	s (B1) (Riverine)	
Surface	Water (A1)		Salt Crus	t (B11)			_	Sediment D	Deposits (B2) (Riverine)	1
High W	ater Table (A2)		Biotic Cru	ust (B12)				Drift Depos	its (B3) (Riverine)	
Saturat	ion (A3)		Aquatic I	nvertebrate	es (B13)		_	Drainage P	atterns (B10)	
Water N	Marks (B1) (Nonriv	erine)	Hydrogei	n Sulfide O	dor (C1)		_		n Water Table (C2)	
	ent Deposits (B2) (N			Rhizosphe		Livina Ro	ots (C3)		Surface (C7)	
	posits (B3) (Nonri v			of Reduce	_	_	_	Crayfish Bu	, ,	
	Soil Cracks (B6)	(G.II.IG)		on Reduct			-6)		Visible on Aerial Imager	v (Ca)
		I Imagany (B7)				u 00113 (01	_		<u> </u>	y (OS)
	tion Visible on Aeria			k Surface			_	Shallow Aq		
vvater-s	Stained Leaves (B9)	Other (E)	cplain in Re	emarks)			FAC-Neutra	ai lest (D5)	
Field Obser	vations:									
Surface Wat	ter Present?	Yes No	Depth (inc	hes):						
Water Table	Present?	Yes No	Depth (inc	hes):						
Saturation P	resent?	Yes No	Depth (inc	hes):		Wetla	and Hydrolo	gy Present?	Yes No	x
(includes ca	pillary fringe)						-		 <u></u>	
Describe Rec	orded Data (stream	n gauge, monitorir	ng well, aerial ph	notos, prev	ious inspe	ctions), if a	available:			
Remarks: No	wetland hydrology	indicators observ	/ed.							

Project/Site: Southwest Village Specific Plan Project		City/Cour	ity: San Dieg	0	_Sampling Date:	August 17, 2023
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point	: 207-UPL
Investigator(s): Andrew Smisek		Section,	Township, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): Mesa		Local re	lief (concave,	, convex, none): slightly c	onvex Slop	pe (%): 2
Subregion (LRR): C	Lat:	32.54995		Long: -117.01824	Datu	m: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9 % slopes				NWI classificati	on: none	
Are climatic / hydrologic conditions on the site typical for	or this time of	fyear? Yes	X No	o (If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrology _	signif	icantly disturb	ed?	Are "Normal Circumstance	es" present? Yes	s X No
Are Vegetation Soil or Hydrology				(If needed, explain any an	swers in Remark	s.)
				a transcata impartar	t factures etc	
SUMMARY OF FINDINGS – Attach site map s	nowing sa	inpling pol	nt locations	s, transects, importar	it reatures, etc	•
Hydrophytic Vegetation Present? Yes	No X	1- 4	011	A		
Hydric Soil Present? Yes	No X		ne Sampled nin a Wetlan	Yes	NoX	<u> </u>
Wetland Hydrology Present? Yes	No X		iiii a vvetiaii	u:		
Remarks: Upland sample point paired to feature #207	7 wetland po	int. This same	oled area is n	ot a wetland.		
VEGETATION – Use scientific names of plant						
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work		
1. none	70 OOVCI	Орсоюз:	Otatus	Number of Dominant S That Are OBL, FACW,		1 (A)
2				Total Number of Domin	·	(/ //
3.				Species Across All Stra		3 (B)
4.				Percent of Dominant Sp		
		= Total Cove	er	That Are OBL, FACW,	or FAC:	33% (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index wor	ksheet:	
2				Total % Cover of:		ply by:
3				OBL species	x 1 =	
4				FACW species		
5				FAC species		
		= Total Cove	er	FACU species		
Herb Stratum (Plot size:)				UPL species		
1. Deinandra fasciculata	8	N	FACU	Column Totals:	(A)	(B)
2. Bromus rubens	25	Y	UPL	Prevalence Inde	ex = B/A =	
3. Bromus hordeaceus	5	N	FACU			
4. Lamarckia aurea	<1	N	FACU	Hydrophytic Vegetation		
5. Centaurea melitensis	1	N	UPL	Dominance Test		
6. Amsinkia menziesii	<1	N	UPL	Prevalence Index		
7. Festuca perennis	20	Y	FAC	Morphological Addata in Rema	daptations (Provi rks or on a separa	
8. <u>Erodium botrys</u>	15	Y Total Car	FACU		•	,
Woody Vine Stratum (Plot size:)	74	= Total Cov	/ei	Problematic Hyd	rophytic Vegetation	on' (Explain)
				¹ Indicators of hydric so	oil and watland by	drology must
1. none				be present, unless dis	turbed or problem	natic.
2		- Total Cov			· · · · · · · · · · · · · · · · · · ·	
		= Total Cove	2 I	Hydrophytic Vegetation		
% Bare Ground in Herb Stratum 26 % Co	over of Biotic	Crust			es N	o X
Remarks:						

SOIL Sampling Point: 207-UPL

Depth	Matrix			Redox Fe		. ^			_		
(inches)	Color (moist)	%	Color (mois	t) %	Type ¹	Loc ²	Texture		Ren	narks	
0-4	7.5YR 3/3	100					sandy clay loam	no red	OX		
4-18	7.5YR 3/3	100					clay	no red	ox		
				·			•				
	-							<u> </u>			
	oncentration, D=Depletion		-			s. ² l	ocation: PL=Po				X.
-	il Indicators: (Applica	ble to all							ematic Hyd	ric Soils ³ :	
Histoso	` '			ndy Redox (ipped Matrix	•			Muck (A9) (
	Epipedon (A2) Histic (A3)			amy Mucky I	` '			Muck (A10) ced Vertic (I			
	gen Sulfide (A4)			amy Gleyed				arent Mate	,		
·	ed Layers (A5) (LRR 0	;)		pleted Matrix	, ,			(Explain in	, ,		
	luck (A9) (LRR D)	,		dox Dark Su				` '	,		
Deplete	ed Below Dark Surface	e (A11)	De	pleted Dark	Surface (F7)						
	Dark Surface (A12)			dox Depress	. ,				ytic vegetat		
	Mucky Mineral (S1)		Ve	rnal Pools (F	9)				must be pr		
Sandy	Gleyed Matrix (S4)						unless	disturbed o	or problemat	ic.	
	Layer (if present):										
Type:									.,		.,
							Hydric Soil P	resent?	Yes	No_	<u> </u>
Type:							Hydric Soil P	resent?	Yes	No_	X
Type:	ches):						Hydric Soil P	resent?	Yes	No _	<u>X</u>
Type:	ches): GY lydrology Indicators:						,	condary In	dicators (2	or more r	
Type:	ches): GY lydrology Indicators: dicators (minimum of c		d; check all that	apply)			,	condary In _Water Ma	dicators (2	or more r	equired
Type:	GY lydrology Indicators: dicators (minimum of cee Water (A1)		Salt	Crust (B11)			,	condary In Water Ma Sediment	dicators (2 rks (B1) (Ri Deposits (B	or more r verine) 2) (Riverir	equirec
Type:	GY lydrology Indicators: dicators (minimum of context) e Water (A1) lydrology Indicators		Salt Biot	Crust (B11) ic Crust (B12	•		,	condary In Water Ma Sediment Drift Depo	dicators (2 rks (B1) (Ri Deposits (B sits (B3) (R	or more r verine) 2) (Riverir verine)	equirec
Type:	IGY Iydrology Indicators: dicators (minimum of context) Water (A1) Vater Table (A2) tion (A3)	ne require	Salt	Crust (B11) ic Crust (B12 atic Inverteb	rates (B13)		,	condary In Water Ma Sediment Drift Depo Drainage	dicators (2 rks (B1) (Ri Deposits (B sits (B3) (R Patterns (B	or more r verine) 2) (Riverine) (verine)	equirec
Type:	ches): GY ydrology Indicators: dicators (minimum of context) e Water (A1) vater Table (A2) tion (A3) Marks (B1) (Nonriver	ne require	Salt Biot Aqu Hyd	Crust (B11) ic Crust (B12 atic Inverteb rogen Sulfid	rates (B13) e Odor (C1)		<u>Se</u>	condary In Water Ma Sediment Drift Depo Drainage Dry-Seaso	dicators (2 rks (B1) (Ri Deposits (B sits (B3) (R Patterns (B on Water Ta	or more r verine) 2) (Riverine) (verine) (0) ble (C2)	equirec
Type:	ches): GY Sydrology Indicators: dicators (minimum of context) Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No	ine require	Salt Biot Aqu Oxid	Crust (B11) ic Crust (B12 atic Inverteb rogen Sulfid dized Rhizos	rates (B13) e Odor (C1) pheres along	•	<u>Se</u>	condary In Water Ma Sediment Drift Depo Drainage Dry-Seaso Thin Muck	dicators (2 rks (B1) (Ri Deposits (B sits (B3) (R Patterns (B' on Water Ta	or more r verine) 2) (Riverine) (verine) 10) ble (C2) 7)	equirec
Type:	ches): GY Addicators (minimum of complete (Maximum) Auter Table (Maximum) Marks (B1) (Nonriver) ent Deposits (B2) (Nonriver) eposits (B3) (Nonriver)	ine require	Salt Biot Aqu Oxid Pres	Crust (B11) ic Crust (B12) atic Inverteb rogen Sulfiddized Rhizos sence of Rec	rates (B13) e Odor (C1) pheres along	4)	Se	condary In Water Ma Sediment Drift Depo Drainage Dry-Seaso Thin Muck Crayfish E	dicators (2 rks (B1) (Ri Deposits (B sits (B3) (R Patterns (B' on Water Ta s Surface (C surrows (C8	or more r verine) 2) (Riverine) (verine) 0) ble (C2) 7)	equirec
Type:	ches): GY Indicators: Idicators (minimum of control	ine require ine) nriverine) rine)	Salt Biot Aqu Hyd Oxid	Crust (B11) ic Crust (B12 atic Inverteb rogen Sulfid dized Rhizos sence of Recent Iron Red	rates (B13) e Odor (C1) pheres along duced Iron (C4) luction in Tille	4)	Se	condary In Water Ma Sediment Drift Depo Drainage Dry-Seaso Thin Muck Crayfish E	rks (B1) (Ri Deposits (B sits (B3) (R Patterns (B on Water Ta s Surface (C surrows (C8	or more r verine) 2) (Riverine) (verine) 10) ble (C2) 7)	equired
Type:	ches): GY Indicators: Idicators (minimum of one of the water (A1) If you have the control of the water (A2) If you have the control of the water (A2) If you have the water (B2) (Nonriver the posits (B3) (Nonriver the Soil Cracks (B6) If you have the water (B3) (Nonriver the Soil Cracks (B6) It you have the water (B3) (Nonriver the Soil Cracks (B6))	ine require ine) nriverine) rine)	SaltBiotAquHydOxidPresRec 7)Thir	Crust (B11) ic Crust (B12) atic Inverteb rogen Sulfidized Rhizos sence of Recent Iron Red	rates (B13) e Odor (C1) pheres along duced Iron (C4) luction in Tille ce (C7)	4)	Se	condary In Water Ma Sediment Drift Depo Drainage Dry-Seaso Thin Muck Crayfish E Saturation Shallow A	dicators (2 rks (B1) (Ri Deposits (B sits (B3) (R Patterns (B on Water Ta s Surface (C Burrows (C8 v Visible on a quitard (D3)	or more r verine) 2) (Riverine) (0) ble (C2) 7) Aerial Imag	equired
Type:	ches): GY Address Indicators: Addicators (minimum of one water (A1) Address (B1) (Nonriver ent Deposits (B2) (Nonriver es Soil Cracks (B6) Addition Visible on Aerial I Stained Leaves (B9)	ine require ine) nriverine) rine)	SaltBiotAquHydOxidPresRec 7)Thir	Crust (B11) ic Crust (B12 atic Inverteb rogen Sulfid dized Rhizos sence of Recent Iron Red	rates (B13) e Odor (C1) pheres along duced Iron (C4) luction in Tille ce (C7)	4)	Se	condary In Water Ma Sediment Drift Depo Drainage Dry-Seaso Thin Muck Crayfish E Saturation Shallow A	rks (B1) (Ri Deposits (B sits (B3) (R Patterns (B on Water Ta s Surface (C surrows (C8	or more r verine) 2) (Riverine) (0) ble (C2) 7) Aerial Imag	equired
Type:	ches): GY Address Indicators: dicators (minimum of control of the Water (A1) Address (B1) (Nonriver (B2) (Nonriver (B3) (N	ine) nriverine) rine) magery (B	SaltBiotAquHydOxidPresRec 7)ThirOth	Crust (B11) ic Crust (B12) atic Inverteb rogen Sulfidized Rhizos sence of Recent Iron Red Muck Surfaer (Explain ir	rates (B13) e Odor (C1) pheres along duced Iron (Coluction in Tille ace (C7) n Remarks)	4)	Se	condary In Water Ma Sediment Drift Depo Drainage Dry-Seaso Thin Muck Crayfish E Saturation Shallow A	dicators (2 rks (B1) (Ri Deposits (B sits (B3) (R Patterns (B on Water Ta s Surface (C Burrows (C8 v Visible on a quitard (D3)	or more r verine) 2) (Riverine) (0) ble (C2) 7) Aerial Imag	equirec
Type:	ches): GY Vydrology Indicators: dicators (minimum of control e Water (A1) Vater Table (A2) tion (A3) Marks (B1) (Nonriver ent Deposits (B2) (None eposits (B3) (Nonriver e Soil Cracks (B6) tion Visible on Aerial I Stained Leaves (B9) rvations: tter Present?	ine) nriverine) rine) magery (B	SaltBiotAquHydOxidPresRec 7)ThirOthe	Crust (B11) ic Crust (B12) atic Inverteb rogen Sulfidized Rhizos sence of Recent Iron Red Muck Surfaer (Explain in (inches):	rates (B13) e Odor (C1) pheres along duced Iron (Coluction in Tille ice (C7) in Remarks)	4)	Se	condary In Water Ma Sediment Drift Depo Drainage Dry-Seaso Thin Muck Crayfish E Saturation Shallow A	dicators (2 rks (B1) (Ri Deposits (B sits (B3) (R Patterns (B on Water Ta s Surface (C Burrows (C8 v Visible on a quitard (D3)	or more r verine) 2) (Riverine) (0) ble (C2) 7) Aerial Imag	equirec
Type: Depth (incomplete Remarks: IYDROLO Wetland H Primary Incomplete Surface	ches): GY Independent of the property of the	ine) nriverine) magery (B	Salt Salt Sict	Crust (B11) ic Crust (B12) atic Inverteb rogen Sulfiddized Rhizos sence of Recent Iron Red Muck Surfaer (Explain in (inches):	rates (B13) e Odor (C1) pheres along duced Iron (C- luction in Tille ice (C7) in Remarks)	4) d Soils (C6	ots (C3)	condary In Water Ma Sediment Drift Depo Drainage Dry-Seaso Thin Muck Crayfish E Saturation Shallow A FAC-Neut	dicators (2 rks (B1) (Ri Deposits (B sits (B3) (R Patterns (B on Water Ta s Surface (C Burrows (C8 o Visible on a quitard (D3) ral Test (D5	or more r verine) 2) (Riverine) 10) ble (C2) 7) Aerial Imag	equired ne) gery (C9
Type: Depth (incomplete Depth (incomplete	ches): GY Independent of the property of the	ine) nriverine) rine) magery (B	Salt	Crust (B11) ic Crust (B12) atic Inverteb rogen Sulfiddized Rhizos sence of Recent Iron Red Muck Surfaer (Explain in (inches):	rates (B13) e Odor (C1) pheres along duced Iron (C- luction in Tille ice (C7) in Remarks)	4) d Soils (C6	Se	condary In Water Ma Sediment Drift Depo Drainage Dry-Seaso Thin Muck Crayfish E Saturation Shallow A FAC-Neut	dicators (2 rks (B1) (Ri Deposits (B sits (B3) (R Patterns (B on Water Ta s Surface (C Burrows (C8 o Visible on a quitard (D3) ral Test (D5	or more r verine) 2) (Riverine) (0) ble (C2) 7) Aerial Imag	equired ne) gery (C9
Type: Depth (incomplete Depth (incomplete Depth (incomplete Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care)	ches): GY Independent of the property of the	ine) nriverine) magery (B eseseseses	Salt	Crust (B11) ic Crust (B12) atic Inverteb rogen Sulfid dized Rhizos sence of Rec ent Iron Red i Muck Surfa er (Explain ir in (inches): in (inches):	rates (B13) e Odor (C1) pheres along duced Iron (C- luction in Tille ce (C7) n Remarks)	4) d Soils (C6	ots (C3)	condary In Water Ma Sediment Drift Depo Drainage Dry-Seaso Thin Muck Crayfish E Saturation Shallow A FAC-Neut	dicators (2 rks (B1) (Ri Deposits (B sits (B3) (R Patterns (B on Water Ta s Surface (C Burrows (C8 o Visible on a quitard (D3) ral Test (D5	or more r verine) 2) (Riverine) 10) ble (C2) 7) Aerial Imag	equired ne)
Type:	ches): GY Indexidual department of the control of	ine) nriverine) magery (B eseseseses	Salt	Crust (B11) ic Crust (B12) atic Inverteb rogen Sulfid dized Rhizos sence of Rec ent Iron Red i Muck Surfa er (Explain ir in (inches): in (inches):	rates (B13) e Odor (C1) pheres along duced Iron (C- luction in Tille ce (C7) n Remarks)	4) d Soils (C6	ots (C3)	condary In Water Ma Sediment Drift Depo Drainage Dry-Seaso Thin Muck Crayfish E Saturation Shallow A FAC-Neut	dicators (2 rks (B1) (Ri Deposits (B sits (B3) (R Patterns (B on Water Ta s Surface (C Burrows (C8 o Visible on a quitard (D3) ral Test (D5	or more r verine) 2) (Riverine) 10) ble (C2) 7) Aerial Imag	equired ne)
Type: Depth (incomplete Depth (incomplete Depth (incomplete Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care) Depth (includes care)	ches): GY Indexidual department of the control of	ine) nriverine) magery (B eseseseses	Salt	Crust (B11) ic Crust (B12) atic Inverteb rogen Sulfid dized Rhizos sence of Rec ent Iron Red i Muck Surfa er (Explain ir in (inches): in (inches):	rates (B13) e Odor (C1) pheres along duced Iron (C- luction in Tille ce (C7) n Remarks)	4) d Soils (C6	ots (C3)	condary In Water Ma Sediment Drift Depo Drainage Dry-Seaso Thin Muck Crayfish E Saturation Shallow A FAC-Neut	dicators (2 rks (B1) (Ri Deposits (B sits (B3) (R Patterns (B on Water Ta s Surface (C Burrows (C8 o Visible on a quitard (D3) ral Test (D5	or more r verine) 2) (Riverine) 10) ble (C2) 7) Aerial Imag	equired ne)

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	_Sampling Date:	August 17, 2023
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point:	208-UPL
Investigator(s): Andrew Smisek		Section,	Township, R	Range: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local re	lief (concave	, convex, none): none	Slor	oe (%): 0
Subregion (LRR): C	Lat:	32.54987		Long: -117.01732	Datui	m: <u>NAD83</u>
Soil Map Unit Name: Huerhuero loam, 2-9 % slopes				NWI classificati	on: none	
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	o(If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signif	icantly disturb	ed?	Are "Normal Circumstanc	es" present? Yes	X No
Are Vegetation, Soil, or Hydrology	natura	ally problema	tic?	(If needed, explain any ar	swers in Remark	s.)
SUMMARY OF FINDINGS – Attach site map sl	nowing sa	mpling poi	nt location	s, transects, importar	nt features, etc	
Hydrophytic Vegetation Present? Yes	No X			_		
Hydric Soil Present? Yes	No X		ne Sampled nin a Wetlan	Yes	No X	
Wetland Hydrology Present? Yes	No X	WILI	iiii a vvetiaii	u:		
VEGETATION – Use scientific names of plants						
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work		
1. none	70 OOVCI	Орсскоз	Otatus	Number of Dominant S That Are OBL, FACW,	pecies or FAC:	1 (A)
2				Total Number of Domir Species Across All Stra	nant	, , ,
4.		= Total Cove	er	Percent of Dominant S That Are OBL, FACW,	pecies	2 (B) 50 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index wor		. h . h
2.				Total % Cover of:		oly by:
3.				OBL species FACW species	x 1 =	
5.				FAC species	x 2 = x 3 =	
J		= Total Cove	ar ar	FACU species	x 4 =	
Herb Stratum (Plot size:)		= 10tai 00V	J1	UPL species	x 5 =	
1. Avena sp.	48	Υ	UPL	Column Totals:	(A)	(B)
2. Hordeum marinum	3	N	FAC	Dravalance Indi		
3. Festuca perennis	49	Υ	FAC	Prevalence inde	ex = B/A =	
4.				Hydrophytic Vegetation	on Indicators:	
5.				Dominance Test	is >50%	
6				Prevalence Index	x is ≤3.0¹	
7. 8.					daptations¹ (Provients) rks or on a separa	11 0
Woody Vine Stratum (Plot size:)	100	= Total Cov	/er	Problematic Hyd	rophytic Vegetation	on¹ (Explain)
· — · · · · · · · · · · · · · · · · · ·				¹ Indicators of hydric so	oil and wetland by	drology must
1. <u>none</u> 2.				be present, unless dis		
		= Total Cove	er	Hydrophytic Vegetation		
	over of Biotic	Crust			/es No	oX
Remarks:						

SOIL Sampling Point: 208-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ıres		_				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks		
0-4	10YR 3/3	100		-	·		clay loam	A lot of ro	ots and bioma	ass	
4-18	10YR 4/2	100					clay	no redox			
								_			
				-							
			_	-							
					-						
¹ Type: C=C	oncentration, D=Depletic	n, RM=Reduce	d Matrix, CS=Covered	or Coated	Sand Grain	s. ²	Location: PL=Pore	E Lining, RC=R	Root Channel, M	=Matrix.	
Hydric So	il Indicators: (Applic	able to all LF	RRs, unless other	wise note	ed.)		Indicators	for Problem	atic Hydric S	oils³:	
Histose	ol (A1)		Sandy R	edox (S5))		1 cm M	uck (A9) (LR	R C)		
	Epipedon (A2)			Matrix (S	,			uck (A10) (L			
	Histic (A3)			/lucky Min				d Vertic (F18			
	gen Sulfide (A4)	0 \		Sleyed Ma				rent Material			
	ed Layers (A5) (LRR fluck (A9) (LRR D)	C)		d Matrix (F Oark Surfa	,		Other (i	Explain in Re	emarks)		
	ed Below Dark Surface	ce (A11)		d Dark Su	` ,						
	Dark Surface (A12)	, ,		epression			³ Indicators of	of hydrophytic	c vegetation a	nd	
	Mucky Mineral (S1)			ools (F9)	,				ust be presen		
Sandy	Gleyed Matrix (S4)						unless c	listurbed or p	roblematic.		
Restrictive	Layer (if present):										
Type:											
Depth (in	ches):		_				Hydric Soil Pre	sent? Y	'es	No X	(
Remarks:	<u> </u>										
HADBOLO	NCV										
HYDROLC							Saa				
	lydrology Indicators		ahaak all that anni	٨			· · · · · · · · · · · · · · · · · · ·		cators (2 or m		<u>uirea)</u>
	dicators (minimum of	one requirea;							(B1) (Riverin		
	ce Water (A1)		Salt Crus	. ,					posits (B2) (R		
	Vater Table (A2) ation (A3)		Biotic Cru Aquatic Ir		oo (D12)			Driit Deposits Drainage Pat	s (B3) (Riveri i	1 e)	
	Marks (B1) (Nonrive	rino)	Hydroger		` ,			•	Water Table (20)	
					, ,	Living Bo				<i>5</i> 2)	
	ent Deposits (B2) (No eposits (B3) (Nonrive			•	eres along ed Iron (C	-	· · —	Thin Muck Sı Crayfish Burı	, ,		
	e Soil Cracks (B6)	:::::E)			tion in Tille	,		•	sible on Aeria	Imagen	v (Ca)
	ation Visible on Aerial	Imagery (R7)	Thin Muc			u oons (ot		Shallow Aqui		illiagery	, (C3)
	-Stained Leaves (B9)	,	Other (Ex		, ,			FAC-Neutral			
	,			piairriirr	omano,			710 110414	1001 (20)		
Field Obse			la V Baath (fact								
			lo X Depth (incl			—					
Water Table Saturation			lo X Depth (incl				and Usednologis	Dracanto	Voc	No.	V
	Present? apillary fringe)	Yes N	lo X Depth (incl	nes):		wetia	nd Hydrology	Present?	Yes	No	<u>X</u>
,	corded Data (stream	gauge, monito	oring well, aerial ph	otos, prev	ious inspe	ctions), if a	available:				
	(2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	33 ,	3 - , ,	, ,		-,,					
Remarks:											

Project/Site: Southwest Village Specific Plan Project		City/County	r: San Dieg	0	Sampling Date:	August 17,2023
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point	: 210/196-UPL
Investigator(s): _Andrew Smisek		Section, T	ownship, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local relie	f (concave,	convex, none): none	Slo	pe (%): <u>1</u>
Subregion (LRR): C	Lat: 3	32.55309		Long: -117.02286	Datu	m: <u>NAD83</u>
Soil Map Unit Name: Huerhuero loam, 2-9 % slopes				NWI classificat	ion: none	
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes _	X No	o(If no, explain i	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	cantly disturbe	d?	Are "Normal Circumstand	es" present? Yes	X No
Are Vegetation, Soil, or Hydrology	natura	ally problemation	?	(If needed, explain any ar	nswers in Remark	s.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling point	locations	s, transects, importa	nt features, etc	: .
Hydrophytic Vegetation Present? Yes	No X					
Hydric Soil Present? Yes	No X		Sampled . n a Wetland	Yes	No X	(
Wetland Hydrology Present? Yes	No X	WILLIII	i a vveliaii	u r		
Remarks: Upland sample point paired to feature #210		nt. This sample	ed area is n	ot a wetland.		
VEGETATION – Use scientific names of plants		.		· ·		
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worl		
1. none				Number of Dominant S That Are OBL, FACW,		1 (A)
2.				Total Number of Domir		, , ,
3.			_	Species Across All Stra	ata:	2 (B)
4.				Percent of Dominant S		- (Λ/D)
		= Total Cover		That Are OBL, FACW,	or FAC:	50% (A/B)
Sapling/Shrub Stratum (Plot size:)						
Simmondisia chinensis	10	N	UPL	Prevalence Index wor		
2. Adolphia californica	3	N	UPL	Total % Cover of:		ply by:
3				OBL species		
4				FACW species		
5				FAC species		
Harb Chrotum (Diet eine	13	= Total Cover		FACU species		
Herb Stratum (Plot size:)	50	Y	UPL	UPL species Column Totals:	X S =	(B)
Avena sp. Deinandra fasciculata			FACU	Column Totals.	(A)	(D)
3. Bromus rubens	15		UPL	Prevalence Ind	ex = B/A =	
4. Festuca perennis	20		FAC	Hydrophytic Vegetati	on Indicators:	
-			17.0	Dominance Test		
6				Prevalence Inde		
7.				Morphological A	daptations¹ (Provi	11 0
Woody Vine Stratum (Plot size:	85	= Total Cove	r		lrophytic Vegetation	,
				¹ Indicators of hydric s	oil and wattend be	drology must
1. none				be present, unless dis		
2		= Total Cover			•	
% Bare Ground in Herb Stratum 2 % Co	ver of Biotic			Hydrophytic Vegetation Present?	∕es N	o X
Remarks:						

SOIL Sampling Point: 210/196-UPL

Profile Desc Depth	ription: (Describe to	the depth ne		ent the inc		confirm t	he absence of ir	ndicators.)
(inches)	Matrix Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-8	10YR 3/3	100	Color (moist)		Турс	200	silty clay	no redox
8-16	10YR 3/3	100					clay	no redox
								·
1						2		
	ncentration, D=Depletion					s. ⁴ l		Lining, RC=Root Channel, M=Matrix.
-	Indicators: (Applic	able to all LKK						or Problematic Hydric Soils ³ :
Histosol	pipedon (A2)			Redox (S5) I Matrix (S6				ck (A9) (LRR C) ck (A10) (LRR B)
	istic (A3)			Mucky Min	,			Vertic (F18)
	en Sulfide (A4)			Gleyed Ma	, ,			ent Material (TF2)
	d Layers (A5) (LRR (C)		d Matrix (F				kplain in Remarks)
1 cm M	uck (A9) (LRR D)	•	Redox [Dark Surfac	e (F6)			,
Deplete	d Below Dark Surfac	e (A11)	Deplete	d Dark Sur	face (F7)			
Thick D	ark Surface (A12)			Depression	s (F8)		³ Indicators of	hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal F	Pools (F9)				ydrology must be present,
Sandy (Gleyed Matrix (S4)						unless dis	sturbed or problematic.
Restrictive	Layer (if present):							
Type:			-					
Depth (inc	hes):		-				Hydric Soil Pres	ent? Yes No X
Remarks:								
HYDROLOG	ЭΥ							
Wetland Hy	drology Indicators						Seco	ndary Indicators (2 or more required)
Primary Ind	cators (minimum of	one required; ch	neck all that appl	y)			w	/ater Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)			Se	ediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ıst (B12)				rift Deposits (B3) (Riverine)
Saturati	on (A3)		Aquatic I	nvertebrate	es (B13)			rainage Patterns (B10)
Water N	Marks (B1) (Nonriver	ine)	Hydrogei	n Sulfide O	dor (C1)			ry-Season Water Table (C2)
Sedime	nt Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Roo	ots (C3) Th	nin Muck Surface (C7)
Drift De	posits (B3) (Nonrive	rine)	Presence	of Reduce	ed Iron (C	4)	C	rayfish Burrows (C8)
Surface	Soil Cracks (B6)		Recent Ir	on Reduct	ion in Tille	d Soils (Ce	6)S	aturation Visible on Aerial Imagery (C9)
Inundat	ion Visible on Aerial	magery (B7)	Thin Muc	k Surface	(C7)		SI	hallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Ex	cplain in Re	emarks)		F	AC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		es No	X Depth (inc	hes):				
Water Table			X Depth (inc			_		
Saturation P			X Depth (inc			— Wetla	nd Hydrology P	resent? Yes No X
(includes cap						_		
Describe Rec	orded Data (stream	gauge, monitori	ng well, aerial ph	notos, prev	ious inspe	ctions), if a	available:	
Remarks:								

Project/Site: Southwest Village Speci	ific Plan Project		City/Coun	nty: San Dieg	JO	Sampling Date	e: <u>4/27/23</u>
Applicant/Owner: Tri Point Homes					State: CA	Sampling Poin	nt: <u>211-UPL</u>
Investigator(s): Andrew Smisek			Section,	Township, F	Range: Section 31, T185	3 R01W	
Landform (hillslope, terrace, etc.): me	:sa		Local re	lief (concave	, convex, none): none	Slo	ope (%): 0
Subregion (LRR): <u>C</u>		Lat:	32.55915		Long: <u>-117.01879</u>	Date	um: NAD83
Soil Map Unit Name: Huerhuero loar					NWI classifica	ition: none	
Are climatic / hydrologic conditions or	n the site typical f	or this time o	f year? Yes	X N	o(If no, explain	in Remarks.)	
Are Vegetation, Soil	, or Hydrology	signif	icantly disturb	ed?	Are "Normal Circumstan	ces" present? Ye	s X No_
Are Vegetation, Soil	, or Hydrology	natur	ally problema	tic?	(If needed, explain any a	answers in Remar	ks.)
SUMMARY OF FINDINGS – Atta	ach site man s	showing sa	mnling noi	nt location	s transects importa	ant features et	r
SOMMAN OF THE MOST AND	aon site map s	snowing sa		in location	s, transcots, importa	in reatures, et	<u>. </u>
Hydrophytic Vegetation Present?	Yes		le ti	ne Sampled	Δrea		
Hydric Soil Present?	Yes			nin a Wetlan	YAS	No	X
Wetland Hydrology Present?	Yes	NoX	_				
Remarks: Paired sample point for fe	eature #211.						
VEGETATION – Use scientific r	names of plan						
<u>Tree Stratum</u> (Plot size:	,	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test wor		
1.	/	70 OOVCI	Орсоюз:	Otatus	Number of Dominant : That Are OBL, FACW		0 (A)
2.			· 		Total Number of Dom		(/,/
3.		- -	· 		Species Across All Str		2 (B)
4.		- -	· 		Percent of Dominant S	•	. ,
			= Total Cove	er	That Are OBL, FACW	, or FAC:	(A/E
Sapling/Shrub Stratum (Plot size:))					
1					Prevalence Index wo	orksheet:	
2					Total % Cover of:	Mult	tiply by:
3					OBL species		
4			. 		FACW species		
5		_			FAC species		
			= Total Cove	er	FACU species		
Herb Stratum (Plot size:)				UPL species		
1. Bromus hordeaceus		50	<u> </u>	FACU	Column Totals:	(A)	(B)
2. Glebionis coronaria		15	<u> </u>	UPL	Prevalence Inc	dex = B/A =	
3. Lysimachia arvensis		5	N	FAC			
4. Erodium botrys		5	N	FACU	Hydrophytic Vegetat		
5.					Dominance Tes		
6		<u> </u>			Prevalence Inde		
7		-				Adaptations¹ (Pro\ arks or on a sepa	
8			= Total Cov	/Or		·	,
Woody Vine Stratum (Plot size:	,	. ————	= Total Cov	/EI	Problematic Hy	drophytic Vegetat	.ion· (Expiain)
	<i>'</i>	•			¹ Indicators of hydric s	soil and wetland h	nydrology must
2.			· 		be present, unless di		
			= Total Cove	er	Hydrophytic	-	
			- 1 Jiai OUVE	J.	Hydrophytic Vegetation		
% Bare Ground in Herb Stratum	% C	over of Biotic	Crust			Yes	NoX
Remarks: The sample area does not	support a predo	minance of h	ydrophytic ve	getation.	1		
•	•		•				

SOIL Sampling Point: 211-UPL

(inches)	Matrix		Red	dox Features			
(IIICIICS)	Color (moist)	% (Color (moist)	% Type	e ¹ Loc ²	Texture	Remarks
0-18	10YR 3/2	100				sandy loam	
			_				
						_	
		-	-		· ·	-	
1			 			2	
	ncentration, D=Depletion				Grains.		re Lining, RC=Root Channel, M=Matrix.
Hydric Soil	I Indicators: (Application	able to all LRR					for Problematic Hydric Soils ³ :
Histoso	, ,			edox (S5)			Muck (A9) (LRR C)
	pipedon (A2)			Matrix (S6)			fluck (A10) (LRR B)
	listic (A3)			1ucky Mineral (F			ed Vertic (F18)
Hydroge	en Sulfide (A4)		Loamy G	Gleyed Matrix (F	2)	Red Pa	arent Material (TF2)
Stratifie	d Layers (A5) (LRR (C)		l Matrix (F3)		Other ((Explain in Remarks)
1 cm M	uck (A9) (LRR D)			ark Surface (F6	,		
	ed Below Dark Surfac	e (A11)		l Dark Surface (
Thick D	ark Surface (A12)			epressions (F8)	1	³ Indicators	of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal P	ools (F9)			I hydrology must be present,
Sandy (Gleyed Matrix (S4)					unless	disturbed or problematic.
Restrictive	Layer (if present):						
Type:	, , , ,						
Depth (inc	hac):					Hydric Soil Pro	esent? Yes No x
	· ·					,	
YDROLO	GY						
	GY ydrology Indicators:	:				Sec	condary Indicators (2 or more require
Wetland Hy			eck all that apply	·)			condary Indicators (2 or more require Water Marks (B1) (Riverine)
Wetland Hy Primary Ind	ydrology Indicators: licators (minimum of c			•			Water Marks (B1) (Riverine)
Wetland Hy Primary Ind Surface	ydrology Indicators: licators (minimum of c e Water (A1)		Salt Crust	(B11)			Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Wetland Hy Primary Ind Surface High W	ydrology Indicators: icators (minimum of o water (A1) ater Table (A2)		Salt Crust Biotic Crust	(B11) st (B12)	3)		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Wetland Hy Primary Ind Surface High W Saturat	ydrology Indicators: icators (minimum of o water (A1) ater Table (A2) ion (A3)	one required; ch	Salt Crust Biotic Crust Aquatic In	(B11) st (B12) vertebrates (B1			Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Wetland Hy Primary Ind Surface High W Saturat Water N	ydrology Indicators: iicators (minimum of de Water (A1) fater Table (A2) ion (A3) Marks (B1) (Nonriver	one required; ch	Salt Crust Biotic Crust Aquatic In Hydrogen	(B11) st (B12) vertebrates (B1 Sulfide Odor (C	21)	<u></u>	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
Wetland Hy Primary Ind Surface High W Saturat Water M Sedime	ydrology Indicators: icators (minimum of ce Water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No	one required; ch rine) nriverine)	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized I	(B11) st (B12) vertebrates (B1 Sulfide Odor (C Rhizospheres al	(1) long Living R	200ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Wetland Hy Primary Ind Surface High W Saturat Water M Sedime Drift De	ydrology Indicators: icators (minimum of ce water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No	one required; ch rine) nriverine)	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized I	(B11) st (B12) vertebrates (B1 Sulfide Odor (C Rhizospheres al of Reduced Iror	c1) long Living R n (C4)	coots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Primary Ind Surface High W Saturat Water N Sedime Drift De Surface	ydrology Indicators: icators (minimum of ce Water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriverent Deposits (B2) (Norriverent Caposits (B3) (Nonriverent Caposits (B3) (Nonriverent Caposits (B6)	one required; ch rine) nriverine) rine)	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized I Presence Recent Iro	(B11) st (B12) vertebrates (B1 Sulfide Odor (C Rhizospheres al of Reduced Iron on Reduction in	c1) long Living R n (C4)	200ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C
Primary Ind Surface High W Saturat Water N Sedime Drift De Surface	ydrology Indicators: icators (minimum of ce water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No	one required; ch rine) nriverine) rine)	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized I Presence Recent Iro	(B11) st (B12) vertebrates (B1 Sulfide Odor (C Rhizospheres al of Reduced Iror	c1) long Living R n (C4)	200ts (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Wetland Hy Primary Ind Surface High W Saturat Water N Sedime Drift De Surface Inundat	ydrology Indicators: icators (minimum of ce Water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriverent Deposits (B2) (Norriverent Caposits (B3) (Nonriverent Caposits (B3) (Nonriverent Caposits (B6)	one required; ch rine) nriverine) rine)	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized Is Presence Recent Iro	(B11) st (B12) vertebrates (B1 Sulfide Odor (C Rhizospheres al of Reduced Iron on Reduction in	c1) long Living R n (C4) Tilled Soils (Coots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C
Wetland Hy Primary Ind Surface High W Saturat Water M Sedime Drift De Surface Inundat Water-S	ydrology Indicators: icators (minimum of ce water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) tion Visible on Aerial I Stained Leaves (B9)	one required; ch rine) nriverine) rine)	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc	(B11) st (B12) vertebrates (B1 Sulfide Odor (C Rhizospheres al of Reduced Iror on Reduction in c Surface (C7)	c1) long Living R n (C4) Tilled Soils (Coots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3)
Primary Ind Surface High W Saturat Water N Sedime Drift De Surface Inundat Water-S	ydrology Indicators: icators (minimum of ce Water (A1) Vater Table (A2) ion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) tion Visible on Aerial I Stained Leaves (B9) Evations:	rine) nriverine) rine) Imagery (B7)	Salt Crust Biotic Cru: Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex	(B11) st (B12) vertebrates (B1 Sulfide Odor (C Rhizospheres al of Reduced Iron on Reduction in a Surface (C7) plain in Remark	c1) long Living R n (C4) Tilled Soils (Coots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3)
Primary Ind Surface High W Saturat Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat	ydrology Indicators: icators (minimum of ce Water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriverent Deposits (B2) (No reposits (B3) (Nonriverent Cacks (B6)) ition Visible on Aerial Instance Leaves (B9) ivations: iter Present?	rine) rine) rine) rine) rine) Imagery (B7)	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized F Presence Recent Irc Thin Muck Other (Exp	(B11) st (B12) vertebrates (B1 Sulfide Odor (C Rhizospheres al of Reduced Iror on Reduction in a Surface (C7) plain in Remark	c1) long Living R n (C4) Tilled Soils (Coots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3)
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Primary Ind Surface High W Saturat Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P	ydrology Indicators: icators (minimum of ce Water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriverent Deposits (B2) (Norriverent Deposits (B3) (Nonriverent Deposits (B6) (Nonrivere	rine) rine) rine) rine) rine) Imagery (B7)	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Exp	(B11) st (B12) vertebrates (B1 Sulfide Odor (C Rhizospheres al of Reduced Iror on Reduction in a Surface (C7) plain in Remark nes):	c1) long Living R n (C4) Tilled Soils (Coots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)
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Primary Ind Surface High W Saturat Water M Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Surface Water Surface Water Table Saturation P (includes ca	ydrology Indicators: icators (minimum of ce Water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) ition Visible on Aerial I Stained Leaves (B9) rvations: ter Present? Present? Y Present? Y Present? Y Present? Y Present? Y	rine) nriverine) rine) Imagery (B7) /es No /es No /es No	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized Is Presence Recent Irc Thin Muck Other (Exp Depth (inch Depth (inch	(B11) st (B12) vertebrates (B1 Sulfide Odor (C Rhizospheres al of Reduced Iror on Reduction in a Surface (C7) plain in Remark nes): nes):	c1) long Living R n (C4) Tilled Soils (0	coots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)
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Wetland Hy Primary Ind Surface High W Saturat Water M Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Rec	ydrology Indicators: ydrology	rine) rine) rine) rine) rine) Imagery (B7) /es No /es No /es No /gauge, monitorin	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized Is Presence Recent Iro Thin Muck Other (Ex Depth (inch Depth (inch	(B11) st (B12) vertebrates (B1 Sulfide Odor (C Rhizospheres al of Reduced Iror on Reduction in a Surface (C7) plain in Remark nes): nes):	c1) long Living R n (C4) Tilled Soils (0	coots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hy Primary Ind Surface High W Saturat Water M Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Rec	ydrology Indicators: ydrology	rine) rine) rine) rine) rine) Imagery (B7) /es No /es No /es No /gauge, monitorin	Salt Crust Biotic Crust Aquatic In Hydrogen Oxidized Is Presence Recent Iro Thin Muck Other (Ex Depth (inch Depth (inch	(B11) st (B12) vertebrates (B1 Sulfide Odor (C Rhizospheres al of Reduced Iror on Reduction in a Surface (C7) plain in Remark nes): nes):	c1) long Living R n (C4) Tilled Soils (0	coots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C Shallow Aquitard (D3) FAC-Neutral Test (D5)
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Project/Site: Southwest Village Specific Plan Project		City/County	: San Diego	o, CA	_Sampling Date	: August 8, 2023
Applicant/Owner: Tri Pointe Homes				State: CA	_Sampling Point	t: 212-UPL
Investigator(s): Andrew Smisek, Danelle Gadia		Section, T	ownship, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): Slump Mesa		Local relie	f (concave,	convex, none): Convex	Slo	pe (%): 3
Subregion (LRR): C	Lat: 3	32.55906		Long: -117.01814	Datu	ım: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 30-50 %	slopes			NWI classification	on: None	_
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	(If no, explain ir	Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	cantly disturbed	d? /	Are "Normal Circumstance	es" present? Yes	s X No
Are Vegetation , Soil , or Hydrology				If needed, explain any an	swers in Remark	(s.)
SUMMARY OF FINDINGS – Attach site map sh				s, transects, importan	nt features, etc).
Hydrophytic Vegetation Present? Yes	No X	lo 4h o	Camandad	A		
Hydric Soil Present? Yes	No X		Sampled A	Yes	No>	<u> </u>
Wetland Hydrology Present? Yes	No X	_	i a wedan	4 :		
Remarks: Upland sample point paired to feature #212 VEGETATION – Use scientific names of plants						
	Absolute	Dominant	Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant S	pecies	
1. <u>none</u> 2.				That Are OBL, FACW,		0 (A)
2				Total Number of Domin Species Across All Stra		2 (P)
4.			-	Percent of Dominant Sp		2 (B)
		= Total Cover		That Are OBL, FACW,	or FAC:	0 (A/B)
Sapling/Shrub Stratum (Plot size:)		. otal ooro.				
Artemisia californica	60	Υ	UPL	Prevalence Index wor	ksheet:	
2. Rhus integifolia	10	N	UPL	Total % Cover of:	Multi	iply by:
3. Simmondsia chinensis	7	N	UPL	OBL species	x 1 =	
4. Eriogonum fasciculatum	<1	N	UPL	FACW species		
5. Baccharis sarothroides	1	N	FACU	FAC species		
	78	= Total Cover		FACU species		
Herb Stratum (Plot size:)				UPL species		
1. Festuca myuros	15		FACU	Column Totals:	(A)	(B)
2. Bromus rubens	<1	N	UPL	Prevalence Inde	ex = B/A =	
3						
4				Hydrophytic Vegetation		
5. 6.				Dominance Test		
7.				Prevalence Index Morphological Ac	daptations¹ (Prov	11 0
8		Total Occur			rks or on a separ	,
Woody Vine Stratum (Plot size:	15	= Total Cove	ı	Problematic Hydi	ropnytic Vegetati	on¹ (Explain)
1 none				¹ Indicators of hydric so	nil and wetland h	vdrology must
2.				be present, unless dist		
		= Total Cover		Hydrophytic		
% Bare Ground in Herb Stratum 5 % Co	ver of Biotic	Crust 1	5	Vegetation Present?	es N	lo X
Remarks:						
1						

SOIL Sampling Point: 212-UPL

(inches)	Color (moist)	<u>%</u>	Color (moist)	%	Type ¹	Loc ²	Texture	<u> </u>	Remar	NO
10 10	0YR 3/3	100					· -	no redox	K	
				_						
				-						
							·			
¹ Type: C=Concer	ntration, D=Depletion	n, RM=Reduce	d Matrix, CS=Cove	red or Coated	d Sand Grain	s. ² l	ocation: PL=	Pore Lining, RC=	Root Channel,	M=Matrix.
Hydric Soil Ind	dicators: (Applic	able to all LF	RRs, unless oth	erwise note	ed.)		Indicato	ors for Problen	natic Hydric	Soils ³ :
Histosol (A				Redox (S5	,			n Muck (A9) (Ll		
Histic Epipe				ed Matrix (S	,			n Muck (A10) (I	,	
Black Histic	` '			y Mucky Mir	. ,			uced Vertic (F1	,	
	Sulfide (A4) ayers (A5) (LRR	C)		y Gleyed Matrix (. ,			l Parent Materia er (Explain in R	` ,	
	(A9) (LRR D)	C)		k Dark Surfa	•			ei (Expiaiii iii K	emarks)	
	Below Dark Surfa	ce (A11)		ted Dark Su	` ,					
	Surface (A12)	,		k Depressio			³ Indicato	ors of hydrophyt	tic vegetation	and
Sandy Muc	cky Mineral (S1)		Verna	l Pools (F9)			wetla	and hydrology n	nust be prese	ent,
Sandy Gley	yed Matrix (S4)						unles	ss disturbed or	problematic.	
Restrictive Lav	yer (if present):									
Туре:										
Type:	s):		_				Hydric Soil	Present?	Yes	No_X
Type: Depth (inches Remarks:							Hydric Soil	Present?	Yes	No X
Type: Depth (inches Remarks:	,		_				•			
Type: Depth (inches Remarks: IYDROLOGY Wetland Hydro	, ology Indicators		check all that an	oply)			•	Secondary Ind	icators (2 or	more requir
Type: Depth (inches Remarks: HYDROLOGY Wetland Hydro	ology Indicators tors (minimum of						•	Secondary Ind	<u>icators (2 or</u> s (B1) (Rive r	more requir
Type:	ology Indicators tors (minimum of Vater (A1)		Salt Cr	ust (B11)			•	Secondary Ind Water Mark: Sediment D	icators (2 or s (B1) (River eposits (B2)	more requir ine) (Riverine)
Type:	ology Indicators tors (minimum of dater (A1) or Table (A2)		Salt Cr Biotic C	ust (B11) Crust (B12)	tes (B13)		•	Secondary Ind Water Mark: Sediment D Drift Deposi	icators (2 or s (B1) (River eposits (B2) ts (B3) (Rive	more requir ine) (Riverine)
Type: Depth (inches Remarks: HYDROLOGY Wetland Hydro Primary Indicat Surface World Wate High Wate Saturation	cology Indicators tors (minimum of dater (A1) or Table (A2) (A3)	one required;	Salt Cr Biotic C Aquatio	ust (B11) Crust (B12) c Invertebra			•	Secondary Ind Water Mark: Sediment D Drift Deposi Drainage Pa	icators (2 or s (B1) (River eposits (B2) ts (B3) (Rive atterns (B10)	more requir ine) (Riverine) rine)
Type: Depth (inches Remarks: HYDROLOGY Wetland Hydro Primary Indicat Surface W. High Wate Saturation Water Mari	rology Indicators tors (minimum of tater (A1) er Table (A2) (A3) rks (B1) (Nonrive	one required;	Salt Cr Biotic C Aquatio	ust (B11) Crust (B12) c Invertebrat gen Sulfide (Odor (C1)		<u>§</u>	Secondary Indi Water Market Sediment D Drift Deposit Drainage Pa	icators (2 or s (B1) (River eposits (B2) ts (B3) (Rive atterns (B10)	more requir ine) (Riverine) rine)
Type: Depth (inches Remarks: HYDROLOGY Wetland Hydro Primary Indicat Surface Women Saturation Water Mari Sediment I	ology Indicators tors (minimum of /ater (A1) er Table (A2) (A3) rks (B1) (Nonrive	one required; rine) onriverine)	Salt Cr Biotic C Aquatic Hydrog Oxidize	ust (B11) Crust (B12) c Invertebra gen Sulfide (ed Rhizosph	Odor (C1) eres along	Living Roo	<u>§</u>	Secondary Ind Water Mark: Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S	icators (2 or s (B1) (River eposits (B2) ts (B3) (River atterns (B10) i Water Table Surface (C7)	more requir ine) (Riverine) rine)
Type: Depth (inches Remarks: HYDROLOGY Wetland Hydro Primary Indicat Surface W. High Wate Saturation Water Mari Sediment I Drift Depos	rology Indicators tors (minimum of tater (A1) er Table (A2) (A3) rks (B1) (Nonrive	one required; rine) onriverine)	Salt Cr Biotic C Aquatic Hydrog Oxidize	ust (B11) Crust (B12) c Invertebrat gen Sulfide (Odor (C1) eres along ced Iron (C4	Living Roc		Secondary Ind Water Mark: Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bu	icators (2 or s (B1) (River eposits (B2) ts (B3) (River atterns (B10) i Water Table Surface (C7) rrows (C8)	more requir ine) (Riverine) rine)
Type: Depth (inches Remarks: HYDROLOGY Wetland Hydro Primary Indicat Surface W. High Wate Saturation Water Mari Sediment I Drift Depos	ology Indicators tors (minimum of 'ater (A1) er Table (A2) (A3) rks (B1) (Nonrive Deposits (B2) (Nosits (B3) (Nonrive	one required; rine) pnriverine) erine)	Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent	ust (B11) Crust (B12) c Invertebra gen Sulfide (ed Rhizosph ce of Reduc	Odor (C1) teres along ced Iron (C4 ction in Tille	Living Roc		Secondary Ind Water Mark: Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bu	icators (2 or s (B1) (River eposits (B2) ts (B3) (River atterns (B10) water Tables Surface (C7) rrows (C8)	more requir ine) (Riverine) rine)
Type: Depth (inches Remarks: HYDROLOGY Wetland Hydro Primary Indicat Surface William Wate Saturation Water Mari Sediment I Drift Depos Surface So Inundation	rology Indicators tors (minimum of rater (A1) er Table (A2) (A3) rks (B1) (Nonrive Deposits (B2) (No	rine) priverine) erine) Imagery (B7)	Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M	ust (B11) Crust (B12) c Invertebration gen Sulfide (ed Rhizosphace of Reduct t Iron Reduct	Odor (C1) heres along ced Iron (C ² ction in Tilled (C7)	Living Roc		Secondary Ind Water Mark: Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bui	icators (2 or s (B1) (River eposits (B2) ts (B3) (River atterns (B10) water Tables Surface (C7) rrows (C8) /isible on Aer uitard (D3)	more requir ine) (Riverine) rine)
Type: Depth (inches Remarks: HYDROLOGY Wetland Hydro Primary Indicat Surface William Wate Saturation Water Mari Sediment I Drift Depos Surface So Inundation	rology Indicators tors (minimum of rater (A1) er Table (A2) (A3) rks (B1) (Nonrive Deposits (B2) (Nosits (B3) (Nonrive oil Cracks (B6) I Visible on Aerial ined Leaves (B9)	rine) priverine) erine) Imagery (B7)	Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M	ust (B11) Crust (B12) c Invertebrar gen Sulfide (ed Rhizosph ace of Reduct t Iron Reduct uck Surface	Odor (C1) heres along ced Iron (C ² ction in Tilled (C7)	Living Roc		Secondary Ind Water Mark: Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bui Saturation V	icators (2 or s (B1) (River eposits (B2) ts (B3) (River atterns (B10) water Tables Surface (C7) rrows (C8) /isible on Aer uitard (D3)	more requir ine) (Riverine) rine)
Type: Depth (inches Remarks: IYDROLOGY Wetland Hydro Primary Indicat Surface W. High Wate Saturation Water Mari Sediment I Drift Depos Surface So Inundation Water-Stai	rology Indicators tors (minimum of rater (A1) er Table (A2) (A3) rks (B1) (Nonrive Deposits (B2) (No sits (B3) (Nonrive oil Cracks (B6) a Visible on Aerial ined Leaves (B9)	one required; rine) onriverine) erine) Imagery (B7)	Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M	ust (B11) Crust (B12) c Invertebrar gen Sulfide (ed Rhizosph ace of Reduct I Iron Reduct uck Surface Explain in R	Odor (C1) heres along ced Iron (C4 tion in Tilled (C7)	Living Roc		Secondary Ind Water Mark: Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bui Saturation V	icators (2 or s (B1) (River eposits (B2) ts (B3) (River atterns (B10) water Tables Surface (C7) rrows (C8) /isible on Aer uitard (D3)	more requir ine) (Riverine) rine)
Type: Depth (inches Remarks: Remarks: Remarks: RYDROLOGY Wetland Hydro Primary Indicat Surface Water Mari Sediment I Drift Depos Surface So Inundation Water-Stai Field Observat Surface Water I	rology Indicators tors (minimum of rater (A1) er Table (A2) (A3) rks (B1) (Nonrive Deposits (B2) (No sits (B3) (Nonrive oil Cracks (B6) a Visible on Aerial ined Leaves (B9) tions: Present?	rine) priverine) erine) Imagery (B7)	Salt Cr Biotic C Aquatio Hydrog Oxidize Presen Recent Thin M Other (ust (B11) Crust (B12) c Invertebrar gen Sulfide (ed Rhizosph ice of Reduct t Iron Reduct uck Surface Explain in R	Odor (C1) heres along ced Iron (C4 tion in Tilled (C7)	Living Roc		Secondary Ind Water Mark: Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bui Saturation V	icators (2 or s (B1) (River eposits (B2) ts (B3) (River atterns (B10) water Tables Surface (C7) rrows (C8) /isible on Aer uitard (D3)	more requir ine) (Riverine) rine)
Type: Depth (inches Remarks: IYDROLOGY Wetland Hydro Primary Indicat Surface Water Mari Sediment I Drift Depos Surface So Inundation Water-Stai Field Observat Surface Water I Water Table Pre	rology Indicators tors (minimum of ater (A1) er Table (A2) (A3) eks (B1) (Nonrive Deposits (B2) (No sits (B3) (Nonrive bil Cracks (B6) a Visible on Aerial ined Leaves (B9) tions: Present?	rine) priverine) lmagery (B7) Yes N	Salt Cr Biotic C Aquatio Hydrog Oxidize Presen Recent Thin M Other (ust (B11) Crust (B12) c Invertebrar gen Sulfide (ed Rhizosph ace of Reduct t Iron Reduct uck Surface Explain in Reduct anches):	Odor (C1) heres along ced Iron (C4 tion in Tilled (C7)	Living Roo 1) d Soils (C6	ots (C3)	Secondary Ind Water Mark: Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bui Saturation V	icators (2 or s (B1) (River eposits (B2) ts (B3) (River atterns (B10) water Tables Surface (C7) rrows (C8) /isible on Aer uitard (D3)	more requirine) (Riverine) rine) (C2)
Type: Depth (inches Remarks: HYDROLOGY Wetland Hydro Primary Indicat Surface Water Mari Sediment I Drift Depos Surface So Inundation Water-Stai Field Observat Surface Water I Water Table Pre Saturation Pres (includes capilla	rology Indicators tors (minimum of fater (A1) er Table (A2) (A3) rks (B1) (Nonrive Deposits (B2) (No sits (B3) (Nonrive oil Cracks (B6) a Visible on Aerial ined Leaves (B9) tions: Present? esent? esent? eary fringe)	rine) priverine) lmagery (B7) Yes N Yes N	Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M Other (No X Depth (in No X Depth (in	ust (B11) Crust (B12) c Invertebrar gen Sulfide (ed Rhizosph ace of Reduct t Iron Reduct uck Surface Explain in R anches):nches):	Odor (C1) heres along ced Iron (C ² tion in Tiller (C7) Remarks)	Living Roo 1) d Soils (C6	ots (C3)	Secondary Ind Water Mark: Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bui Saturation V Shallow Aqu FAC-Neutra	icators (2 or s (B1) (River eposits (B2) ts (B3) (River atterns (B10) i Water Table Surface (C7) rrows (C8) /isible on Aer uitard (D3) al Test (D5)	more requirine) (Riverine) rine) (C2)
Type: Depth (inches Remarks: HYDROLOGY Wetland Hydro Primary Indicat Surface Water Mari Sediment I Drift Depos Surface So Inundation Water-Stai Field Observat Surface Water I Water Table Pre Saturation Pres (includes capilla	rology Indicators tors (minimum of fater (A1) er Table (A2) (A3) rks (B1) (Nonrive Deposits (B2) (No sits (B3) (Nonrive oil Cracks (B6) a Visible on Aerial ined Leaves (B9) tions: Present? esent?	rine) priverine) lmagery (B7) Yes N Yes N	Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M Other (No X Depth (in No X Depth (in	ust (B11) Crust (B12) c Invertebrar gen Sulfide (ed Rhizosph ace of Reduct t Iron Reduct uck Surface Explain in R anches):nches):	Odor (C1) heres along ced Iron (C ² tion in Tiller (C7) Remarks)	Living Roo 1) d Soils (C6	ots (C3)	Secondary Ind Water Mark: Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bui Saturation V Shallow Aqu FAC-Neutra	icators (2 or s (B1) (River eposits (B2) ts (B3) (River atterns (B10) i Water Table Surface (C7) rrows (C8) /isible on Aer uitard (D3) al Test (D5)	more requirine) (Riverine) rine) (C2)
Type: Depth (inches Remarks: HYDROLOGY Wetland Hydro Primary Indicat Surface Water Mari Sediment I Drift Depos Surface So Inundation Water-Stai Field Observat Surface Water I Water Table Pre Saturation Pres (includes capilla	rology Indicators tors (minimum of fater (A1) er Table (A2) (A3) rks (B1) (Nonrive Deposits (B2) (No sits (B3) (Nonrive oil Cracks (B6) a Visible on Aerial ined Leaves (B9) tions: Present? esent? esent? eary fringe)	rine) priverine) lmagery (B7) Yes N Yes N	Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M Other (No X Depth (in No X Depth (in	ust (B11) Crust (B12) c Invertebrar gen Sulfide (ed Rhizosph ace of Reduct t Iron Reduct uck Surface Explain in R anches):nches):	Odor (C1) heres along ced Iron (C ² tion in Tiller (C7) Remarks)	Living Roo 1) d Soils (C6	ots (C3)	Secondary Ind Water Mark: Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bui Saturation V Shallow Aqu FAC-Neutra	icators (2 or s (B1) (River eposits (B2) ts (B3) (River atterns (B10) i Water Table Surface (C7) rrows (C8) /isible on Aer uitard (D3) al Test (D5)	more requirine) (Riverine) rine) (C2)
Type: Depth (inches Remarks: HYDROLOGY Wetland Hydro Primary Indicat Surface Water Saturation Water Mari Sediment I Drift Depos Surface So Inundation Water-Stai Field Observat Surface Water I Water Table Pre Saturation Pres (includes capilla) Describe Record	rology Indicators tors (minimum of fater (A1) er Table (A2) (A3) rks (B1) (Nonrive Deposits (B2) (No sits (B3) (Nonrive oil Cracks (B6) a Visible on Aerial ined Leaves (B9) tions: Present? esent? esent? eary fringe)	rine) priverine) lmagery (B7) Yes N Yes N	Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M Other (No X Depth (in No X Depth (in	ust (B11) Crust (B12) c Invertebrar gen Sulfide (ed Rhizosph ace of Reduct t Iron Reduct uck Surface Explain in R anches):nches):	Odor (C1) heres along ced Iron (C ² tion in Tiller (C7) Remarks)	Living Roo 1) d Soils (C6	ots (C3)	Secondary Ind Water Mark: Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bui Saturation V Shallow Aqu FAC-Neutra	icators (2 or s (B1) (River eposits (B2) ts (B3) (River atterns (B10) i Water Table Surface (C7) rrows (C8) /isible on Aer uitard (D3) al Test (D5)	more requirine) (Riverine) rine) (C2)
Type: Depth (inches Remarks: HYDROLOGY Wetland Hydro Primary Indicat Surface Water Mari Sediment I Drift Depos Surface So Inundation Water-Stai Field Observat Surface Water I Water Table Pre Saturation Pres (includes capilla	rology Indicators tors (minimum of fater (A1) er Table (A2) (A3) rks (B1) (Nonrive Deposits (B2) (No sits (B3) (Nonrive oil Cracks (B6) a Visible on Aerial ined Leaves (B9) tions: Present? esent? esent? eary fringe)	rine) priverine) lmagery (B7) Yes N Yes N	Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M Other (No X Depth (in No X Depth (in	ust (B11) Crust (B12) c Invertebrar gen Sulfide (ed Rhizosph ace of Reduct t Iron Reduct uck Surface Explain in R anches):nches):	Odor (C1) heres along ced Iron (C ² tion in Tiller (C7) Remarks)	Living Roo 1) d Soils (C6	ots (C3)	Secondary Ind Water Mark: Sediment D Drift Deposi Drainage Pa Dry-Season Thin Muck S Crayfish Bui Saturation V Shallow Aqu FAC-Neutra	icators (2 or s (B1) (River eposits (B2) ts (B3) (River atterns (B10) i Water Table Surface (C7) rrows (C8) /isible on Aer uitard (D3) al Test (D5)	more requirine) (Riverine) rine) (C2)

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	10	Sam	pling Date	6/27/23	3
Applicant/Owner: Tri Point Homes				State: 0	CA Sam	npling Poin	t: <u>224-U</u> [PL
Investigator(s): Andrew Smisek		Section,	Township, F	Range: Section 31,	Γ18S R01W	1		
Landform (hillslope, terrace, etc.): mesa		Local rel	ief (concave	, convex, none): nor	ne	Slo	pe (%):	0
Subregion (LRR): C	Lat:	32.55861		Long: <u>-117.01775</u>	;	Datu	ım: NAD8	33
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI class	sification: no	one		
Are climatic / hydrologic conditions on the site typical	for this time of	f year? Yes	xN	o(If no, exp	lain in Rem	arks.)		
Are Vegetation x, Soil x, or Hydrology	signif	icantly disturb	ed?	Are "Normal Circum	stances" pre	esent? Ye	s <u>x</u>	No
Are Vegetation, Soil, or Hydrology	natur	ally problemat	ic?	(If needed, explain a	ny answers	in Remark	ks.)	
SUMMARY OF FINDINGS – Attach site map	showing sa	mpling poir	nt location	s, transects, imp	ortant fea	tures, etc).	
Hydrophytic Vegetation Present? Yes	No x	1- 41	0 11	A				
Hydric Soil Present? Yes	No x		ne Sampled nin a Wetlan	Ye	es	No	x	
Wetland Hydrology Present? Yes	No x		iiii a vvetiaii	u:				
Remarks: Paired sample point for feature #224. VEGETATION – Use scientific names of plan	nts.							
Troc Stratum (Diet size)	Absolute	Dominant Species?	Indicator	Dominance Test	worksheet	i:		
<u>Tree Stratum</u> (Plot size:) 1.	% Cover	Species?	Status	Number of Domin That Are OBL, FA			0	(A)
2.				Total Number of D		J		(^)
3.				Species Across A			3	(B)
4.				Percent of Domin				
		= Total Cove	er	That Are OBL, FA	CW, or FA	C:	33.3%	(A/B)
Sapling/Shrub Stratum (Plot size:)							
Artemisia californica	15	Y	UPL	Prevalence Index		et:		
2				Total % Cove			iply by:	_
3				OBL species	0	x 1 =	0	
4.	-			FACW species	0 	x 2 =	0 15	_
5		Total Cause		FAC species FACU species	30	x 3 = x 4 =	120	_
Herb Stratum (Plot size:)	15	= Total Cove	ŧ	UPL species	30	x 5 =	150	_
1. Foeniculum vulgare	15	Υ	UPL	Column Totals:	65	(A)	285	(B)
2. Bromus hordeaceus	10	N	FACU					_` ′
3. Bromus diandrus	20	Υ	FACU	Prevalenc	e Index = B/	A = 4.4		_
4. Festuca perennis	5	N	FAC	Hydrophytic Veg	etation Ind	licators:		
5.				Dominance	Test is >50)%		
6.				Prevalence	Index is ≤3	.0¹		
7				Morphologi				
8				data in F	Remarks or	on a separ	ate shee	t)
	50	= Total Cov	rer	Problemation	Hydrophyt	ic Vegetati	on¹ (Expl	lain)
Woody Vine Stratum (Plot size:)							
1				¹ Indicators of hyd be present, unles				must
2				•	33 distarbed	or probler		
	65	= Total Cove	er	Hydrophytic Vegetation				
	Cover of Biotic			Present?	Yes		Nox	<u> </u>
Remarks: The sample area does not support a predo	minance of h	ydrophytic veg	getation.					

SOIL Sampling Point: 224-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix	•	Re	dox Featu	res			,
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-14	10YR 4/4	100					sandy loam	no redox
	-						<u> </u>	
								
	·							
¹ Type: C=Co	ncentration, D=Depletion	, RM=Reduced	Matrix, CS=Covere	d or Coated	Sand Grain	S. ²	Location: PL=Por	e Lining, RC=Root Channel, M=Matrix.
Hydric Soi	I Indicators: (Applica	able to all LRI	Rs, unless other	wise note	d.)		Indicators	for Problematic Hydric Soils ³ :
Histoso	ol (A1)		Sandy F	Redox (S5)			1 cm M	luck (A9) (LRR C)
Histic E	pipedon (A2)		Stripped	Matrix (S	6)		2 cm M	luck (A10) (LRR B)
Black F	listic (A3)		Loamy I	Mucky Min	eral (F1)		Reduce	ed Vertic (F18)
Hydrog	en Sulfide (A4)		Loamy (Gleyed Ma	trix (F2)		Red Pa	arent Material (TF2)
	ed Layers (A5) (LRR (3)		d Matrix (F	,		Other (Explain in Remarks)
	luck (A9) (LRR D)			Dark Surfac	` ,			
	ed Below Dark Surface	e (A11)		d Dark Sur			31 11 4	
	Park Surface (A12)			Depression	is (F8)			of hydrophytic vegetation and
	Mucky Mineral (S1) Gleyed Matrix (S4)		vernai F	Pools (F9)				hydrology must be present, disturbed or problematic.
							uniess	disturbed of problematic.
	Layer (if present):							
	novel refusal (cobble)		_					
Depth (inc	ches): <u>14</u>		<u> </u>				Hydric Soil Pre	esent? Yes No x
Remarks: N	No hydric soil indicator	s observed.					1	
	•							
HYDROLO								
	ydrology Indicators:							ondary Indicators (2 or more required)
Primary Inc	dicators (minimum of c	ne required; c						Water Marks (B1) (Riverine)
	e Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
High W	/ater Table (A2)		Biotic Cru	` ,				Drift Deposits (B3) (Riverine)
Satura	tion (A3)			nvertebrate				Drainage Patterns (B10)
Water	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)			Dry-Season Water Table (C2)
Sedime	ent Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	Thin Muck Surface (C7)
Drift De	eposits (B3) (Nonrive	rine)	Presence	of Reduc	ed Iron (C4	4)		Crayfish Burrows (C8)
Surface	e Soil Cracks (B6)		Recent Ir	on Reduct	ion in Tille	d Soils (Ce	6)	Saturation Visible on Aerial Imagery (C9)
Inunda	tion Visible on Aerial I	magery (B7)	Thin Muc	k Surface	(C7)			Shallow Aquitard (D3)
Water-	Stained Leaves (B9)		Other (Ex	cplain in Re	emarks)			FAC-Neutral Test (D5)
Field Obse	rvations:							
		es No	Depth (inc	hes):				
Water Table		es No				_		
Saturation F			Depth (inc			— Wetla	nd Hydrology	Present? YesNox
	pillary fringe)					_ 1101110		
•	corded Data (stream of	gauge, monitor	ring well, aerial ph	notos, prev	ious inspe	ctions), if a	available:	
			-					
Remarks: N	o wetland hydrology ir	idicators obse	rved.					

Project/Site: Southwest Village Specif	fic Plan Project		City/Coun	ity: San Dieg	0	Sampling Date	: August 17,2023
Applicant/Owner: Tri Point Homes					State: CA	Sampling Poin	t: <u>227-UPL</u>
Investigator(s): Andrew Smisek			Section,	Township, F	Range: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): $\underline{\text{Mes}}$	sa		Local rel	lief (concave	, convex, none): none	Slo	ppe (%): 0
Subregion (LRR): C		Lat:	32.55425		Long: -117.01433	Datu	ım: NAD83
Soil Map Unit Name: Huerhuero loan	n, 2-9 % slopes				NWI classificat	ion: none	
Are climatic / hydrologic conditions on	the site typical fo	or this time of	year? Yes	X N	o(If no, explain i	n Remarks.)	
Are Vegetation, Soil	<u>,</u> or Hydrology _	signif	icantly disturb	ed?	Are "Normal Circumstand	es" present? Ye	s X No
Are Vegetation, Soil	<u>,</u> or Hydrology _	natur	ally problemat	tic?	(If needed, explain any ar	nswers in Remark	s.)
SUMMARY OF FINDINGS – Atta	nch site map s	howing sa	mpling poi	nt location	s, transects, importa	nt features, etc	>.
Hydrophytic Vegetation Present?	Yes X	No		aa Camulad	A		
Hydric Soil Present?	Yes	No X		ne Sampled nin a Wetlan	Yes	No	<u> </u>
Wetland Hydrology Present?	Yes	No X	_	iii a rrollai.	. .		
VEGETATION – Use scientific n	ames of plant		Dominout	Indicator	Dominanaa Taat wad	kohooti	
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Number of Dominant S		
1. none					That Are OBL, FACW,		1 (A)
2					Total Number of Domin		
3					Species Across All Stra		(B)
4					Percent of Dominant S That Are OBL, FACW,	•	100% (A/B)
Capling/Chrush Ctratum /Dlat aiza	,		= Total Cove	er	, , , ,		, ,
Sapling/Shrub Stratum (Plot size:)				Prevalence Index wo	rkshoot:	
2					Total % Cover of:		iply by:
2					OBL species		
4.					FACW species		
5.					FAC species		
			= Total Cove	er	FACU species		
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Festuca perennis		90	Y	FAC	Column Totals:	(A)	(B)
2. Bromus rubens		3	N	UPL	Prevalence Ind	ex = B/A =	
3. Atriplex semibaccata		5	N	FAC			
4. Medicago polymorpha		1	N	FACU	Hydrophytic Vegetati	on Indicators:	
5. Hordeum marinum		1	N	FAC	X Dominance Test		
6.					Prevalence Inde		
7						daptations¹ (Prov arks or on a separ	
8		100	= Total Cov	/Or		·	,
Woody Vine Stratum (Plot size:)	100	= Total Cov	/CI	Problematic Hyd	iropnytic vegetati	on (Explain)
1. none					¹ Indicators of hydric s	oil and wetland h	vdrology must
2.					be present, unless dis		
			= Total Cove	er	Hydrophytic Vegetation		
% Bare Ground in Herb Stratum	% Co	over of Biotic	Crust		•	Yes X N	lo
Remarks: this upland area supports h	nydrophytic veget	ation			1		

SOIL Sampling Point: 227-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix	·	Re	dox Featu	ıres		_	·
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-1	10YR 3/2	100			· ·		sandy loam	no redox
1-2	10YR 4/6	100					sandy	multiple colored grains
2-18	10YR 3/2	100					sandy clay	
					· —— ·			-
		_			· —— ·			·
								<u> </u>
	_							
¹ Type: C=Co	oncentration, D=Deple	tion, RM=Reduce	d Matrix, CS=Covered	or Coated	Sand Grains	S. ²	Location: PL=Pore	Lining, RC=Root Channel, M=Matrix.
Hydric So	il Indicators: (App	icable to all LF	RRs, unless other	wise note	ed.)		Indicators for	or Problematic Hydric Soils ³ :
Histoso	` '			edox (S5)				ıck (A9) (LRR C)
	Epipedon (A2)			Matrix (S	,			ick (A10) (LRR B)
	Histic (A3)			Mucky Min				d Vertic (F18)
	gen Sulfide (A4) ed Layers (A5) (LRI	S C/		Bleyed Ma d Matrix (F	` ,			ent Material (TF2) xplain in Remarks)
	fluck (A9) (LRR D)	(0)		ark Surfa	,		Other (E	Apiair ir Remarks)
	ed Below Dark Surf	ace (A11)			rface (F7)			
Thick [Dark Surface (A12)			epression			³ Indicators o	f hydrophytic vegetation and
	Mucky Mineral (S1))	Vernal P	ools (F9)				nydrology must be present,
Sandy	Gleyed Matrix (S4)						unless di	sturbed or problematic.
Restrictive	Layer (if present)	•						
Type:								
Depth (in	ches):						Hydric Soil Pres	sent? Yes No X
Remarks:								
HYDROLO)GY							
Wetland H	lydrology Indicato	rs:					Seco	endary Indicators (2 or more required)
	dicators (minimum o		check all that apply	/)				Vater Marks (B1) (Riverine)
Surfac	e Water (A1)		Salt Crust	(B11)				Sediment Deposits (B2) (Riverine)
	Vater Table (A2)		Biotic Cru	, ,				Prift Deposits (B3) (Riverine)
	ition (A3)		Aquatic In	` ,	es (B13)			Prainage Patterns (B10)
Water	Marks (B1) (Nonriv	verine)	Hydrogen	Sulfide C	Odor (C1)			Ory-Season Water Table (C2)
Sedim	ent Deposits (B2) (I	Nonriverine)	Oxidized	Rhizosph	eres along	Living Ro	ots (C3) T	hin Muck Surface (C7)
Drift D	eposits (B3) (Nonri	verine)	Presence	of Reduc	ed Iron (C4	l)	<u> </u>	Crayfish Burrows (C8)
Surfac	e Soil Cracks (B6)		Recent Iro	on Reduc	tion in Tilled	d Soils (C	6) <u> </u>	Saturation Visible on Aerial Imagery (C9)
Inunda	ation Visible on Aeri	al Imagery (B7)	Thin Mucl	k Surface	(C7)		s	Shallow Aquitard (D3)
Water	-Stained Leaves (B9	9)	Other (Ex	plain in R	emarks)		F	AC-Neutral Test (D5)
Field Obse	ervations:							
	ater Present?	Yes N	lo X Depth (inch	nes):				
Water Table	e Present?		lo X Depth (inch			_		
Saturation I	Present?	Yes N	lo X Depth (inch	nes):		Wetla	and Hydrology F	Present? YesNo X
(includes ca	apillary fringe)							
Describe Re	corded Data (strear	n gauge, monito	oring well, aerial ph	otos, prev	vious inspe	ctions), if	available:	
Remarks:								
	rne of Engineers							Arid West - Version 2.0

US Army Corps of Engineers

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	JO .	Sampling Date: 5/8/23
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 228-UPL
Investigator(s): Andrew Smisek		Section,	Township, R	Range: Section 31, T18S R	01W
Landform (hillslope, terrace, etc.): mesa		Local re	lief (concave	, convex, none): none	Slope (%): 0
Subregion (LRR): C	Lat:	32.55428		Long: -117.01560	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classification	n: none
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	x No	o (If no, explain in F	Remarks.)
Are Vegetation, Soil, or Hydrology				Are "Normal Circumstances	
Are Vegetation , Soil , or Hydrology				(If needed, explain any ansv	
SUMMARY OF FINDINGS – Attach site map sl				e transacte important	foatures etc
Somman of Theblied - Attach site map si	lowing sa		in location	s, transects, important	leatures, etc.
	No	_ ls tl	he Sampled	Area	
Hydric Soil Present? Yes			nin a Wetlan	Yes	Nox
Wetland Hydrology Present? Yes	No x	_			
Remarks: Paired sample point for feature #228.					
VEGETATION III i iii					
VEGETATION – Use scientific names of plants	Absolute	Dominant	Indicator	Dominance Test works	heet:
Tree Stratum (Plot size:)		Species?	Status	Number of Dominant Spe	
1				That Are OBL, FACW, or	
2. 3.				Total Number of Dominar Species Across All Strata	
4.				Percent of Dominant Spe	ecies
		= Total Cove	er	That Are OBL, FACW, or	FAC: 100 (A/B)
Sapling/Shrub Stratum (Plot size:)					
1				Prevalence Index works	sheet:
2				Total % Cover of:	Multiply by:
3				OBL species	x 1 =
4				FACW species	
5				FAC species	
		= Total Cove	er	FACU species	x 4 =
Herb Stratum (Plot size:)				UPL species	x 5 =
1. Medicago polymorpha	15	N	FACU	Column Totals:	(A)(B)
2. Festuca perennis	70	Y	FAC	Prevalence Index	= B/A =
3. Hordeum marinum	15	N	FAC	Hydronbytic Vocatation	Indicatora
5.				Hydrophytic Vegetation	
6.				Dominance Test is	
7.				Prevalence Index in Morphological Ada	s ≤3.0 ptations¹ (Provide supporting
8.				data in Remark	s or on a separate sheet)
	100	= Total Cov	/er	Problematic Hydro	phytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)					
1				¹ Indicators of hydric soil be present, unless distu	and wetland hydrology must rbed or problematic.
	100	= Total Cove	er	Hydrophytic Vegetation	_
% Bare Ground in Herb Stratum % Co	ver of Biotic	Crust			sx No
Remarks: Sample area supports a predominance of hy	drophytic ve	egetation.		_1	

SOIL Sampling Point: 228-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		H	Redox Featu	res		_	
(inches)	Color (moist)	(Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-18	10YR 3/2	100					clay	no redox
								-
		·						
							_	
								-
								_
	ncentration, D=Depletion					S. ²		Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applic	able to all LRR	s, unless oth	erwise noted	d.)		Indicators for	or Problematic Hydric Soils ³ :
Histoso	l (A1)		Sandy	Redox (S5)			1 cm Mu	ıck (A9) (LRR C)
Histic E	pipedon (A2)		Strippe	ed Matrix (S6	6)		2 cm Mu	ıck (A10) (LRR B)
Black H	istic (A3)		Loamy	/ Mucky Mine	eral (F1)		Reduced	d Vertic (F18)
Hydrog	en Sulfide (A4)		Loamy	Gleyed Mat	rix (F2)		Red Par	ent Material (TF2)
Stratifie	d Layers (A5) (LRR (C)	Deplet	ted Matrix (F	3)		Other (E	xplain in Remarks)
1 cm M	uck (A9) (LRR D)		Redox	Dark Surfac	e (F6)			
Deplete	d Below Dark Surfac	e (A11)	Deplet	ted Dark Surf	face (F7)			
Thick D	ark Surface (A12)		Redox	Depression	s (F8)		3Indicators of	f hydrophytic vegetation and
Sandy I	Mucky Mineral (S1)		Verna	Pools (F9)			wetland h	nydrology must be present,
Sandy (Gleyed Matrix (S4)						unless di	sturbed or problematic.
Restrictive	Layer (if present):							
Type:	Layer (ii present).							
	L \						Library Oction	No.
Depth (inc	nes).						Hydric Soil Pres	sent? Yes No x
HYDROLO	GY							
Wetland Hy	drology Indicators	:					<u>Seco</u>	ondary Indicators (2 or more required)
Primary Ind	icators (minimum of	one required; ch	eck all that ap	ply)			v	Vater Marks (B1) (Riverine)
Surface	Water (A1)		Salt Cru	ust (B11)			S	Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic C	rust (B12)			D	Orift Deposits (B3) (Riverine)
Saturat	ion (A3)		Aquatio	Invertebrate	es (B13)		D	Prainage Patterns (B10)
Water N	Marks (B1) (Nonrive r	rine)	 Hvdroa	en Sulfide O	dor (C1)			Ory-Season Water Table (C2)
	ent Deposits (B2) (No			d Rhizosphe		Livina Ro		Thin Muck Surface (C7)
	posits (B3) (Nonrive			ce of Reduce	_	_		Crayfish Burrows (C8)
	Soil Cracks (B6)			Iron Reducti	,	,		Saturation Visible on Aerial Imagery (C9)
	ion Visible on Aerial	Imagany (B7)		uck Surface (u 00113 (01		Shallow Aquitard (D3)
		imagery (b7)			. ,			' ',
vvaler-	Stained Leaves (B9)		Other (Explain in Re	emarks)		г	FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat	er Present?	'es No	Depth (ir	nches):		_		
Water Table	Present?	'es No	Depth (ir	nches):				
Saturation P		'es No	Depth (ir	nches):		Wetla	and Hydrology F	Present? Yes No x
(includes ca	pillary fringe)	·						
Describe Red	orded Data (stream	gauge, monitorir	ng well, aerial	photos, previ	ous inspec	ctions), if	available:	
Remarks: No	wetland hydrology is	ndicators observ	ved.					

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	o Sampling Date: 5/8/23
Applicant/Owner: Tri Point Homes				State: CA Sampling Point: 235-UPL
Investigator(s): Andrew Smisek, JR Sundberg, Chris Th	nomson	Section,	Township, R	lange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa		Local re	lief (concave,	convex, none): none Slope (%): 1
Subregion (LRR): C	Lat: 3	32.55213		Long: -117.01479 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classification: none
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	x No	(If no, explain in Remarks.)
Are Vegetation , Soil , or Hydrology				Are "Normal Circumstances" present? Yes x No
Are Vegetation , Soil , or Hydrology				(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh				s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes x	No	1- 4	0 1 - 1	•
Hydric Soil Present? Yes	No x		he Sampled hin a Wetlan	YAS NO Y
Wetland Hydrology Present? Yes	No x		iiii a vvetiaii	u:
Remarks: Paired sample point for feature #235. VEGETATION – Use scientific names of plants	 S.			
Tree Stratum (Plot size:) 1	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2. 3.				Total Number of Dominant Species Across All Strata: 1 (B)
4. Sapling/Shrub Stratum (Plot size:)		= Total Cove	er	Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)
1. Artemisia californica	15		NI	Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3.				OBL species x 1 =
4.				FACW species x 2 =
5.				FAC species x 3 =
		= Total Cove	er	FACU species x 4 =
Herb Stratum (Plot size:)				UPL species x 5 =
Festuca perennis	80	<u> </u>	FAC	Column Totals: (A)(B)
2. Bromus diandrus	3	N	FACU	Prevalence Index = B/A =
3. Hordeum marinum	2	N	FACU	
4				Hydrophytic Vegetation Indicators:
5				x Dominance Test is >50%
6.				Prevalence Index is ≤3.0¹
7. 8.				Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
Woody Vine Stratum (Plot size:)		= Total Cov	/er	Problematic Hydrophytic Vegetation ¹ (Explain)
1 2.				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2.	85	= Total Cove	er	Hydrophytic Vegetation
	ver of Biotic			Present? Yes x No No
Remarks: The sample area supports a predominance of	of hydrophyti	ic vegetation.		

SOIL Sampling Point: 235-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

` 	Color (moist) 5YR 3/2	%	Colo	r (moist)	%	Type ¹	Loc ²	Taxt	ıre		Remarks	i
0-18 7.5	5YR 3/2						LUC	Textu				
		100						loamy cla	ay			
	_							-				
			•									
			-									
Type: C=Concent	tration, D=Depletion	n, RM=Redu	ced Matrix	, CS=Cove	red or Coate	ed Sand Grain	S. 2	Location: PL	=Pore Lining,	RC=Root C	Channel, M	=Matrix.
	icators: (Applica								tors for Prol			
Histosol (A1			•		Redox (S				m Muck (A9		-	
Histic Epipe	,		_		ed Matrix (,			m Muck (A1			
Black Histic			-		y Mucky M	,			educed Vertic		-)	
Hydrogen S			_		y Mucky M y Gleyed M				ed Parent Ma		2)	
		•1	-		ted Matrix					•	•	
	yers (A5) (LRR C	•)	-			` '		0	her (Explain	in Keman	KS)	
	(A9) (LRR D)	- (0.4.4)	_		Dark Surf	` '						
	elow Dark Surface	e (A11)	_			urface (F7)		31 11				
	Surface (A12)		_		Depression				tors of hydro		_	
	ky Mineral (S1)		_	Verna	l Pools (F9	9)			tland hydrolo			t,
Sandy Gleve	ed Matrix (S4)							unle	ess disturbed	or proble	ematic.	
	er (if present):											
Restrictive Laye	er (if present):											
Restrictive Laye								Hydric So	il Present?	Yes		No x
Restrictive Layer Type: Depth (inches)		rs observed	<u></u> d.					Hydric So	il Present?	Yes _		No x
Restrictive Layer Type: Depth (inches) Remarks: No hy):	's observed	d.					Hydric So	il Present?	Yes _		No x
Restrictive Laye Type: Depth (inches) Remarks: No hy):		d.					Hydric So	il Present?		rs (2 or m	
Restrictive Layer Type: Depth (inches) Remarks: No hy YDROLOGY Wetland Hydro):			all that ap	(VIa			Hydric So	Secondary	Indicator		nore requ
Restrictive Layer Type: Depth (inches) Remarks: No hy YDROLOGY Wetland Hydro Primary Indicato	characteristics (minimum of constitution):							Hydric So	Secondary Water M	Indicator	(Riverin	nore requ
Restrictive Layer Type: Depth (inches) Remarks: No hy YDROLOGY Wetland Hydro Primary Indicato Surface Wa	ology Indicators: ors (minimum of cater (A1)			Salt Cr	ust (B11)			Hydric So	Secondary Water M	Indicator larks (B1)) (Riverin ts (B2) (R	nore reque e) iverine)
Restrictive Layer Type: Depth (inches) Remarks: No hy YDROLOGY Wetland Hydro Primary Indicato Surface Wa High Water	ydric soil indicator plogy Indicators: ors (minimum of cater (A1) Table (A2)			Salt Cri_ Biotic C	ust (B11) Crust (B12)			Hydric So	Secondary Water M Sedime Drift De	Indicator larks (B1) nt Deposi posits (B3) (Riverin ts (B2) (R 3) (Riverin	nore reque e) iverine)
Restrictive Layer Type: Depth (inches) Remarks: No hy YDROLOGY Wetland Hydro Primary Indicato Surface Wa High Water Saturation (ology Indicators: ors (minimum of cater (A1) Table (A2)	one require		Salt Cro Biotic C Aquatio	ust (B11) Crust (B12) Clnvertebra	ates (B13)		Hydric So	Secondary Water M Sedime Drift De Drainag	Indicator larks (B1) nt Deposi posits (B3 e Pattern:) (Riverin ts (B2) (R 3) (Riveri s (B10)	nore reque e) iverine) ne)
Restrictive Layer Type: Depth (inches) Remarks: No hy YDROLOGY Wetland Hydro Primary Indicato Surface Wa High Water Saturation (Water Mark	ology Indicators: ors (minimum of cater (A1) Table (A2) (A3) (S (B1) (Nonriver	one require		Salt Cro Biotic C Aquatio	ust (B11) Crust (B12) Clnvertebra			Hydric So	Secondary Water M Sedime Drift De Drainag	Indicator larks (B1) nt Deposi posits (B3 e Pattern:) (Riverin ts (B2) (R 3) (Riverin	nore reque e) iverine) ne)
Restrictive Layer Type: Depth (inches) Remarks: No hy YDROLOGY Wetland Hydro Primary Indicato Surface Wa High Water Saturation (Water Mark	ology Indicators: ors (minimum of cater (A1) Table (A2)	one require		Salt Cru Biotic C Aquatic Hydrog	ust (B11) Crust (B12) c Invertebra en Sulfide	ates (B13)	Living Ro		Secondary Water M Sedime Drift De Drainag Dry-Sea	Indicator larks (B1) nt Deposi posits (B3 e Pattern:) (Riverin ts (B2) (R 3) (Riverin s (B10) er Table (nore reque e) iverine) ne)
Type: Depth (inches) Remarks: No hy YDROLOGY Wetland Hydro Primary Indicate Surface Wa High Water Saturation (Water Mark Sediment D	ology Indicators: ors (minimum of cater (A1) Table (A2) (A3) (S (B1) (Nonriver	one require ine) nriverine)		Salt Cru Biotic C Aquatic Hydrog Oxidize	ust (B11) Crust (B12) C Invertebra en Sulfide ed Rhizosp	ates (B13) Odor (C1)	_		Secondary Water M Sedime Drift De Drainag Dry-Sea Thin Mu	Indicator larks (B1) nt Deposi posits (B3 e Patterns	(Riverin ts (B2) (R 8) (Riverin s (B10) er Table (C ce (C7)	nore reque e) iverine) ne)
Type: Depth (inches) Remarks: No hy YDROLOGY Wetland Hydro Primary Indicate Surface Wa High Water Saturation (Water Mark Sediment D Drift Deposi	ology Indicators: ors (minimum of cater (A1) Table (A2) (A3) (A3) (A5) (A5) (A6) (A6) (A6) (A7) (A7) (A7) (A8) (A8) (A8) (A8) (A8) (A8) (A8) (A8	one require ine) nriverine)		Salt Cri Biotic C Aquatic Hydrog Oxidize Presen	ust (B11) Crust (B12) Invertebra en Sulfide ed Rhizosp ce of Redu	ates (B13) Odor (C1) heres along uced Iron (C4	4)	ots (C3)	Secondary Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish	Indicator larks (B1) nt Deposi posits (B3 e Patterns son Wate ck Surfac Burrows	(Rivering ts (B2) (Rivering ts (B2) (Rivering ts (B10)) (Rivering ts (B10)) (Rivering ts (C7)) (C8)	nore requ e) iverine) ne)
Restrictive Layer Type: Depth (inches) Remarks: No hy YDROLOGY Wetland Hydro Primary Indicato Surface Wa High Water Saturation (Water Mark Sediment D Drift Deposi Surface Soi	ology Indicators: ors (minimum of cater (A1) Table (A2) (A3) (A3) (A3) (A3) (A3) (A3) (A3) (A3	ine) nriverine)	id; check — — — — — —	Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent	ust (B11) Crust (B12) Invertebraten Sulfide A Rhizosp ce of Redu Iron Redu	ates (B13) Odor (C1) heres along uced Iron (C4 action in Tille	4)	ots (C3)	Secondary Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati	Indicator larks (B1) nt Deposi posits (B3 e Patterns son Wate ck Surfact Burrows on Visible	(Rivering ts (B2) (Rivering ts (B10)) (Rivering ts (B10)) (Rivering ts (C7)) (C8)	nore requ e) iverine) ne)
Restrictive Layer Type: Depth (inches) Remarks: No hy YDROLOGY Wetland Hydro Primary Indicate Surface Wa High Water Saturation (Water Mark Sediment D Drift Deposi Surface Soi Inundation	ology Indicators: ors (minimum of cater (A1) Table (A2) (A3) (A3) (A3) (A3) (A3) (A3) (A3) (A3	ine) nriverine)	id; check — — — — — —	Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M	ust (B11) Crust (B12) Invertebration Sulfide A Rhizosp Ce of Redu Iron Redu uck Surfac	odor (C1) heres along uced Iron (C4 action in Tille te (C7)	4)	ots (C3)	Secondary Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow	Indicator larks (B1) nt Deposi posits (B3 e Patterns son Wate ck Surfac Burrows on Visible Aquitard	(Riverin ts (B2) (R B) (Riverin s (B10) er Table (C ce (C7) (C8) e on Aeria (D3)	nore requ e) iverine) ne)
Restrictive Layer Type: Depth (inches) Remarks: No hy YDROLOGY Wetland Hydro Primary Indicate Surface Wa High Water Saturation (Water Mark Sediment D Drift Deposi Surface Soi Inundation	ology Indicators: ors (minimum of cater (A1) Table (A2) (A3) (A3) (A3) (A3) (A3) (A3) (A3) (A3	ine) nriverine)	id; check — — — — — —	Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M	ust (B11) Crust (B12) Invertebraten Sulfide A Rhizosp ce of Redu Iron Redu	odor (C1) heres along uced Iron (C4 action in Tille te (C7)	4)	ots (C3)	Secondary Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow	Indicator larks (B1) nt Deposi posits (B3 e Patterns son Wate ck Surfact Burrows on Visible	(Riverin ts (B2) (R B) (Riverin s (B10) er Table (C ce (C7) (C8) e on Aeria (D3)	nore requ e) iverine) ne)
Type: Depth (inches) Remarks: No hy YDROLOGY Wetland Hydro Primary Indicate Surface Wa High Water Saturation (Water Mark Sediment D Drift Deposi Surface Soi Inundation Water-Stain	chick soil indicator of chick soil indicators: cors (minimum of chick soil indicators: chic	ine) nriverine) rine) magery (B		Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M	ust (B11) Crust (B12) Invertebration Sulfide A Rhizosp Ce of Redu Iron Redu uck Surfac	odor (C1) heres along uced Iron (C4 action in Tille te (C7)	4)	ots (C3)	Secondary Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow	Indicator larks (B1) nt Deposi posits (B3 e Patterns son Wate ck Surfac Burrows on Visible Aquitard	(Riverin ts (B2) (R B) (Riverin s (B10) er Table (C ce (C7) (C8) e on Aeria (D3)	nore requ e) iverine) ne)
Type: Depth (inches) Remarks: No hy YDROLOGY Wetland Hydro Primary Indicate Surface Wa High Water Saturation (Water Mark Sediment D Drift Deposi Surface Soi Inundation (Water-Stain	chick soil indicator of chick soil indicators: cors (minimum of chick soil indicators: chic	ine) nriverine)		Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M	ust (B11) Crust (B12) Invertebraten Sulfide Ind Rhizosp Inon Redu Inon Redu Inon Redu Inon Redu Inon Redu Inon Redu Inon Redu	odor (C1) heres along uced Iron (C4 action in Tille te (C7)	4)	ots (C3)	Secondary Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow	Indicator larks (B1) nt Deposi posits (B3 e Patterns son Wate ck Surfac Burrows on Visible Aquitard	(Riverin ts (B2) (R B) (Riverin s (B10) er Table (C ce (C7) (C8) e on Aeria (D3)	nore requ e) iverine) ne)
Restrictive Layer Type: Depth (inches) Remarks: No hy YDROLOGY Wetland Hydro Primary Indicato Surface Wa High Water Saturation (Water Mark Sediment D Drift Deposi Surface Soi Inundation (Water-Stain Field Observation	color of the color	ine) nriverine) rine) magery (B		Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M Other (ust (B11) Crust (B12) Invertebraten Sulfide Ind Rhizosp Inon Redu Iron Redu Ick Surfac Explain in	odor (C1) heres along uced Iron (C4 action in Tille te (C7)	4)	ots (C3)	Secondary Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow	Indicator larks (B1) nt Deposi posits (B3 e Patterns son Wate ck Surfac Burrows on Visible Aquitard	(Riverin ts (B2) (R B) (Riverin s (B10) er Table (C ce (C7) (C8) e on Aeria (D3)	nore requ e) iverine) ne)
Restrictive Layer Type: Depth (inches) Remarks: No hy YDROLOGY Wetland Hydro Primary Indicato Surface Wa High Water Saturation (Water Mark Sediment D Drift Deposi Surface Soi Inundation V Water-Stain Field Observati Surface Water P Vater Table Pre	ology Indicators: ology Indicators: ors (minimum of cater (A1) Table (A2) (A3) (A3) (A3) (A3) (A3) (A3) (A3) (A3	ine) nriverine) magery (B	nd; check	Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M Other (Depth (ir	ust (B11) Crust (B12) Invertebraten Sulfide Ind Rhizosp Ince of Redu Iron Redu Iron Redu Iron Explain in Inches): Inches):	odor (C1) heres along uced Iron (C4 action in Tille te (C7)	4) d Soils (C	ots (C3)	Secondary Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow FAC-Ne	Indicator larks (B1) nt Deposi posits (B3 e Patterns son Wate ck Surfact Burrows on Visible Aquitard utral Test	(Riverin ts (B2) (R s) (Riverin s (B10) er Table (Ce ec (C7) (C8) e on Aeria (D3) t (D5)	nore requestiverine) ne) C2)
Restrictive Layer Type: Depth (inches) Remarks: No hy YDROLOGY Wetland Hydro Primary Indicate Surface Wa High Water Saturation (Water Mark Sediment D Drift Deposi Surface Soi Inundation v Water-Stain Field Observati Surface Water P Water Table Pre Saturation Prese	cology Indicators: cors (minimum of conter (A1) Table (A2) (A3) (A3) (A3) (A3) (A3) (A3) (A3) (A3	ine) nriverine) rine) magery (B	nd; check	Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M Other (Depth (ir	ust (B11) Crust (B12) Invertebraten Sulfide d Rhizosp ce of Redu Iron Redu uck Surfac Explain in	odor (C1) heres along uced Iron (C4 action in Tille te (C7)	4) d Soils (C	ots (C3)	Secondary Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow	Indicator larks (B1) nt Deposi posits (B3 e Patterns son Wate ck Surfact Burrows on Visible Aquitard utral Test	(Riverin ts (B2) (R B) (Riverin s (B10) er Table (C ce (C7) (C8) e on Aeria (D3)	nore requestiverine) ne) C2)
Restrictive Layer Type: Depth (inches) Remarks: No hy YDROLOGY Wetland Hydro Primary Indicate Surface Wa High Water Saturation (Water Mark Sediment D Drift Deposi Surface Soi Inundation N Water-Stain Field Observation Field Observation Surface Water P Water Table Pre Saturation Prese Sincludes capillar	cology Indicators: cors (minimum of conter (A1) Table (A2) (A3) (A3) (A3) (A3) (A3) (A3) (A3) (A3	ine) nriverine) magery (B	nd; check	Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M Other (Depth (ir	ust (B11) Crust (B12) Invertebraten Sulfide at Rhizospice of Reduiren Reduiren Surface Explain in Inches): Inches): Inches): Inches):	ates (B13) Odor (C1) heres along uced Iron (C4 action in Tille e (C7) Remarks)	d Soils (Co	ots (C3)	Secondary Water M Sedime Drift De Drainag Dry-Sea Thin Mu Crayfish Saturati Shallow FAC-Ne	Indicator larks (B1) nt Deposi posits (B3 e Patterns son Wate ck Surfact Burrows on Visible Aquitard utral Test	(Riverin ts (B2) (R s) (Riverin s (B10) er Table (Ce ec (C7) (C8) e on Aeria (D3) t (D5)	nore requestiverine) ne) C2)

Project/Site: Southwest Village Specifi	c Plan Project		City/Coun	ity: San Dieg	0	San	npling Date	e: <u>5/8/23</u>	<u> </u>
Applicant/Owner: Tri Point Homes					State:	CA San	npling Poir	nt: <u>237-U</u>	PL
Investigator(s): Andrew Smisek			Section,	Township, R	Range: Section 31,	T18S R01V	/		
Landform (hillslope, terrace, etc.): mes	a		Local rel	lief (concave	, convex, none): <u>nor</u>	ne	Slo	ope (%):	1
Subregion (LRR): C		Lat:	32.55187		Long: <u>-117.01533</u>	3	Dat	um: <u>NAD</u>	83
Soil Map Unit Name: Huerhuero loam	, 2-9% slopes				NWI class	sification: n	one		
Are climatic / hydrologic conditions on	the site typical fo	or this time of	f year? Yes	x No	o(If no, exp	lain in Rem	arks.)		
Are Vegetation, Soil,	or Hydrology	signif	icantly disturb	ed?	Are "Normal Circum	stances" pr	esent? Ye	s x	No
Are Vegetation, Soil,	or Hydrology _	natur	ally problemat	tic?	(If needed, explain a	ny answers	s in Remar	ks.)	
SUMMARY OF FINDINGS – Atta	ch site map s	howing sa	mpling poi	nt location	s, transects, imp	ortant fea	tures, et	c.	
Hydrophytic Vegetation Present?	Yes	No x	1- 41	011	A				
Hydric Soil Present?	Yes	No x		ne Sampled nin a Wetlan	Ye	es	No	x	
Wetland Hydrology Present?	Yes	No x		iiii a vvetiaii	u:				
VEGETATION – Use scientific na	ames of plant								
Tree Stratum (Plot size:1.)	Absolute % Cover	Dominant Species?	Indicator Status	Number of Domin That Are OBL, FA	ant Species	3	1	(A)
2. 3.					Total Number of I Species Across A			2	(B)
4.					Percent of Domin				
		·	= Total Cove	er	That Are OBL, FA	CW, or FA	C:	50	(A/B)
Sapling/Shrub Stratum (Plot size:)								
Festuca perennis		60	Y	FAC	Prevalence Inde		et:		
2. Avena fatua		30	Y	UPL	Total % Cove			tiply by:	
3. Hordeum marinum		5	N	FAC	OBL species	0	x 1 =		_
4					FACW species	0	x 2 =		_
5.					FAC species FACU species	65 0	x 3 = x 4 =		_
Herb Stratum (Plot size:	,		= Total Cove	er	UPL species	30	x 4 = x 5 =	150	
1.					Column Totals:	95	(A)	345	— (B)
2.					_	e Index = B	· · · · —	040	(D)
3. 4.					Hydrophytic Veg	etation Inc	licators:		
5.					Dominance				
6		-			Prevalence				
7. 8.					Morphologi		ions¹ (Prov		
Woody Vine Stratum (Plot size:	,	95	= Total Cov	/er	Problemation	: Hydrophy	tic Vegetat	tion¹ (Exp	olain)
1	/	. ———			¹ Indicators of hydbe present, unlea				must
۲.		95	= Total Cove	er	Hydrophytic Vegetation		-		
% Bare Ground in Herb Stratum	% Co	over of Biotic	Crust _		Present?	Yes		No_x	
Remarks: The sample area does not s		ninance of h	ydrophytic veç	getation.					

SOIL Sampling Point: 237-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix	•	Re	dox Featu	ires			,
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-8	10YR 3/2	100					sandy loam	no redox
	-						- <u> </u>	
							-	
¹ Type: C=Co	ncentration, D=Depletion	n, RM=Reduced	Matrix, CS=Covere	d or Coated	Sand Grain	S. 2	Location: PL=Por	e Lining, RC=Root Channel, M=Matrix.
Hydric Soi	I Indicators: (Applica	able to all LR	Rs, unless other	wise note	d.)		Indicators	for Problematic Hydric Soils ³ :
Histoso	ol (A1)		Sandy F	Redox (S5))		1 cm M	luck (A9) (LRR C)
Histic E	pipedon (A2)		Stripped	Matrix (S	6)		2 cm M	luck (A10) (LRR B)
Black F	Histic (A3)		Loamy I	Mucky Min	eral (F1)		Reduce	ed Vertic (F18)
Hydrog	en Sulfide (A4)		Loamy (Gleyed Ma	trix (F2)		Red Pa	arent Material (TF2)
	ed Layers (A5) (LRR (S)		d Matrix (F	,		Other (Explain in Remarks)
	luck (A9) (LRR D)			Oark Surfac	` '			
	ed Below Dark Surface	e (A11)		d Dark Sur			2	
	Dark Surface (A12)			Depression	ıs (F8)			of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal F	Pools (F9)				hydrology must be present,
Sandy	Gleyed Matrix (S4)						uniess	disturbed or problematic.
	Layer (if present):							
Type: sh	novel refusal - rock		_					
Depth (inc	ches): <u>8</u>		_				Hydric Soil Pre	esent? Yes No x
Remarks: N	No hydric soil indicator	s observed.						
	•							
HYDROLO								
	ydrology Indicators:							ondary Indicators (2 or more required)
Primary Inc	dicators (minimum of c	one required; c						Water Marks (B1) (Riverine)
	e Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
High W	/ater Table (A2)		Biotic Cru	` ,				Drift Deposits (B3) (Riverine)
Satura	tion (A3)			nvertebrate				Drainage Patterns (B10)
Water	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)			Dry-Season Water Table (C2)
Sedime	ent Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	Thin Muck Surface (C7)
Drift De	eposits (B3) (Nonrive	rine)	Presence	of Reduc	ed Iron (C	4)		Crayfish Burrows (C8)
Surface	e Soil Cracks (B6)		Recent Ir	on Reduct	ion in Tille	d Soils (Co	6)	Saturation Visible on Aerial Imagery (C9)
Inunda	tion Visible on Aerial I	magery (B7)	Thin Muc	k Surface	(C7)			Shallow Aquitard (D3)
Water-	Stained Leaves (B9)		Other (Ex	cplain in Re	emarks)			FAC-Neutral Test (D5)
Field Obse	rvations:							
		es No	Depth (inc	hes):				
Water Table		es No						
Saturation F			Depth (inc			Wetla	and Hydrology	Present? YesNox_
	pillary fringe)		Bopui (iiio			_		1100mi 100no
•	corded Data (stream of	gauge, monitor	ring well, aerial ph	notos, prev	ious inspe	ctions), if	available:	
Remarks: N	o wetland hydrology ir	ndicators obse	rved.					

Project/Site: Southwest Village Specific Plan Project		City/County	r: San Diego	o, CA Sampling Date: August 8, 2023
Applicant/Owner: Tri Pointe Homes				State: CA Sampling Point: 242-UPL
Investigator(s): Andrew Smisek, Danelle Gadia		Section, T	ownship, R	ange: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): Slump Mesa		Local relie	ef (concave,	convex, none): Concave Slope (%): 20
Subregion (LRR): C	Lat: 3	32.54997		Long: -117.01949 Datum: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9-30 % s	lopes			NWI classification: None
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	X No	(If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology	signifi	cantly disturbe	d? /	Are "Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology	natura	ally problemation	? ((If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sh	owing sar	mpling point	locations	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X	No	la dia	0	A
Hydric Soil Present? Yes	No X		e Sampled <i>i</i> n a Wetland	Yes No X
Wetland Hydrology Present? Yes	No X		Ta Welland	••
Remarks: Upland sample point paired to feature #242	wetland poi	nt. This sample	e point is a v	vetland.
VEGETATION – Use scientific names of plants	; .			
Tree Stratum (Plot size: %	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. none	70 OOVCI	Орсоюз	Otatus	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2.				Total Number of Dominant
3.				Species Across All Strata: 1 (B)
4.				Percent of Dominant Species
		= Total Cover		That Are OBL, FACW, or FAC: 100% (A/B)
Sapling/Shrub Stratum (Plot size:)				
1. none				Prevalence Index worksheet:
2				Total % Cover of: Multiply by:
3				OBL species 0 x 1 = 0
4				FACW species 0 x 2 = 0
5				FAC species 63 x 3 = 189 FACU species 12 x 4 = 48
Herb Stratum (Plot size:)		= Total Cover		FACU species 12 x 4 = 48 UPL species 11 x 5 = 55
1. Bromus rubens	10	N	UPL	Column Totals: 86 (A) 292 (B)
2. Festuca perennis	63	<u>Y</u> -	FAC	(F)(E)
Mesembryanthemum nodiflorum	10		FACU	Prevalence Index = B/A = 3.39
4. Salsola tragus	<1		FACU	Hydrophytic Vegetation Indicators:
5. Hordeum marinum	2		FAC	X Dominance Test is >50%
6. Avena sp.	1	N	UPL	Prevalence Index is ≤3.0¹
7				Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
	86	= Total Cove	r	Problematic Hydrophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)				: iosiomano i iyarepiiyno vogetano (2:4piani)
1. none				¹ Indicators of hydric soil and wetland hydrology must
2.				be present, unless disturbed or problematic.
		= Total Cover		Hydrophytic
% Bare Ground in Herb Stratum14	ver of Biotic	Crust		Vegetation Present? Yes X No
Remarks: this upland area supports hydrophytic vegeta	ition			

SOIL Sampling Point: 242-UPL

Depth	Matrix			Redox Featu			_			
inches)	Color (moist)	<u></u> %	Color (moist)	%	Type ¹	Loc ²	Texture	<u> </u>	Rema	ırks
5 5	YR 4/4	100								
	•			_						
							-			
							_			
							-			
<u> </u>						2			D + 01	
	entration, D=Depletion					S. ²		Pore Lining, RC=		
-	dicators: (Applica	able to all Li						rs for Probler	-	c Soils':
Histosol (A				Redox (S5)				Muck (A9) (L		
Histic Epip				ed Matrix (S	,			Muck (A10) (
Black Histi	ic (A3)			/ Mucky Min				uced Vertic (F	,	
Hydrogen	Sulfide (A4)			, Gleyed Ma	` ,		Red	Parent Materia	al (TF2)	
Stratified L	ayers (A5) (LRR C	;)		ted Matrix (F	,		Othe	r (Explain in R	temarks)	
1 cm Muck	(A9) (LRR D)		Redox	Dark Surfa	ce (F6)					
Depleted B	Below Dark Surface	e (A11)		ted Dark Sui						
Thick Dark	Surface (A12)		Redox	Depression	ıs (F8)		³ Indicato	rs of hydrophy	tic vegetatio	n and
Sandy Mud	cky Mineral (S1)		Verna	Pools (F9)				nd hydrology i		
Sandy Gle	yed Matrix (S4)						unles	s disturbed or	problematic	
Restrictive Lay	yer (if present):									
Type: Shove										
, <u> </u>								_	V	
Depth (inches	s): 6						Hydric Soil I	Present?	Yes	No X
Depth (inches	s): <u>6</u>		_				Hydric Soil I	Present?	Yes	No <u>X</u>
Remarks:			_				Hydric Soil I	Present?	Yes	_ No <u>X</u>
Remarks:	,		_							
Remarks: YDROLOGY Wetland Hydr	, rology Indicators:		check all that an	nlv)				econdary Ind	icators (2 o	r more requ
Remarks: YDROLOGY Wetland Hydr Primary Indicat	rology Indicators: tors (minimum of o		-					econdary Ind Water Mark	<u>icators (2 o</u> s (B1) (Rive	or more requ
YDROLOGY Wetland Hydr Primary IndicatSurface W	rology Indicators: tors (minimum of o		Salt Cr	ust (B11)				econdary Ind Water Mark Sediment D	icators (2 o s (B1) (Rive eposits (B2)	or more requ erine) (Riverine)
YDROLOGY Wetland Hydr Primary Indicat Surface W High Wate	rology Indicators: tors (minimum of o /ater (A1) er Table (A2)		Salt Cr Biotic 0	ust (B11) Crust (B12)				econdary Ind Water Mark Sediment D Drift Deposi	icators (2 o s (B1) (Rive eposits (B2) ts (B3) (Rive	or more requestions of the second sec
YDROLOGY Wetland Hydr Primary Indicat Surface W High Wate Saturation	rology Indicators: stors (minimum of o rater (A1) er Table (A2)	ne required;	Salt Cr Biotic C	ust (B11) Crust (B12) Invertebrate				econdary Ind Water Mark Sediment D Drift Deposi Drainage P	icators (2 o s (B1) (Rive eposits (B2) tts (B3) (Rive atterns (B10	or more requerine) (Riverine) erine)
YDROLOGY Wetland Hydr Primary Indicat Surface W High Wate Saturation Water Mar	rology Indicators: tors (minimum of o /ater (A1) er Table (A2) (A3) rks (B1) (Nonriveri	ne required;	Salt Cr Biotic C Aquatic Hydrog	ust (B11) Crust (B12) Invertebrate en Sulfide C	dor (C1)		<u>§</u>	econdary Ind Water Mark Sediment D Drift Deposi Drainage P	icators (2 o s (B1) (Rive deposits (B2) ts (B3) (Rive atterns (B10 o Water Tabl	or more requerine) (Riverine) erine) (erine)
YDROLOGY Wetland Hydr Primary Indicat Surface W High Wate Saturation Water Mar	rology Indicators: stors (minimum of o rater (A1) er Table (A2)	ne required;	Salt Cr Biotic C Aquatic Hydrog	ust (B11) Crust (B12) Invertebrate	dor (C1)	Living Ro	<u>§</u>	econdary Ind Water Mark Sediment D Drift Deposi Drainage P	icators (2 o s (B1) (Rive eposits (B2) tts (B3) (Rive atterns (B10	or more requerine) (Riverine) erine) (erine)
Primary Indicat Surface W High Wate Saturation Water Mar Sediment	rology Indicators: tors (minimum of o /ater (A1) er Table (A2) (A3) rks (B1) (Nonriveri	ne required; ine) nriverine)	Salt Cr Biotic C Aquatic Hydrog Oxidize	ust (B11) Crust (B12) Invertebrate en Sulfide C	odor (C1) eres along	-	<u>§</u>	econdary Ind Water Mark Sediment D Drift Deposi Drainage P	icators (2 o s (B1) (Rive eposits (B2) tts (B3) (Rive atterns (B10 i Water Tabl Surface (C7)	or more requerine) (Riverine) erine) (erine)
Primary Indicat Surface W High Wate Saturation Water Mar Sediment I Drift Depos	rology Indicators: tors (minimum of o /ater (A1) er Table (A2) (A3) rks (B1) (Nonriveri Deposits (B2) (Nor	ne required; ine) nriverine)	Salt Cr Biotic C Aquatic Hydrog Oxidize	ust (B11) Crust (B12) Invertebrate en Sulfide C	odor (C1) eres along ed Iron (C	4)		econdary Ind Water Mark Sediment D Drift Deposi Drainage P Dry-Seasor Thin Muck S Crayfish Bu	icators (2 o s (B1) (Rive eposits (B2) ts (B3) (Rive atterns (B10 n Water Tabl Surface (C7) rrows (C8)	or more requerine) (Riverine) erine) (erine)
NET SECTION OF SUITS	rology Indicators: tors (minimum of orlater (A1) er Table (A2) (A3) rks (B1) (Nonrivering Deposits (B2) (Nonrivering Sits (B3) (Nonrivering Cracks (B6)	ine) nriverine) rine)	Salt Cr Biotic C Aquatio Hydrog Oxidize Presen Recent	ust (B11) Crust (B12) Invertebrate en Sulfide Ced Rhizosphe ce of Reduc	odor (C1) eres along ed Iron (Co tion in Tille	4)		econdary Ind Water Mark Sediment D Drift Deposi Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N	icators (2 o s (B1) (Rive reposits (B2) ts (B3) (Rive atterns (B10 a Water Tabl Surface (C7) rrows (C8) /isible on Ae	or more requerine) (Riverine) erine)) (e (C2)
Netland Hydr Primary Indicat Surface W High Wate Saturation Water Mar Sediment I Drift Depos	rology Indicators: tors (minimum of or rater (A1) er Table (A2) (A3) rks (B1) (Nonriveri Deposits (B2) (Non sits (B3) (Nonriveri oil Cracks (B6)	ine) nriverine) rine)	Salt Cr Biotic C Aquatio Hydrog Oxidize Presen Recent Thin M	ust (B11) crust (B12) crust (B	odor (C1) eres along ed Iron (Ca ion in Tille (C7)	4)		econdary Ind Water Mark Sediment D Drift Deposi Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N	icators (2 o s (B1) (Rive eposits (B2) ts (B3) (Rive atterns (B10 a Water Tabl Surface (C7) rrows (C8) /isible on Ae uitard (D3)	or more requerine) (Riverine) erine)) (e (C2)
Nemarks: NYDROLOGY Wetland Hydr Primary Indicat Surface W High Wate Saturation Water Mar Sediment I Drift Depos Surface So Inundation Water-Stai	rology Indicators: tors (minimum of o /ater (A1) er Table (A2) (A3) rks (B1) (Nonriveri Deposits (B2) (Noriveri sits (B3) (Nonriveri oil Cracks (B6) n Visible on Aerial In ined Leaves (B9)	ine) nriverine) rine)	Salt Cr Biotic C Aquatio Hydrog Oxidize Presen Recent Thin M	ust (B11) Crust (B12) Invertebrate en Sulfide Ce d Rhizosphe ce of Reduc	odor (C1) eres along ed Iron (Ca ion in Tille (C7)	4)		econdary Ind Water Mark Sediment D Drift Deposi Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N	icators (2 o s (B1) (Rive eposits (B2) ts (B3) (Rive atterns (B10 a Water Tabl Surface (C7) rrows (C8) /isible on Ae uitard (D3)	or more requerine) (Riverine) erine)) (e (C2)
Primary Indicat Surface W High Wate Saturation Water Mar Sediment I Drift Depos Surface So Inundation Water-Stai	rology Indicators: tors (minimum of or /ater (A1) er Table (A2) (A3) rks (B1) (Nonriveri Deposits (B2) (Nonriveri oil Cracks (B6) of Visible on Aerial In ined Leaves (B9) tions:	ine) nriverine) rine) magery (B7)	Salt Cr Biotic C Aquatio Hydrog Oxidize Presen Recent Other (ust (B11) crust (B12) crust (B	odor (C1) eres along ed Iron (C- ion in Tille (C7) emarks)	4)		econdary Ind Water Mark Sediment D Drift Deposi Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N	icators (2 o s (B1) (Rive eposits (B2) ts (B3) (Rive atterns (B10 a Water Tabl Surface (C7) rrows (C8) /isible on Ae uitard (D3)	or more requerine) (Riverine) erine)) (e (C2)
YDROLOGY Wetland Hydr Primary Indicat Surface W High Wate Saturation Water Mar Sediment I Drift Depos Surface So Inundation Water-Stai	rology Indicators: tors (minimum of orlater (A1) er Table (A2) (A3) rks (B1) (Nonrivering (B2) (Nonrivering (B3) (Nonriv	ine) nriverine) magery (B7)	Salt Cr Biotic C Aquatio Hydrog Oxidize Presen Recent Thin M Other (ust (B11) crust (B12) crust (B	odor (C1) eres along ed Iron (C- ion in Tille (C7) emarks)	4)		econdary Ind Water Mark Sediment D Drift Deposi Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N	icators (2 o s (B1) (Rive eposits (B2) ts (B3) (Rive atterns (B10 a Water Tabl Surface (C7) rrows (C8) /isible on Ae uitard (D3)	or more requerine) (Riverine) erine)) (e (C2)
YDROLOGY Wetland Hydr Primary Indicat Surface W High Wate Saturation Water Mar Sediment I Drift Depos Surface So Inundation Water-Stai	rology Indicators: tors (minimum of orlater (A1) er Table (A2) (A3) rks (B1) (Nonrivering (B2) (Nonrivering (B3) (Nonriv	ine) nriverine) magery (B7) es	Salt Cr Biotic C Aquatio Hydrog Oxidize Presen Recent Thin M Other (No X Depth (ii	ust (B11) crust (B12) crust (B	odor (C1) eres along ed Iron (C- ion in Tille (C7) emarks)	4)		econdary Ind Water Mark Sediment D Drift Deposi Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N	icators (2 o s (B1) (Rive eposits (B2) ts (B3) (Rive atterns (B10 a Water Tabl Surface (C7) rrows (C8) /isible on Ae uitard (D3)	or more requerine) (Riverine) erine)) (e (C2)
Primary Indicat Surface W High Wate Saturation Water Mar Sediment I Drift Depos Surface So Inundation Water-Stai Field Observat Surface Water I Water Table Pres	rology Indicators: tors (minimum of or rater (A1) er Table (A2) (A3) rks (B1) (Nonriveri Deposits (B2) (Non sits (B3) (Nonriveri oil Cracks (B6) n Visible on Aerial II ined Leaves (B9) tions: Present? resent? Yesent? Yesent?	ine) nriverine) magery (B7) es	Salt Cr Biotic C Aquatio Hydrog Oxidize Presen Recent Thin M Other (ust (B11) crust (B12) crust (B	odor (C1) eres along ed Iron (C- ion in Tille (C7) emarks)	4) d Soils (Co	ots (C3)	econdary Ind Water Mark Sediment D Drift Deposi Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N	icators (2 o s (B1) (Rive eposits (B2) ts (B3) (Rive atterns (B10 a Water Tabl Surface (C7) rrows (C8) /isible on Ae uitard (D3)	or more requestrine) (Riverine) erine) (Riverine) erine) erine)
Remarks: IYDROLOGY Wetland Hydr Primary Indicat Surface W High Water Saturation Water Mar Sediment I Drift Depos Surface So Inundation Water-Stai Field Observat Surface Water I Water Table Pres Saturation Pres Sincludes capilla	rology Indicators: ators (minimum of or rater (A1) ar Table (A2) ar (A3) rks (B1) (Nonriverial beposits (B2) (Nonriverial coil Cracks (B6) a Visible on Aerial In ined Leaves (B9) tions: Present? yesent? yesent? yesent? yesent? yesent? yesent?	ine) nriverine) magery (B7) es 1 es 1	Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M Other (No X Depth (ii No X Depth (ii	ust (B11) crust (B12) crust (B	odor (C1) eres along ed Iron (C- cion in Tille (C7) emarks)	4) d Soils (Ce	ots (C3)	econdary Ind Water Mark Sediment D Drift Deposi Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N Shallow Aq FAC-Neutra	icators (2 o s (B1) (Rive leposits (B2) ts (B3) (Rive atterns (B10 a Water Tabl Surface (C7) rrows (C8) /isible on Ae uitard (D3) al Test (D5)	or more requestrine) (Riverine) erine) (Riverine) erine) erine)
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Remarks: IYDROLOGY Wetland Hydr Primary Indicat Surface W High Wate Saturation Water Mar Sediment I Drift Depos Surface So Inundation Water-Stai Field Observat Surface Water I Water Table Pres Saturation Pres (includes capilla	rology Indicators: ators (minimum of or rater (A1) ar Table (A2) ar (A3) rks (B1) (Nonriverial beposits (B2) (Nonriverial coil Cracks (B6) a Visible on Aerial In ined Leaves (B9) tions: Present? yesent? yesent? yesent? yesent? yesent? yesent?	ine) nriverine) magery (B7) es 1 es 1	Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M Other (No X Depth (ii No X Depth (ii	ust (B11) crust (B12) crust (B	odor (C1) eres along ed Iron (C- cion in Tille (C7) emarks)	4) d Soils (Ce	ots (C3)	econdary Ind Water Mark Sediment D Drift Deposi Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N Shallow Aq FAC-Neutra	icators (2 o s (B1) (Rive leposits (B2) ts (B3) (Rive atterns (B10 a Water Tabl Surface (C7) rrows (C8) /isible on Ae uitard (D3) al Test (D5)	or more requestrine) (Riverine) erine) (Riverine) erine) erine)
Remarks: IYDROLOGY Wetland Hydr Primary Indicat Surface W High Water Saturation Water Mar Sediment I Drift Depose Surface So Inundation Water-Stait Field Observat Surface Water I Water Table Pro Saturation Press (includes capillal escribe Record	rology Indicators: ators (minimum of or rater (A1) ar Table (A2) ar (A3) rks (B1) (Nonriverial beposits (B2) (Nonriverial coil Cracks (B6) a Visible on Aerial In ined Leaves (B9) tions: Present? yesent? yesent? yesent? yesent? yesent? yesent?	ine) nriverine) magery (B7) es 1 es 1	Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M Other (No X Depth (ii No X Depth (ii	ust (B11) crust (B12) crust (B	odor (C1) eres along ed Iron (C- cion in Tille (C7) emarks)	4) d Soils (Ce	ots (C3)	econdary Ind Water Mark Sediment D Drift Deposi Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N Shallow Aq FAC-Neutra	icators (2 o s (B1) (Rive leposits (B2) ts (B3) (Rive atterns (B10 n Water Tabl Surface (C7) rrows (C8) /isible on Ae uitard (D3) al Test (D5)	or more requestrine) (Riverine) erine) (Riverine) erine) erine)
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IYDROLOGY Wetland Hydr Primary Indicat Surface W High Water Saturation Water Mar Sediment I Drift Depos Surface So Inundation Water-Stai Field Observat Surface Water I Water Table Pres Saturation Pres Sincludes capilla	rology Indicators: ators (minimum of or rater (A1) ar Table (A2) ar (A3) rks (B1) (Nonriverial beposits (B2) (Nonriverial coil Cracks (B6) a Visible on Aerial In ined Leaves (B9) tions: Present? yesent? yesent? yesent? yesent? yesent? yesent?	ine) nriverine) magery (B7) es 1 es 1	Salt Cr Biotic C Aquatic Hydrog Oxidize Presen Recent Thin M Other (No X Depth (ii No X Depth (ii	ust (B11) crust (B12) crust (B	odor (C1) eres along ed Iron (C- cion in Tille (C7) emarks)	4) d Soils (Ce	ots (C3)	econdary Ind Water Mark Sediment D Drift Deposi Drainage P Dry-Seasor Thin Muck S Crayfish Bu Saturation N Shallow Aq FAC-Neutra	icators (2 o s (B1) (Rive leposits (B2) ts (B3) (Rive atterns (B10 n Water Tabl Surface (C7) rrows (C8) /isible on Ae uitard (D3) al Test (D5)	or more requestrine) (Riverine) erine) (Riverine) erine)

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	o, CA	_Sampling Date	: August 8,2023
Applicant/Owner: Tri Pointe Homes				State: CA	_Sampling Poin	t: 243-UPL
Investigator(s): Andrew Smisek, Danelle Gadia		Section,	Township, R	ange: Section 31, T18S F	R01W	
Landform (hillslope, terrace, etc.): Slump Mesa		Local rel	ief (concave,	convex, none): Convex	Slo	pe (%): <u>20</u>
Subregion (LRR): LRR-C	Lat: 3	32.55071		Long: -117.02072	Datu	ım: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9-30 % s	lopes			NWI classification	on: None	
Are climatic / hydrologic conditions on the site typical for	this time of	year? Yes	XNo	o(If no, explain in	Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	cantly disturb	ed?	Are "Normal Circumstance	es" present? Yes	s <u>X</u> No
Are Vegetation, Soil, or Hydrology	natura	ally problemat	tic?	(If needed, explain any ans	swers in Remark	rs.)
SUMMARY OF FINDINGS – Attach site map sh	owing sa	mpling poir	nt location	s, transects, importan	t features, etc	>.
Hydrophytic Vegetation Present? Yes	No X	1- 4	0 1 1	A		
Hydric Soil Present? Yes	No X		ne Sampled nin a Wetlan	Yes	No	<u> </u>
Wetland Hydrology Present? Yes	No X	_	iii a rrotiaii	u .		
Remarks: Upland sample point paired to feature #243	wetland poi	nt. This samp	oled area is n	ot a wetland.		
VEGETATION – Use scientific names of plants	i.					
T 0: (D) :	Absolute	Dominant	Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size:) 1none	% Cover	Species?	Status	Number of Dominant Sp That Are OBL, FACW, o		0 (A)
2. 3.				Total Number of Domina Species Across All Strat		3 (B)
4.				Percent of Dominant Sp		,, ,
		= Total Cove	er	That Are OBL, FACW, o	or FAC:	0 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. Simmondsia chenensis	2	N	UPL	Prevalence Index work	ksheet:	
2. Eriogonum fasciculatum	20	Υ	UPL	Total % Cover of:		iply by:
3. Ambrosia chenopodiifolia	25	Y	UPL	OBL species	x 1 =	
4				FACW species		
5				FAC species		
Harb Charture (Districe)	47	= Total Cove	er	FACU species		
Herb Stratum (Plot size:)	4	N.	UPL	UPL species Column Totals:		(B)
Avena sp. Festuca perennis	10	N	FAC	Column Totals.	(A)	(В)
Festuca perennis Bromus rubens	30	Y	UPL	Prevalence Inde	x = B/A =	
4. Lamarckia aurea		N	FACU	Hydrophytic Vegetation	n Indicators:	
5. Deinandra fasciculata	<1	N	FACU	Dominance Test i		
				Prevalence Index		
7				Morphological Ad		ide supporting
8.					ks or on a separ	
	41	= Total Cov	ver	Problematic Hydr	ophytic Vegetati	on¹ (Explain)
Woody Vine Stratum (Plot size:)					op, no regetan	(=/(=/(=//)
1. none				¹ Indicators of hydric so	il and wetland h	ydrology must
2.				be present, unless dist	urbed or probler	natic.
		= Total Cove	er	Hydrophytic		
% Bare Ground in Herb Stratum10	ver of Biotic	Crust	2	Vegetation	es N	loX
Remarks:				1		

SOIL Sampling Point: 243-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			dox Features		_	
(inches)	Color (moist)	<u></u> %	Color (moist)	% Type	Loc ²	Texture	Remarks
8	10YR 3/2	100				sandy loam	no redox
	-					·	
					<u> </u>	·	·
	-	· ·					·
		· ——				<u> </u>	·
¹ Type: C=Cor	ncentration, D=Depletio	n RM=Reduc	ed Matrix CS=Covered	d or Coated Sand G	rains ² l	ocation: PI =Pore	Lining, RC=Root Channel, M=Matrix.
	Indicators: (Applic						or Problematic Hydric Soils ³ :
Histosol		ubio to un 2		Redox (S5)			ck (A9) (LRR C)
	pipedon (A2)			Matrix (S6)			ck (A30) (LRR B)
	istic (A3)			Mucky Mineral (F	1)		Vertic (F18)
	en Sulfide (A4)			Gleyed Matrix (F2			ent Material (TF2)
	d Layers (A5) (LRR (C)		d Matrix (F3)	• /		xplain in Remarks)
	uck (A9) (LRR D)	•,		Dark Surface (F6)			Aprair in Normanio)
	d Below Dark Surfac	e (A11)		d Dark Surface (F	7)		
	ark Surface (A12)	- ()		Depressions (F8)	,	3Indicators of	hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal F	Pools (F9)		wetland h	ydrology must be present,
	Gleyed Matrix (S4)			` ,			sturbed or problematic.
Postrictivo	Layer (if present):						
	ovel refusal						
			<u></u>			Lhudria Cail Draa	ant? Van No V
Depth (inc	nes). 8					Hydric Soil Pres	ent? Yes No X
HYDROLOG	GY						
Wetland Hy	drology Indicators	:				Seco	ndary Indicators (2 or more required)
Primary Indi	icators (minimum of	one required	l; check all that appl	y)		V	/ater Marks (B1) (Riverine)
Surface	Water (A1)	•	Salt Crus	t (B11)		s	ediment Deposits (B2) (Riverine)
	ater Table (A2)		Biotic Cru	, ,			rift Deposits (B3) (Riverine)
	ion (A3)			nvertebrates (B13	3)		rainage Patterns (B10)
	Marks (B1) (Nonrive i	rine)		Sulfide Odor (C	,		ry-Season Water Table (C2)
	nt Deposits (B2) (No			Rhizospheres ald		·	hin Muck Surface (C7)
	posits (B3) (Nonrive	,		of Reduced Iron	0 0	· · · —	rayfish Burrows (C8)
	Soil Cracks (B6)	11110)		on Reduction in T	` '		aturation Visible on Aerial Imagery (C9)
	ion Visible on Aerial	Imagery (R7	·	k Surface (C7)	ilica collo (co	·	hallow Aquitard (D3)
	Stained Leaves (B9)	illiagery (D7	<i>'</i>	k odriace (<i>Or)</i> kplain in Remarks	1		AC-Neutral Test (D5)
			Other (L/	CPIAITI IT INCITIAINS	''	'	AC-Neutral Test (D3)
Field Obser							
Surface Wat			No X Depth (inc				
Water Table			No X Depth (inc				
Saturation P		'es	No X Depth (inc	hes):	Wetla	nd Hydrology F	Present? Yes No X
(includes cap					ti\ 'f -		
Describe Rec	orded Data (stream	gauge, moni	toring well, aerial pr	iotos, previous in	spections), if a	avallable:	
Remarks:							

Project/Site: Southwest Village Specific Plan Project		City/Count	ty: <u>San Dieg</u>	o, CA	Sampling Date: August 8, 202
Applicant/Owner: Tri Pointe Homes				State: CA	Sampling Point: 244-UPL
Investigator(s): Andrew Smisek, Danelle Gadia		Section,	Township, R	Range: Section 31, T18S	R01W
Landform (hillslope, terrace, etc.): Slump Mesa		Local reli	ef (concave	, convex, none): Concave	Slope (%): 2
Subregion (LRR): LRR-C	Lat:	32.55119		Long: -117.02115	Datum: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 2-9 % s	lopes			NWI classificat	ion: None
Are climatic / hydrologic conditions on the site typical for	or this time of	f year? Yes	X No	o(If no, explain i	n Remarks.)
Are Vegetation, Soil, or Hydrology _	signif	icantly disturbe	ed?	Are "Normal Circumstand	ces" present? Yes X No
Are Vegetation, Soil, or Hydrology	natura	ally problemati	ic?	(If needed, explain any ar	nswers in Remarks.)
SUMMARY OF FINDINGS – Attach site map s	howing sa	mpling poin	t location	s, transects, importa	nt features, etc.
Hydrophytic Vegetation Present? Yes	No X		a Camplad	Avan	
Hydric Soil Present? Yes			e Sampled in a Wetlan	YAS	NoX
Wetland Hydrology Present? Yes	No X		iii a weilaii	u.	
Remarks: Upland sample point paired to feature #244 VEGETATION – Use scientific names of plant	s.				
Tree Stratum (Plot size:) 1. none	Absolute % Cover	Dominant Species?	Indicator Status	Number of Dominant S That Are OBL, FACW,	Species
2. 3.				Total Number of Domin Species Across All Stra	nant
4.				Percent of Dominant S	pecies(b)
		= Total Cove	r	That Are OBL, FACW,	or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size:)					
1. Simmondsia chinensis	15	Υ	UPL	Prevalence Index wo	rksheet:
2. Encelia californica	15	Υ	UPL	Total % Cover of:	Multiply by:
3	- <u></u>			OBL species	x 1 =
4				FACW species	x 2 =
5				FAC species	x 3 =
Horb Stratum (Diot aiza:	30	= Total Cove	r	FACU species UPL species	x 4 = x 5 =
Herb Stratum (Plot size:) 1. Glebionis coronaria	25	Υ	UPL	Column Totals:	(A) (B)
Avena sp.	15	Y	UPL		
Deinandra fasciculata	5	N	FACU	Prevalence Ind	ex = B/A =
4. Bromus rubens	10	N	UPL	Hydrophytic Vegetati	on Indicators:
5. Bromus diandrus	<1	N	UPL	Dominance Test	
6. Festuca perennis	5	N	FAC	Prevalence Inde	
7. Lamarckia aurea 8.	<1	N	FACU	Morphological A	daptations ¹ (Provide supporting arks or on a separate sheet)
Woody Vine Stratum (Plot size:)	60	= Total Cov	er	Problematic Hyd	drophytic Vegetation¹ (Explain)
1. none				¹ Indicators of hydric o	oil and wetland hydrology must
2.					sturbed or problematic.
	over of Dietie	= Total Cove	r	Hydrophytic Vegetation	Von No V
	over of Biotic	. Ciust		Present?	/es NoX
Remarks:					

SOIL Sampling Point: 244-UPL

Depth	Matrix			edox Featu							
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu	<u>e</u>	F	Remarks	
18	10YR 3/2	100					sandy loa	m no re	dox		
				-							
 -					· — — –						
•				-	·						
				-							
Type: C=Cond	centration, D=Depletion	, RM=Reduced	Matrix, CS=Covere	ed or Coated	Sand Grains.	² L	ocation: PL=	Pore Lining, F	RC=Root Ch	nannel, M=	Matrix.
lydric Soil I	Indicators: (Applica	ible to all LRF	Rs, unless othe	rwise note	ed.)		Indicate	ors for Prob	lematic H	ydric So	ils³:
Histosol	(A1)		Sandy	Redox (S5))		1 cr	n Muck (A9)	(LRR C)		
Histic Ep	ipedon (A2)		Strippe	d Matrix (S	6)		2 cr	m Muck (A10) (LRR B)		
Black His			Loamy	Mucky Min	eral (F1)		Rec	duced Vertic	(F18)		
	n Sulfide (A4)			Gleyed Ma			Rec	d Parent Mat	erial (TF2))	
	Layers (A5) (LRR C	;)		ed Matrix (F			Oth	er (Explain i	n Remarks	s)	
	ck (A9) (LRR D)			Dark Surfa	` ,						
	Below Dark Surface	e (A11)		ed Dark Su	` '		31 II .				
	rk Surface (A12)			Depression	ns (F8)			ors of hydrop			
	ucky Mineral (S1)		Vernal	Pools (F9)				and hydrolog		•	
Sandy G	leyed Matrix (S4)						unie	ss disturbed	or probler	natic.	
estrictive L	ayer (if present):										
Туре:			=								
Depth (inch	es):		- -				Hydric Soil	Present?	Yes _	1	No X
	es):		- -				Hydric Soil	Present?	Yes _		No X
Depth (inch	es):		-				Hydric Soil	Present?	Yes _	1	No X
Depth (inch			-				Hydric Soil	Present?	Yes _	1	No X
Depth (inch			-					Present?			
Depth (inch demarks: YDROLOG Wetland Hyd	Y .		- - heck all that app	oly)				Secondary l	ndicators	s (2 or mo	ore requ
Depth (inch emarks: YDROLOG Wetland Hyd	eY drology Indicators: eators (minimum of o							Secondary I	Indicators arks (B1)	s (2 or mo	ore requ
Depth (inch emarks: 'DROLOG Vetland Hyd Primary Indic Surface	drology Indicators: cators (minimum of o		Salt Cru	st (B11)				Secondary I	Indicators arks (B1) o	<u>s (2 or mo</u> (Riverine s (B2) (Riv	ore requi
Depth (inch demarks: YDROLOG Wetland Hyd Primary Indic Surface V	drology Indicators: cators (minimum of o Water (A1) ter Table (A2)		Salt Cru	st (B11) rust (B12)	es (B13)			Secondary I Water M Sedimer Drift Dep	Indicators arks (B1) of the Deposits osits (B3)	(2 or mo Riverine (B2) (Riv (Riverine	ore requi
Depth (inch emarks: YDROLOG Wetland Hyd Primary Indic Surface ' High Wa Saturatio	drology Indicators: cators (minimum of o Water (A1) ter Table (A2) on (A3)	ne required; c	Salt Cru Biotic Cr Aquatic	st (B11) rust (B12) Invertebrate	, ,			Secondary I Water M Sedimen Drift Dep	Indicators arks (B1) out the Deposits cosits (B3) and Patterns	(Riverine (B2) (Riverine (Riverine (Riverine	ore requi) verine)
Primary Indice Surface High Water M Water M	drology Indicators: cators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri	ne required; c	Salt Crus Biotic Cr Aquatic Hydroge	st (B11) rust (B12) Invertebrate n Sulfide C	Odor (C1)			Secondary I Water M Sedimer Drift Dep Drainage Dry-Sea:	Indicators arks (B1) at Deposits sosits (B3) Patterns son Water	(Riverine (Riverine (B2) (Riverine (B10) Table (C	ore requi) verine)
YDROLOG YDROLOG Wetland Hyd Primary Indic Surface V High Wa Saturation Water M Sedimen	drology Indicators: cators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri at Deposits (B2) (Nor	ne required; c ine) nriverine)	Salt Cru Biotic Cr Aquatic Hydroge	st (B11) rust (B12) Invertebrate n Sulfide C	Odor (C1) eres along L			Secondary I Water M Sedimen Drift Dep Drainage Dry-Seas	Indicators arks (B1) at Deposits osits (B3) e Patterns son Water ck Surface	(Riverine (B2) (Riverine (Riverine (B10) (B10) Table (C (C7)	ore requi) verine)
YDROLOG Wetland Hyd Surface V High Wa Saturatic Water M Sedimen Drift Dep	drology Indicators: cators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri at Deposits (B2) (Non posits (B3) (Nonriveri	ne required; c ine) nriverine)	Salt Crue Biotic Cr Aquatic Hydroge Oxidized	st (B11) rust (B12) Invertebrate n Sulfide C I Rhizosphe e of Reduc	Odor (C1) eres along L ed Iron (C4)	iving Roc		Secondary I Water M Sedimen Drift Dep Drainage Dry-Seas Thin Muc	Indicators arks (B1) of the Deposits (B3) of Patterns (B3) of Patterns (B4) of the Call of	(Riverine (Riverine (B2) (Riv (Riverine (B10) Table (C (C7) (C8)	ore requipore re
YDROLOG Wetland Hyd Surface V High Wa Saturatio Water M Sedimen Drift Dep Surface S	drology Indicators: cators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri at Deposits (B2) (Noriveri Soil Cracks (B6)	ne required; c ine) nriverine) iine)	Salt Crue Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I	st (B11) rust (B12) Invertebrate rn Sulfide C I Rhizosphe e of Reduct ron Reduct	Odor (C1) eres along L ed Iron (C4) tion in Tilled	iving Roc		Secondary I Water M Sedimen Drift Dep Drainage Dry-Sea: Thin Muc Crayfish Saturatic	arks (B1) of the properties of	(Riverine (Riverine (B2) (Riv (Riverine (B10) Table (C (C7) (C8) on Aerial	ore requipore re
YDROLOG Wetland Hyd Primary Indic Surface High Wa Saturatic Water M. Sedimen Drift Dep Surface	drology Indicators: cators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri at Deposits (B2) (Noriveri posits (B3) (Nonriveri Soil Cracks (B6)	ne required; c ine) nriverine) iine)	Salt Crue Biotic Cr Aquatic Hydroge Oxidized Presence Recent I	st (B11) rust (B12) Invertebrate rn Sulfide C I Rhizosphe e of Reduct ron Reduct ck Surface	Odor (C1) eres along L ed Iron (C4) tion in Tilled (C7)	iving Roc		Secondary I Water M Sedimen Drift Dep Drainage Dry-Sea: Thin Muc Crayfish Saturatic Shallow	Indicators arks (B1) of the Deposits (B3) of the Patterns of Son Water Ck Surface Burrows (on Visible of Aquitard (I	(Riverine (Riverine (B2) (Riverine (B10) Table (C (C7) C8) on Aerial I	ore requipore re
YDROLOG Wetland Hyd Primary Indic Surface High Wa Saturatio Water M Sedimen Drift Dep Surface Inundatio	drology Indicators: cators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri at Deposits (B2) (Noriveri Soil Cracks (B6)	ne required; c ine) nriverine) iine)	Salt Crue Biotic Cr Aquatic Hydroge Oxidized Presence Recent I	st (B11) rust (B12) Invertebrate rn Sulfide C I Rhizosphe e of Reduct ron Reduct	Odor (C1) eres along L ed Iron (C4) tion in Tilled (C7)	iving Roc		Secondary I Water M Sedimen Drift Dep Drainage Dry-Sea: Thin Muc Crayfish Saturatic Shallow	arks (B1) of the properties of	(Riverine (Riverine (B2) (Riverine (B10) Table (C (C7) C8) on Aerial I	ore requipore re
YDROLOG Wetland Hyd Primary Indic Surface V High Wa Saturatic Water M Sedimen Drift Dep Surface Surfac	drology Indicators: cators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri at Deposits (B2) (Non cosits (B3) (Nonriveri Soil Cracks (B6) on Visible on Aerial Intained Leaves (B9)	ne required; c ine) nriverine) iine)	Salt Crue Biotic Cr Aquatic Hydroge Oxidized Presence Recent I	st (B11) rust (B12) Invertebrate rn Sulfide C I Rhizosphe e of Reduct ron Reduct ck Surface	Odor (C1) eres along L ed Iron (C4) tion in Tilled (C7)	iving Roc		Secondary I Water M Sedimen Drift Dep Drainage Dry-Sea: Thin Muc Crayfish Saturatic Shallow	Indicators arks (B1) of the Deposits (B3) of the Patterns of Son Water Ck Surface Burrows (on Visible of Aquitard (I	(Riverine (Riverine (B2) (Riverine (B10) Table (C (C7) C8) on Aerial I	ore requipore re
YDROLOG Wetland Hyd Primary Indic Surface V High Wa Saturatic Water M Sedimen Drift Dep Surface Surfac	drology Indicators: cators (minimum of or Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri at Deposits (B2) (Nor cosits (B3) (Nonriveri Soil Cracks (B6) on Visible on Aerial In tained Leaves (B9)	ne required; c	Salt Cru: Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebrate In Sulfide C I Rhizosphe e of Reduct ron Reduct ck Surface xplain in Re	Odor (C1) eres along L ed Iron (C4) tion in Tilled (C7)	iving Roc		Secondary I Water M Sedimen Drift Dep Drainage Dry-Sea: Thin Muc Crayfish Saturatic Shallow	Indicators arks (B1) of the Deposits (B3) of the Patterns of Son Water Ck Surface Burrows (on Visible of Aquitard (I	(Riverine (Riverine (B2) (Riverine (B10) Table (C (C7) C8) on Aerial I	ore requipore re
YDROLOG Wetland Hyd Primary Indic Surface V High Wa Saturatio Water M Sedimen Drift Dep Surface S Inundatio Water-St	drology Indicators: cators (minimum of or Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri at Deposits (B2) (Nor cosits (B3) (Nonriveri Soil Cracks (B6) on Visible on Aerial In tained Leaves (B9) rations:	ne required; c	Salt Crue Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebrate In Sulfide C I Rhizosphe e of Reduct ron Reduct ck Surface xplain in Re	Odor (C1) eres along L ed Iron (C4) tion in Tilled (C7)	iving Roc		Secondary I Water M Sedimen Drift Dep Drainage Dry-Sea: Thin Muc Crayfish Saturatic Shallow	Indicators arks (B1) of the Deposits (B3) of the Patterns of Son Water Ck Surface Burrows (on Visible of Aquitard (I	(Riverine (Riverine (B2) (Riverine (B10) Table (C (C7) C8) on Aerial I	ore requipore re
Primary Indices Surfaces High Was Saturation Water M. Sediment Drift Dep Surfaces Inundation Water-St Seld Observe Surface Water Vater Table F Saturation Pres	drology Indicators: cators (minimum of or Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri at Deposits (B2) (Non posits (B3) (Nonriveri Soil Cracks (B6) on Visible on Aerial Intained Leaves (B9) retained Leaves (B9) retainer: Present? Yesent? Yesent?	ine) Inriverine) Imagery (B7) Images Notes	Salt Cru: Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebrate In Sulfide C I Rhizosphe e of Reduct ron Reduct ck Surface xplain in Re ches): ches):	Odor (C1) eres along L ed Iron (C4) tion in Tilled (C7)	iving Roo		Secondary I Water M Sedimen Drift Dep Drainage Dry-Sea: Thin Muc Crayfish Saturatic Shallow	Indicators arks (B1) of the Deposits (B3) of Patterns (B4) of the Patter	(Riverine (Riverine (B2) (Riverine (B10) Table (C (C7) C8) on Aerial I	ore requi) verine) e) 2)
Primary Indices Saturation Water Surface Water-Street Water Table Facuration Preincludes caping and some production of the company of the com	drology Indicators: cators (minimum of or Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri at Deposits (B2) (Non posits (B3) (Nonriveri Soil Cracks (B6) on Visible on Aerial Intained Leaves (B9) retained Leaves (B9) retained: Present? Yesent? Yesent? Yesent? Yesent? Yesent?	ne required; c	Salt Crue Biotic Cr Aquatic Hydroge Oxidized Presence Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebrate rn Sulfide C I Rhizosphe e of Reduct ron Reduct ck Surface explain in Re ches): ches): ches):	Odor (C1) eres along L ed Iron (C4) tion in Tilled (C7) emarks)	iving Roo Soils (C6	ots (C3)	Secondary I Water M Sedimer Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatic Shallow FAC-Neu	Indicators arks (B1) of the Deposits (B3) of Patterns (B4) of the Patter	(Riverine (Riverine (B2) (Riverine (B10) Table (C (C7) C8) on Aerial I	ore requi) verine) e) 2)
Primary Indices Saturation Water Surface Water-Street Water Table Facuration Preincludes caping and some production of the company of the com	drology Indicators: cators (minimum of or Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri at Deposits (B2) (Non posits (B3) (Nonriveri Soil Cracks (B6) on Visible on Aerial Intained Leaves (B9) retained Leaves (B9) retainer: Present? Yesent? Yesent?	ne required; c	Salt Crue Biotic Cr Aquatic Hydroge Oxidized Presence Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebrate rn Sulfide C I Rhizosphe e of Reduct ron Reduct ck Surface explain in Re ches): ches): ches):	Odor (C1) eres along L ed Iron (C4) tion in Tilled (C7) emarks)	iving Roo Soils (C6	ots (C3)	Secondary I Water M Sedimer Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatic Shallow FAC-Neu	Indicators arks (B1) of the Deposits (B3) of Patterns (B4) of the Patter	(Riverine (Riverine (B2) (Riverine (B10) Table (C (C7) C8) on Aerial I	ore requi) verine) e) 2)
Primary Indices Surface Water Mater Mater Surface Surf	drology Indicators: cators (minimum of or Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri at Deposits (B2) (Non posits (B3) (Nonriveri Soil Cracks (B6) on Visible on Aerial Intained Leaves (B9) retained Leaves (B9) retained: Present? Yesent? Yesent? Yesent? Yesent? Yesent?	ne required; c	Salt Crue Biotic Cr Aquatic Hydroge Oxidized Presence Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebrate rn Sulfide C I Rhizosphe e of Reduct ron Reduct ck Surface explain in Re ches): ches): ches):	Odor (C1) eres along L ed Iron (C4) tion in Tilled (C7) emarks)	iving Roo Soils (C6	ots (C3)	Secondary I Water M Sedimer Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatic Shallow FAC-Neu	Indicators arks (B1) of the Deposits (B3) of Patterns (B4) of the Patter	(Riverine (Riverine (B2) (Riverine (B10) Table (C (C7) C8) on Aerial I	ore requi) verine) e) 2)
Primary Indice Surface High Wa Saturation Water M Sediment Drift Dep Surface Inundation Water-St Sield Observ Surface Water Vater Table F Saturation Pre Includes capi	drology Indicators: cators (minimum of or Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri at Deposits (B2) (Non posits (B3) (Nonriveri Soil Cracks (B6) on Visible on Aerial Intained Leaves (B9) retained Leaves (B9) retained: Present? Yesent? Yesent? Yesent? Yesent? Yesent?	ne required; c	Salt Crue Biotic Cr Aquatic Hydroge Oxidized Presence Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebrate rn Sulfide C I Rhizosphe e of Reduct ron Reduct ck Surface explain in Re ches): ches): ches):	Odor (C1) eres along L ed Iron (C4) tion in Tilled (C7) emarks)	iving Roo Soils (C6	ots (C3)	Secondary I Water M Sedimer Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatic Shallow FAC-Neu	Indicators arks (B1) of the Deposits (B3) of Patterns (B4) of the Patter	(Riverine (Riverine (B2) (Riverine (B10) Table (C (C7) C8) on Aerial I	ore requi) verine) e) 2)
Depth (inchemarks: (DROLOG Vetland Hyder Indication Water Mater State Inundation Water State Inundation Water Table Faturation Predicted Secribe Recombers 1986)	drology Indicators: cators (minimum of or Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri at Deposits (B2) (Non posits (B3) (Nonriveri Soil Cracks (B6) on Visible on Aerial Intained Leaves (B9) retained Leaves (B9) retained: Present? Yesent? Yesent? Yesent? Yesent? Yesent?	ne required; c	Salt Crue Biotic Cr Aquatic Hydroge Oxidized Presence Recent I Thin Mu Other (E	st (B11) rust (B12) Invertebrate rn Sulfide C I Rhizosphe e of Reduct ron Reduct ck Surface explain in Re ches): ches): ches):	Odor (C1) eres along L ed Iron (C4) tion in Tilled (C7) emarks)	iving Roo Soils (C6	ots (C3)	Secondary I Water M Sedimer Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatic Shallow FAC-Neu	Indicators arks (B1) of the Deposits (B3) of Patterns (B4) of the Patter	(Riverine (Riverine (B2) (Riverine (B10) Table (C (C7) C8) on Aerial I	ore requi) verine) e) 2)

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	0	Sam	pling Date	6/16/2	3
Applicant/Owner: Tri Point Homes				State:	CA Sam	npling Poin	t: <u>252-U</u>	PL
Investigator(s): Andrew Smisek		Section,	Township, R	ange: Section 31,	T18S R01W	1		
Landform (hillslope, terrace, etc.): mesa		Local rel	ief (concave,	convex, none): no	ne	Slo	pe (%):	0
Subregion (LRR): C	Lat:	32.55860		Long: -117.0270	4	Datu	ım: <u>NAD</u>	83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI class	sification: ne	one		
Are climatic / hydrologic conditions on the site typical for	this time of	f year? Yes	x No	o (If no, exp	olain in Rem	arks.)		
Are Vegetation , Soil , or Hydrology	signif	icantly disturb	ed?	Are "Normal Circum	stances" pr	esent? Ye	s x	No
Are Vegetation, Soil, or Hydrology	natur	ally problemat	tic?	(If needed, explain a	any answers	in Remark	(s.)	
SUMMARY OF FINDINGS – Attach site map sh	owing sa	mpling poir	nt location	s, transects, imp	ortant fea	tures, etc).	
Hydrophytic Vegetation Present? Yes	No x							
Hydric Soil Present? Yes	No x		ne Sampled nin a Wetlan	Y	es	No	(
Wetland Hydrology Present? Yes	No x		iiii a vvotiaii	u.				
VEGETATION – Use scientific names of plants								
<u>Tree Stratum</u> (Plot size:) 1.	Absolute % Cover	Dominant Species?	Indicator Status	Number of Domir That Are OBL, FA	nant Species	3	0	(A)
2				Total Number of Species Across A	Dominant		4	(B)
4.				Percent of Domin				
		= Total Cove	er	That Are OBL, FA	ACW, or FA	O:	0	(A/B)
Sapling/Shrub Stratum (Plot size:)								
1. Artemisia californica	15	Υ	UPL	Prevalence Inde	x workshee	et:		
2				Total % Cove	er of:	Mult	iply by:	_
3				OBL species	0	x 1 =	0	_
4				FACW species	0	x 2 =	0	_
5				FAC species	0	x 3 =	0	_
Harb Charture (Districe)	15	= Total Cove	er	FACU species	36	x 4 =	144	_
Herb Stratum (Plot size:)	15	V	FACIL	UPL species Column Totals:	22 58	x 5 = (A)	110 154	(P)
Festuca myuros Erodium botrys	10	<u> </u>	FACU FACU	Column Totals.	36	(A)	104	(B)
3. Bromus rubens	1	N	UPL	Prevalend	ce Index = B	/A = <u>4.4</u>		_
4. Logfia gallica	3	N	UPL	Hydrophytic Ve	netation Inc	licators:		
5. Hypochaeris glabra	1	N	FACU		e Test is >50			
6. Glebionis coronaria	2	N	UPL		e Index is ≤3			
7. Deinandra fasciculata	10	Y	FACU		ical Adaptati		ide sunn	ortina
8. Centaurea melitensis	1	N	UPL		Remarks or	,		-
	43	= Total Cov		Problemati	c Hydrophyt	ic Vegetati	on¹ (Exp	lain)
Woody Vine Stratum (Plot size:)					. ,		- (1	,
1				¹ Indicators of hy be present, unle				must
	58	= Total Cove	er	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum	ver of Biotic	: Crust		Present?	Yes	N	lo_x	
Remarks: The sample area does not support a predom	inance of h	ydrophytic veç	getation.	1				

SOIL Sampling Point: 252-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Featu	res		_				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textur	e	Rei	marks	
0-10	10YR 3/3						sandy loa	m no	redox		
-							-				
	-										
	-						_				
		·									
¹ Type: C=Cor	ncentration, D=Depletion	n RM=Reduce	ed Matrix CS=Covere	d or Coated	Sand Grain	s 2	l ocation: PI =	Pore Lining	, RC=Root Char	nel M=Matrix	
	Indicators: (Applic					J.			blematic Hyd		
Histosol		abic to all L		Redox (S5)					9) (LRR C)	inc dons .	
	pipedon (A2)			d Matrix (S6					10) (LRR B)		
	istic (A3)			Mucky Mine	,			luced Vert			
	en Sulfide (A4)			Gleyed Mat					aterial (TF2)		
	d Layers (A5) (LRR	C)		d Matrix (F:					in Remarks)		
	uck (A9) (LRR D)	U)		Dark Surfac	,			or (Explain	· · · · · · · · · · · · · · · · · · ·		
	d Below Dark Surfac	ce (A11)		d Dark Sur	` '						
	ark Surface (A12)	,		Depression			3Indicate	ors of hydr	ophytic vegeta	ition and	
	Mucky Mineral (S1)		Vernal I	Pools (F9)	()			•	ogy must be p		
	Gleyed Matrix (S4)			` ,				•	ed or problema		
Postrictivo	Layer (if present):								-		
	ovel refusal										
							Hudria Sail	Drocont?	Voc	No. v	,
Depth (inc	nes). 10						Hydric Soil	Present?	Yes	Nox	
HYDROLOG	3 Y										
Wetland Hy	drology Indicators	:					9	Secondar	y Indicators (2	2 or more req	uired)
Primary Indi	cators (minimum of	one required	; check all that app	ly)				Water	Marks (B1) (R	iverine)	
	Water (A1)		Salt Crus					 Sedim	ent Deposits (E	32) (Riverine)	
	ater Table (A2)			ust (B12)			-		eposits (B3) (R	, ,	
Saturati	` ,			nvertebrate	e (B13)		_		ge Patterns (B		
	//arks (B1) (Nonrive	rine)		n Sulfide O	` ,		=		ason Water Ta		
	nt Deposits (B2) (N o			Rhizosphe		Livina Po	otc (C3)		uck Surface (0		
	posits (B3) (Nonrive	,		e of Reduce	·	·	013 (03)		th Burrows (C8	,	
		::::ic)			•	,	<u>-</u>		•	•	, (CO)
	Soil Cracks (B6)	Imagan, (DZ)	·	ron Reducti		J Solis (C	o) <u> </u>			Aerial Imagery	y (C9)
	ion Visible on Aerial	illiagely (D7)		ck Surface (-		w Aquitard (D3	•	
vvater-s	Stained Leaves (B9)		Other (E	xplain in Re	emarks)		=	FAC-N	eutral Test (D	0)	
Field Obser											
Surface Wat			No Depth (inc	:hes):							
Water Table	Present?	Yes	No Depth (inc	:hes):							
Saturation P		Yes	No Depth (inc	:hes):		Wetla	and Hydrolo	gy Prese	nt? Yes_	No	X
(includes cap											
Describe Rec	orded Data (stream	gauge, monit	toring well, aerial pl	notos, previ	ious inspe	ctions), if	available:				
Remarks: No	wetland hydrology	ndicators obs	served.								
rtomanto. Ito	Wolland Hydrology	indicatoro obt	501 7 0 d.								

Project/Site: Southwest Village Specific Plan Project		City/County	r: San Diege	0	Sampling Date	e: August 17,2023
Applicant/Owner: Tri Point Homes				State: CA	Sampling Poir	nt: <u>254-UPL</u>
Investigator(s): Andrew Smisek		Section, T	ownship, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local relie	f (concave,	convex, none): slightly of	convex SI	ope (%): 3
Subregion (LRR): C	Lat: 3	32.55813		Long: -117.02846	Dat	tum: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9 % slopes				NWI classificat	ion: none	
Are climatic / hydrologic conditions on the site typical for	or this time of	year? Yes _	X No	(If no, explain i	n Remarks.)	
Are Vegetation, Soil, or Hydrology _	signifi	cantly disturbe	d? /	Are "Normal Circumstand	es" present? Ye	es X No
Are Vegetation, Soil, or Hydrology _	natura	ally problematio	;? ((If needed, explain any ar	nswers in Remai	rks.)
SUMMARY OF FINDINGS – Attach site map s	howing sa	mpling point	locations	s, transects, importa	nt features, et	c.
Hydrophytic Vegetation Present? Yes	No X					
Hydric Soil Present? Yes	No X		e Sampled <i>i</i> n a Wetland	Yes	No	X
Wetland Hydrology Present? Yes	No X		i a vveuaii	u:		
Remarks: Upland sample point paired to feature #254 VEGETATION – Use scientific names of plant		nt. This sample	a area is no	ot a wetiand.		
	Absolute	Dominant	Indicator	Dominance Test worl	ksheet:	
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant S		
1. none				That Are OBL, FACW,	or FAC:	0 (A)
				Total Number of Domin Species Across All Stra		
3.				Percent of Dominant S		1(B)
4		Tatal Causa		That Are OBL, FACW,		0 (A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cover				
1. Eriogonum fasciculatum	<1	N	UPL	Prevalence Index wo	rksheet:	
Artemesia californica	<1		UPL	Total % Cover of:		Itiply by:
3.				OBL species	x 1 =	
4.	• =====================================			FACW species		
5.				FAC species		
		= Total Cover		FACU species		
Herb Stratum (Plot size:)				UPL species	x 5 =	
Deinandra fasciculata	60	Y	FACU	Column Totals:	(A)	(B)
2. Erodium botrys	10	N	FACU	Prevalence Ind	ex = B/A =	
3. Lepidium sp.	<1	N	UPL			
4. Bromus rubens	12	N	UPL	Hydrophytic Vegetati	on Indicators:	
5. Amsinckia menziesii	<1	N	UPL	Dominance Test		
6.				Prevalence Inde		
7				Morphological A	daptations¹ (Pro arks or on a sepa	
8	82	Total Cova			·	,
Woody Vine Stratum (Plot size:)		= Total Cove	I	Problematic Hyd	iropnytic vegeta	แon (Explain)
				¹ Indicators of hydric s	oil and wetland h	ovdrology must
1				be present, unless dis		
2		= Total Cover		Hydrophytic		
W. David Constant Line Line Constant				Vegetation	/	N. V
	over of Biotic	Crust		Present?	/es	No <u>X</u>
Remarks:						

SOIL Sampling Point: 254-UPL

Depth	Matrix				ures		_		_		
(inches)	Color (moist)	%	Color (moist	t) %	Type ¹	Loc ²	Texture		Ren	narks	
0-4	7.5YR 3/3	100					sandy clay loam	no red	lox		
4-18	10YR 3/2	100						no red	lox		
			-								
					 -						
							-				
	oncentration, D=Depletion					s. ² l	ocation: PL=Po				х.
Histos	il Indicators: (Applica	able to all		ndy Redox (S5				Muck (A9) (ematic Hyd	ric Solis".	
	Epipedon (A2)			pped Matrix (S	,			Muck (A9) (Muck (A10)			
	Histic (A3)			amy Mucky Mir	,			ced Vertic (. ,		
	gen Sulfide (A4)			my Gleyed Ma				arent Mate	,		
Stratifi	ed Layers (A5) (LRR C	;)	Dep	oleted Matrix (I	F3)		Other	(Explain in	Remarks)		
1 cm N	Muck (A9) (LRR D)		Red	dox Dark Surfa	ace (F6)						
	ed Below Dark Surface	e (A11)		oleted Dark Su	` ,						
	Dark Surface (A12)			dox Depression					nytic vegetat		
	Mucky Mineral (S1)		Ver	nal Pools (F9)					y must be pr or problema		
	Gleyed Matrix (S4)						uniess	uistui Deu t	or problema	iic.	
Ractrictive	Layer (if present):										
	Layer (ii present).										
Type:							11-12- 0-1D		V	NI-	V
Type: Depth (in							Hydric Soil P	resent?	Yes	No_	X
Type: Depth (in							Hydric Soil P	resent?	Yes	No_	X
Type: _ Depth (in Remarks:	ches):						Hydric Soil P	resent?	Yes	No _	X
Type: Depth (in Remarks:	ches):						,		Yes		
Type:	ches): OGY Hydrology Indicators: dicators (minimum of c		d; check all that	apply)			,	condary Ir _Water Ma	ndicators (2 rks (B1) (Ri	or more r	equired
Type:	ches): OGY Hydrology Indicators: dicators (minimum of come Water (A1)		Salt	Crust (B11)			,	condary Ir Water Ma Sediment	ndicators (2 rrks (B1) (Ri Deposits (B	or more r verine) 2) (Riverin	equired
Type:	ody Indicators: dicators (minimum of compare Water (A1) Vater Table (A2)		Salt Bioti	Crust (B11) c Crust (B12)			,	condary Ir Water Ma Sediment Drift Depo	ndicators (2 rks (B1) (Ri Deposits (B osits (B3) (R	or more r verine) 2) (Riverin iverine)	equired
Type: Depth (in Remarks:	odes):	one require	Salt Bioti Aqua	Crust (B11) c Crust (B12) atic Invertebrat	` ,		,	condary Ir Water Ma Sediment Drift Depo	ndicators (2 rks (B1) (Ri Deposits (B osits (B3) (R Patterns (B	or more r verine) 2) (Riverin iverine)	equired
Type:	ody Indicators: dicators (minimum of complete Water (A1) Vater Table (A2) Intion (A3) Marks (B1) (Nonriver	ne require	Salt Bioti Aqua Hydr	Crust (B11) c Crust (B12) atic Invertebrat rogen Sulfide (Odor (C1)		<u>Se</u>	condary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease	ndicators (2 rks (B1) (Ri Deposits (B osits (B3) (R Patterns (B on Water Ta	or more r verine) 2) (Riverine) iverine) 10) ble (C2)	equired
Type: Depth (in Remarks: HYDROLO Wetland H Primary InSurfacHigh VSaturaWaterSedim	ches): OGY Nydrology Indicators: dicators (minimum of content (A1)) Vater Table (A2) Intion (A3) Marks (B1) (Nonriver ent Deposits (B2) (No	ine require ine) nriverine)	Salt Bioti Aqua Hydi Oxid	Crust (B11) c Crust (B12) atic Invertebrat rogen Sulfide (lized Rhizosph	Odor (C1) eres along	•	<u>Se</u>	condary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Mucl	ndicators (2 rks (B1) (Ri Deposits (B sits (B3) (R Patterns (B' on Water Ta	or more r verine) 2) (Riverine) iverine) 10) ble (C2) 7)	equired
Type:	ches): OGY Hydrology Indicators: dicators (minimum of compared to the Water (A1) Vater Table (A2) Attion (A3) Marks (B1) (Nonriver ent Deposits (B2) (Nonriver eposits (B3) (Nonriver	ine require ine) nriverine)	Salt Bioti Aqua Hydi Oxid	Crust (B11) c Crust (B12) atic Invertebrat rogen Sulfide (lized Rhizosph ence of Reduce	Odor (C1) heres along ced Iron (C4	!)	Se	condary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Mucl Crayfish E	ndicators (2 rks (B1) (Ri Deposits (B sits (B3) (R Patterns (B' on Water Ta k Surface (C Burrows (C8	or more r verine) 2) (Riverin iverine) 10) ble (C2) 7)	equired
Type:	ches): DGY Industry Indicators: dicators (minimum of complete Water (A1) Vater Table (A2) Intion (A3) Marks (B1) (Nonriver ent Deposits (B2) (None eposits (B3) (Nonriver ent Soil Cracks (B6)	ine) nriverine) rine)	Salt Bioti Aqua Hydr Oxid	Crust (B11) c Crust (B12) atic Invertebrat rogen Sulfide (lized Rhizosph eence of Reducent Iron Reducent	Odor (C1) heres along ced Iron (C4 ction in Tilled	!)	Se	condary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Muck Crayfish E	ndicators (2 rks (B1) (Ri Deposits (B Desits (B3) (R Patterns (B' on Water Ta k Surface (C Burrows (C8 on Visible on A	or more r verine) 2) (Riverin iverine) 10) ble (C2) 7) Aerial Imaç	equired
Type:	dicators (minimum of complete (A2) (Monriver ent Deposits (B3) (Nonriver en Soil Cracks (B6) (Monriver en Carlotton (B6)) (Monriver en Carlotton (B7)) (Monriver en Carlotton (B8)) (Monriver en Carlotton (B6)) (Monriver	ine) nriverine) rine)	Salt Bioti Aqua Hyda Oxid Pres Reco Thin	Crust (B11) c Crust (B12) atic Invertebrat rogen Sulfide (lized Rhizosph sence of Reduce ent Iron Reduce Muck Surface	Odor (C1) neres along ced Iron (C4 ction in Tilled	!)	Se	condary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Mucl Crayfish E Saturatior Shallow A	ndicators (2 rks (B1) (Ri Deposits (B sosits (B3) (R Patterns (B on Water Ta k Surface (C Burrows (C8 n Visible on A quitard (D3)	or more r verine) 2) (Riverin iverine) 10) ble (C2) 7)) Aerial Imaç	equired
Type:	ches): DGY Industry Indicators: dicators (minimum of complete Water (A1) Vater Table (A2) Intion (A3) Marks (B1) (Nonriver ent Deposits (B2) (None eposits (B3) (Nonriver ent Soil Cracks (B6)	ine) nriverine) rine)	Salt Bioti Aqua Hyda Oxid Pres Reco Thin	Crust (B11) c Crust (B12) atic Invertebrat rogen Sulfide (lized Rhizosph eence of Reducent Iron Reducent	Odor (C1) neres along ced Iron (C4 ction in Tilled	!)	Se	condary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Mucl Crayfish E Saturatior Shallow A	ndicators (2 rks (B1) (Ri Deposits (B Desits (B3) (R Patterns (B' on Water Ta k Surface (C Burrows (C8 on Visible on A	or more r verine) 2) (Riverin iverine) 10) ble (C2) 7)) Aerial Imaç	equired
Type: Depth (in Remarks:	ches): OGY Hydrology Indicators: dicators (minimum of complete (A2) Aution (A3) Marks (B1) (Nonriver ent Deposits (B2) (Noneposits (B3) (Nonriver es Soil Cracks (B6) Aution Visible on Aerial I Stained Leaves (B9) Ervations:	ine) nriverine) rine) magery (B	Salt Bioti Aqua Hydr Oxid Pres Recr 7) Thin	Crust (B11) c Crust (B12) atic Invertebrat rogen Sulfide (lized Rhizosph sence of Reduce ent Iron Reducent Iron Reducent Surface er (Explain in Reducent Iron Reducent Ir	Odor (C1) neres along ced Iron (C4 ction in Tilled	!)	Se	condary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Mucl Crayfish E Saturatior Shallow A	ndicators (2 rks (B1) (Ri Deposits (B sosits (B3) (R Patterns (B on Water Ta k Surface (C Burrows (C8 n Visible on A quitard (D3)	or more r verine) 2) (Riverin iverine) 10) ble (C2) 7)) Aerial Imaç	equired
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Type: Depth (in Remarks:	ches): DGY Industry	ine) nriverine) rine) magery (B	Salt Bioti Aqua Hydron Oxid Pres Record Thin Other No X Depth No X Depth Depth No X Depth Dept	Crust (B11) c Crust (B12) atic Invertebrat rogen Sulfide (lized Rhizosph sence of Reduce ent Iron Reduce Muck Surface er (Explain in Reduce) in (inches):	Odor (C1) peres along ced Iron (C ² ction in Tilled (C7) Remarks)	I) d Soils (C6	Se	condary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Mucl Crayfish E Saturatior Shallow A	ndicators (2 rks (B1) (Ri Deposits (B sosits (B3) (R Patterns (B on Water Ta k Surface (C Burrows (C8 n Visible on A quitard (D3) tral Test (D5	or more r verine) 2) (Riverin iverine) 10) ble (C2) 7)) Aerial Imaç	equired ne)
Type: Depth (in Remarks:	ches): DGY Industry Indicators: dicators (minimum of context) dicators (minimum of context) dicators (minimum of context) dicators (minimum of context) dicators (minimum of context) dicators (minimum of context) dicators (minimum of context) dicators (Manimum of context) dicators (Minimum of context) dicators (Manimum of context) di	ine) nriverine) rine) magery (B es es es	Salt Bioti Aqua Hydron Aqua Hydron Pres Record Thin Other Other No X Depth No X Depth No X Depth No X Depth No X Depth No X Depth No X Depth No X Depth Depth No X Depth No X Depth No X Depth No X Depth No X Depth No X Depth No X Depth Depth No X	Crust (B11) c Crust (B12) atic Invertebrat rogen Sulfide (lized Rhizosph ence of Reduce ent Iron Reduce Muck Surface er (Explain in Reduce) (inches): (inches):	Odor (C1) heres along ced Iron (C2 tion in Tiller (C7) Remarks)	d Soils (C6	ots (C3)	condary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Mucl Crayfish E Saturatior Shallow A	ndicators (2 rks (B1) (Ri Deposits (B sosits (B3) (R Patterns (B on Water Ta k Surface (C Burrows (C8 n Visible on A quitard (D3) tral Test (D5	or more r verine) 2) (Riverin iverine) 10) ble (C2) 7)) Aerial Imag	equired ne) gery (C9)
Type: Depth (in Remarks:	ches): DGY Industry	ine) nriverine) rine) magery (B es es es	Salt Bioti Aqua Hydron Aqua Hydron Pres Record Thin Other Other No X Depth No X Depth No X Depth No X Depth No X Depth No X Depth No X Depth No X Depth Depth No X Depth No X Depth No X Depth No X Depth No X Depth No X Depth No X Depth Depth No X	Crust (B11) c Crust (B12) atic Invertebrat rogen Sulfide (lized Rhizosph ence of Reduce ent Iron Reduce Muck Surface er (Explain in Reduce) (inches): (inches):	Odor (C1) heres along ced Iron (C2 tion in Tiller (C7) Remarks)	d Soils (C6	ots (C3)	condary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Mucl Crayfish E Saturatior Shallow A	ndicators (2 rks (B1) (Ri Deposits (B sosits (B3) (R Patterns (B on Water Ta k Surface (C Burrows (C8 n Visible on A quitard (D3) tral Test (D5	or more r verine) 2) (Riverin iverine) 10) ble (C2) 7)) Aerial Imag	equired ne) gery (C9)
Type: Depth (in Remarks:	ches): DGY Industry	ine) nriverine) rine) magery (B es es es	Salt Bioti Aqua Hydron Aqua Hydron Pres Record Thin Other Other No X Depth No X Depth No X Depth No X Depth No X Depth No X Depth No X Depth No X Depth Depth No X Depth No X Depth No X Depth No X Depth No X Depth No X Depth No X Depth Depth No X	Crust (B11) c Crust (B12) atic Invertebrat rogen Sulfide (lized Rhizosph ence of Reduce ent Iron Reduce Muck Surface er (Explain in Reduce) (inches): (inches):	Odor (C1) heres along ced Iron (C2 tion in Tiller (C7) Remarks)	d Soils (C6	ots (C3)	condary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Mucl Crayfish E Saturatior Shallow A	ndicators (2 rks (B1) (Ri Deposits (B sosits (B3) (R Patterns (B on Water Ta k Surface (C Burrows (C8 n Visible on A quitard (D3) tral Test (D5	or more r verine) 2) (Riverin iverine) 10) ble (C2) 7)) Aerial Imag	equired ne) gery (C9)
Type: Depth (in Remarks:	ches): DGY Industry	ine) nriverine) rine) magery (B es es es	Salt Bioti Aqua Hydron Aqua Hydron Pres Record Thin Other Other No X Depth No X Depth No X Depth No X Depth No X Depth No X Depth No X Depth No X Depth Depth No X Depth No X Depth No X Depth No X Depth No X Depth No X Depth No X Depth Depth No X	Crust (B11) c Crust (B12) atic Invertebrat rogen Sulfide (lized Rhizosph ence of Reduce ent Iron Reduce Muck Surface er (Explain in Reduce) (inches): (inches):	Odor (C1) heres along ced Iron (C2 tion in Tiller (C7) Remarks)	d Soils (C6	ots (C3)	condary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Mucl Crayfish E Saturatior Shallow A	ndicators (2 rks (B1) (Ri Deposits (B sosits (B3) (R Patterns (B on Water Ta k Surface (C Burrows (C8 n Visible on A quitard (D3) tral Test (D5	or more r verine) 2) (Riverin iverine) 10) ble (C2) 7)) Aerial Imag	equired ne) gery (C9

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	o, CA	_Sampling Date:	August 8, 2023			
Applicant/Owner: Tri Pointe Homes			State: CA Sampling Point: 259-UPL						
Investigator(s): Andrew Smisek, Danelle Gadia		Section,	Township, R	ange: Section 31,T18S	R01W				
Landform (hillslope, terrace, etc.): Mesa		Local rel	ief (concave,	convex, none): None	Slo	pe (%): <u>0</u>			
Subregion (LRR): LRR-C	Lat:	32.55199		Long: -117.01839	Datu	m: <u>NAD 83</u>			
Soil Map Unit Name: Huerhuero loam, 2-9 % slopes				NWI classificati	ion: None				
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	o(If no, explain ii	n Remarks.)				
Are Vegetation, Soil, or Hydrology	signif	icantly disturb	ed?	Are "Normal Circumstanc	es" present? Yes	X No			
Are Vegetation, Soil, or Hydrology	natura	ally problemat	ic?	(If needed, explain any ar	nswers in Remark	s.)			
SUMMARY OF FINDINGS – Attach site map sl	howing sa	mpling poir	nt locations	s, transects, importar	nt features, etc	·-			
Hydrophytic Vegetation Present? Yes	No X			_					
Hydric Soil Present? Yes	No X		ie Sampled in a Wetlan	Yes	No X	<u> </u>			
Wetland Hydrology Present? Yes	No X		iiii a vvetiaii	u:					
Remarks: Upland sample point paired to feature #259 VEGETATION – Use scientific names of plants	s.								
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work					
1. none	70 OOVCI	Орсскоз:	Otatus	Number of Dominant S That Are OBL, FACW,	pecies or FAC:	1 (A)			
2				Total Number of Domir Species Across All Stra	nant	, , ,			
4.		= Total Cove	er	Percent of Dominant S That Are OBL, FACW,	pecies	2 (B) 50% (A/B)			
Sapling/Shrub Stratum (Plot size:)									
1. none				Prevalence Index wor	ksheet:				
2				Total % Cover of:		ply by:			
3				OBL species					
4				FACW species					
5				FAC species					
Howh Chrotupe (Diet eine		= Total Cove	er	FACU species					
Herb Stratum (Plot size:) 1. Avena sp.	50	Υ	UPL	UPL species Column Totals:	X 5 =	(B)			
Averia sp. Bromus diandrus	10	N	UPL	Coldinii Totals.	(^)	(b)			
3. Festuca perennis	25	Y	FAC	Prevalence Inde	ex = B/A =				
4. Hordeum marinum	5	N	FAC	Hydrophytic Vegetation	on Indicators:				
5. Distichlis spicata	10	N	FAC	Dominance Test					
6.	-			Prevalence Inde					
7					daptations¹ (Provi				
Woody Vine Stratum (Plot size:	100	= Total Cov	er	Problematic Hyd	rophytic Vegetation	on¹ (Explain)			
4				¹ Indicators of hydric so	oil and watland by	drology must			
2				be present, unless dis					
		= Total Cove	er	Hydrophytic Vegetation	,				
	over of Biotic	Crust		Present?	'esN	oX			
Remarks:									

SOIL Sampling Point: 259-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches)	Color (moist)	%	Color (moist)	% Type	Loc ²	- Texture	Remarks
10	10YR 4/3	100	` '			clay	no redox
-10	1011(4/0					oldy	TIO TOGOX
	<u> </u>					_: :	- ·
							<u> </u>
	- -			 			
	-						. .
							- ·
						_ ,	
¹ Type: C=Co	oncentration, D=Depletion	n, RM=Reduce	ed Matrix, CS=Covere	ed or Coated Sand G	rains. ²	Location: PL=Pore	Lining, RC=Root Channel, M=Matrix.
Hydric So	il Indicators: (Applic	able to all L	RRs, unless othe	rwise noted.)		Indicators for	or Problematic Hydric Soils³:
Histoso	` '			Redox (S5)			ıck (A9) (LRR C)
	Epipedon (A2)			d Matrix (S6)			uck (A10) (LRR B)
	Histic (A3)			Mucky Mineral (F			d Vertic (F18)
	gen Sulfide (A4)	٥١		Gleyed Matrix (F2	2)		rent Material (TF2)
	ed Layers (A5) (LRR ((م		ed Matrix (F3) Dark Surface (F6)		Other (E	xplain in Remarks)
	Muck (A9) (LRR D) ed Below Dark Surfac	Δ (Δ11)		ed Dark Surface (F6)	·7)		
	Dark Surface (A12)	C (ATT)		Depressions (F8)	1)	³ Indicators o	f hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)			nydrology must be present,
	Gleyed Matrix (S4)						sturbed or problematic.
							<u>'</u>
	Layer (if present): hovel refusal						
-			<u> </u>			Lludria Sail Brad	cont2 Voc No V
Deptii (iii	ches): 10					Hydric Soil Pres	sent? Yes No X
HYDROLO	ncv						
	lydrology Indicators	•				Saco	ondary Indicators (2 or more required)
	dicators (minimum of o		chack all that ann	alv)			Vater Marks (B1) (Riverine)
	ce Water (A1)	one required,	Salt Cru				Sediment Deposits (B2) (Riverine)
	Vater Table (A2)			rust (B12)			Orift Deposits (B3) (Riverine)
	ation (A3)			Invertebrates (B13	2)		Orainage Patterns (B10)
	Marks (B1) (Nonrive r	ina)		en Sulfide Odor (C			Ory-Season Water Table (C2)
	ent Deposits (B2) (No			d Rhizospheres ald			Thin Muck Surface (C7)
	eposits (B3) (Nonrive			e of Reduced Iron			Crayfish Burrows (C8)
	ce Soil Cracks (B6)	ilio)		Iron Reduction in			Saturation Visible on Aerial Imagery (C9)
	ation Visible on Aerial	Imagery (B7)		ck Surface (C7)	ilica collo (c		Shallow Aquitard (D3)
	-Stained Leaves (B9)	imagory (Dr)		explain in Remarks	:)		FAC-Neutral Test (D5)
	. ,				,	<u>—</u> '	
Field Obse		′oo '	No V Donth (:-	ahaa):			
			No X Depth (inc				
Water Table			No X Depth (inc			and Hudralami F	Present 2 Voc No V
Saturation I	Present? Y apillary fringe)	es i	No X Depth (inc	cnes):	wetia	and Hydrology F	Present? Yes No X
•	ecorded Data (stream g	gauge, monit	oring well, aerial n	hotos, previous in	spections). if	available:	
	(**************************************	3	3 , , , , , ,		-,,,		
Remarks:							

Project/Site: Southwest Village Specific Plan Project		City/County:	San Diego)	Sa	mpling Date	e: <u>6/27/2</u>	23
Applicant/Owner: Tri Point Homes				State:	CA Sa	mpling Poin	ıt: <u>264-U</u>	IPL
Investigator(s): Andrew Smisek		Section, To	wnship, R	ange: Section 31,	T18S R01	W		
Landform (hillslope, terrace, etc.): mesa		Local relief	(concave,	convex, none): no	ne	Slo	ope (%):	0
Subregion (LRR): C	Lat:	32.55256		_Long: <u>-117.0183</u> 8	8	Dati	um: <u>NAD</u>	83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI class	sification:	none		
Are climatic / hydrologic conditions on the site typical f	or this time of	year? Yes	X No	(If no, exp	olain in Rei	marks.)		
Are Vegetation X, Soil , or Hydrology	signifi	icantly disturbed	? /	Are "Normal Circum	stances" p	resent? Ye	s X	No
Are Vegetation, Soil, or Hydrology	natura	ally problematic?	(If needed, explain a	any answe	rs in Remar	ks.)	
SUMMARY OF FINDINGS – Attach site map s	showing sa	mpling point l	ocations	s, transects, imp	ortant fe	atures, et	c.	
Hydrophytic Vegetation Present? Yes	No X			_				
Hydric Soil Present? Yes	No X		Sampled <i>I</i> a Wetland	Ye	es	No 2	X	
Wetland Hydrology Present? Yes	No X	Within	a welland	ır				
Remarks: Paired sample point for feature #264.								
VEGETATION – Use scientific names of plan		Daminant I	!:	Daminana Tar	a.ul.a.la.a	-4-		
<u>Tree Stratum</u> (Plot size:	Absolute % Cover		ndicator Status	Dominance Test				
1. none				Number of Domir That Are OBL, FA			0	(A)
2.				Total Number of	Dominant			
3.				Species Across A	All Strata:		2	(B)
4				Percent of Domin			0	(A/B)
		= Total Cover		That Are OBL, FA	ACVV, OF FA	AC:	0	(AVB)
Sapling/Shrub Stratum (Plot size:)							
1. none				Prevalence Inde				
2				Total % Cove	er of:	_	tiply by:	_
3				OBL species		_ x 1 =		
4				FACW species	4	_ x2=_		
5				FAC species FACU species	60	_ x 3 = x 4 =	3 240	
Herb Stratum (Plot size:)		= Total Cover		UPL species	39	_	195	
1. Hordeum murinum	60	Υ	FACU	Column Totals:	100	_	438	(B)
Avena barbata	39		UPL	Column rotals.	100	_ ('')		(B)
3. Festuca perennis	1		FAC	Prevalend	ce Index = 1	B/A = 4.4		
4.	- :		17.0	Hydrophytic Ve	netation In	dicators:		
				Dominance	_			
6				Prevalence				
7.				Morpholog	ical Adapta	ations¹ (Prov		
8	100	= Total Cover				r on a sepa		,
Woody Vine Stratum (Plot size:	100	= Total Cover		Problemati	c Hydropn	ytic Vegetat	ion' (Exp	olain)
· — ·	,			¹ Indicators of hy	dric coil on	d watland h	v drology	muet
1. <i>none</i> 2.				be present, unle				riiusi
	100	= Total Cover		Usalrambustia				
W Born Crowned in Hort Charture				Hydrophytic Vegetation	V		VI- V	
	Cover of Biotic	-		Present?	Yes_		No X	
Remarks: The sample area does not support a predo	minance of hy	ydrophytic vegeta	ation.					

SOIL Sampling Point: <u>264-UPL</u>

Depth	Matrix		R	edox Featu			=	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-12	10YR 3/2						sandy clay	no redox
		· ——						
		 .						_,
								· -
								<u> </u>
¹ Type: C=Cond	centration, D=Depletion	n, RM=Reduc	ed Matrix, CS=Cover	ed or Coated	Sand Grain	s. ²	Location: PL=Pore	Lining, RC=Root Channel, M=Matrix.
Hydric Soil I	ndicators: (Applic	able to all L	RRs, unless other	rwise note	d.)		Indicators f	or Problematic Hydric Soils ³ :
Histosol ((A1)		Sandy	Redox (S5)			1 cm Mu	ıck (A9) (LRR C)
Histic Epi	ipedon (A2)			d Matrix (Se				ick (A10) (LRR B)
Black His	stic (A3)		Loamy	Mucky Mine	eral (F1)		Reduce	d Vertic (F18)
Hydroger	n Sulfide (A4)		Loamy	Gleyed Mat	trix (F2)		Red Par	ent Material (TF2)
Stratified	Layers (A5) (LRR	C)	Deplet	ed Matrix (F	3)		Other (E	xplain in Remarks)
1 cm Mud	ck (A9) (LRR D)		Redox	Dark Surfac	ce (F6)			
Depleted	Depleted Below Dark Surface (A11)			ed Dark Sur				
	rk Surface (A12)			Depression	s (F8)			f hydrophytic vegetation and
	ucky Mineral (S1)		Vernal	Pools (F9)				nydrology must be present,
Sandy Gl	leyed Matrix (S4)						unless di	sturbed or problematic.
Restrictive L	ayer (if present):							
Type:								
Depth (inch	`							
	es):		_				Hydric Soil Pres	sent? Yes No X
Remarks:			<u> </u>				Hydric Soil Pres	sent? Yes No X
Remarks:	Υ	:					,	
Remarks: YDROLOG Wetland Hyd	Y drology Indicators		d: check all that app	olv)			Seco	ondary Indicators (2 or more require
Remarks: YDROLOG Wetland Hyd Primary Indic	Y drology Indicators ators (minimum of						Seco	ondary Indicators (2 or more require Vater Marks (B1) (Riverine)
YDROLOG Wetland Hyd Primary Indic	drology Indicators (minimum of Water (A1)		Salt Cru	st (B11)				ondary Indicators (2 or more require Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
YDROLOG Wetland Hyd Primary Indic Surface \ High Wat	drology Indicators ators (minimum of Water (A1) ter Table (A2)		Salt Cru Biotic C	st (B11) rust (B12)	ne (R13)		Seco 	ondary Indicators (2 or more require Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine)
Remarks: YDROLOG Wetland Hyc Primary Indic Surface \ High War Saturatio	drology Indicators cators (minimum of Water (A1) ter Table (A2) on (A3)	one required	Salt Cru Biotic C Aquatic	st (B11) rust (B12) Invertebrate			Seco	vindary Indicators (2 or more required Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10)
YDROLOG Wetland Hyc Primary Indic Surface \ High Wat Saturatio Water Ma	drology Indicators cators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive	one required	Salt Cru Biotic C Aquatic Hydroge	st (B11) rust (B12) Invertebrate en Sulfide O	dor (C1)	Living Po	Seco	endary Indicators (2 or more require Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2)
YDROLOG Wetland Hyd Primary Indic Surface V High War Saturatio Water Ma	drology Indicators cators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No	one required rine) onriverine)	Salt Cru Biotic C Aquatic Hydroge Oxidize	st (B11) rust (B12) Invertebrate en Sulfide O d Rhizosphe	dor (C1) eres along	_	Seccion	ondary Indicators (2 or more require Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Orainage Patterns (B10) Ory-Season Water Table (C2) Whin Muck Surface (C7)
Nemarks: IYDROLOG Wetland Hyd Primary Indic Surface N High Wat Saturatio Water Mater drology Indicators cators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive at Deposits (B2) (No	one required rine) onriverine)	Salt Cru Biotic C Aquatic Hydroge Oxidizee	st (B11) rust (B12) Invertebrate en Sulfide O d Rhizosphe e of Reduce	dor (C1) eres along ed Iron (C4	4)	Second Se	Vater Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Orift Deposits (B3) (Riverine) Oranage Patterns (B10) Ory-Season Water Table (C2) Orighin Muck Surface (C7) Orayfish Burrows (C8)	
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Primary Indice Surface V High Water Ma Sedimen Drift Dep Surface S Inundation	drology Indicators cators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive to Deposits (B2) (Nonrive Soil Cracks (B6) on Visible on Aerial	one required rine) onriverine) erine)	Salt Cru Biotic C Aquatic Hydroge Oxidize Presence Recent Thin Mu	st (B11) rust (B12) Invertebrate en Sulfide O d Rhizosphe le of Reduce Iron Reducti	dor (C1) eres along ed Iron (C4 ion in Tille (C7)	4)	Secc V V V V V V V V V V V V V V V V V V	Vater Marks (B1) (Riverine) Vater Marks (B1) (Riverine) Vediment Deposits (B2) (Riverine) Vediment Deposits (B3) (Riverine) Vediment Deposits (B10) Ve
Nemarks: NYDROLOG Wetland Hyd Primary Indic Surface N High Wat Saturatio Water Mater drology Indicators cators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive to Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6)	one required rine) onriverine) erine)	Salt Cru Biotic C Aquatic Hydroge Oxidize Presence Recent Thin Mu	st (B11) rust (B12) Invertebrate en Sulfide O d Rhizosphe ee of Reduce	dor (C1) eres along ed Iron (C4 ion in Tille (C7)	4)	Secc V V V V V V V V V V V V V V V V V V	variance (2 or more require) Vater Marks (B1) (Riverine) Vater Marks (B3) (Riverine) Orift Deposits (B3) (Riverine) Originage Patterns (B10) Ory-Season Water Table (C2) Vihin Muck Surface (C7) Orayfish Burrows (C8) Saturation Visible on Aerial Imagery (C	
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Primary Indice Surface Note High Water Management Surface Surf	drology Indicators cators (minimum of Water (A1) ter Table (A2) on (A3) arks (B1) (Nonrive to Deposits (B2) (No cosits (B3) (Nonrive Soil Cracks (B6) on Visible on Aerial tained Leaves (B9)	rine) porriverine) prine) Imagery (B7	Salt Cru Biotic C Aquatic Hydroge Oxidize Presence Recent Thin Mu	st (B11) rust (B12) Invertebrate en Sulfide O d Rhizosphe ee of Reduce fron Reducti ck Surface explain in Re	dor (C1) eres along ed Iron (C4 ion in Tille (C7)	4)	Secc V V V V V V V V V V V V V V V V V V	Vater Marks (B1) (Riverine) Vater Marks (B1) (Riverine) Vediment Deposits (B2) (Riverine) Vediment Deposits (B3) (Riverine) Vediment Deposits (B10) Ve
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Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	jo	Sampling Date: 5/4/23
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 269-UPL
Investigator(s): Andrew Smisek		Section,	, Township, F	Range: Section 31, T18S R	01W
Landform (hillslope, terrace, etc.): mesa		Local re	elief (concave	, convex, none): none	Slope (%): 0
Subregion (LRR): C	Lat:			· · · · · · · · · · · · · · · · · · ·	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classificatio	n: none
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	x N	o (If no, explain in	Remarks.)
Are Vegetation, Soil, or Hydrology _				· 	s" present? Yes x No
Are Vegetation , Soil , or Hydrology				(If needed, explain any ans	wers in Remarks.)
SUMMARY OF FINDINGS – Attach site map s	howing sa	mpling poi	nt location	s, transects, important	features, etc.
Hydrophytic Vegetation Present? Yes x	No		ha Camplad	A	
Hydric Soil Present? Yes			he Sampled hin a Wetlan	YAS	Nox
Wetland Hydrology Present? Yes	No x	_	illi a Wellan	u.	
VEGETATION – Use scientific names of plant		Davissat	I. Fasta	Davis Takanda	
<u>Tree Stratum</u> (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test works Number of Dominant Sp	
				That Are OBL, FACW, o	r FAC: 2 (A)
3.				Total Number of Domina Species Across All Strate	
4.				Percent of Dominant Sports Are OBL, FACW, o	
Sapling/Shrub Stratum (Plot size:)		= Total Cov	er		(· ,
1				Prevalence Index work	sheet:
2.				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4.				FACW species	x 2 =
5				FAC species	x 3 =
		= Total Cov	er	FACU species	x 4 =
Herb Stratum (Plot size:)				UPL species	x 5 =
Festuca perennis	45	Y	FAC	Column Totals:	(A)(B)
2. Hordeum marinum	45	Y	FAC	Prevalence Index	κ = B/A =
3. Avena sp 4.	10	N	UPL	Hydrophytic Vegetation	n Indicators:
				x Dominance Test is	
				Prevalence Index	
7.				Morphological Ada	aptations¹ (Provide supporting as or on a separate sheet)
8	100	= Total Co	ver		ophytic Vegetation¹ (Explain)
Woody Vine Stratum (Plot size:)					-
1.				¹ Indicators of hydric soi be present, unless distu	l and wetland hydrology must urbed or problematic.
2	100	= Total Cov	er	Hydrophytic Vegetation	
	over of Biotic				es x No No
Remarks: The sample area supports a predominance	of hydrophyt	ic vegetation			

SOIL Sampling Point: 269-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			Redox Featu	res		_				
(inches)	Color (moist)	<u> </u>	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	;	
0-18	10YR 3/3	100					sandy clay	no redox			
							-	_			_
		· 									
		. <u></u>									
		· —— —						_			
							-				—
		. <u></u>									
											—
						2	-				
	ncentration, D=Depletion					S. ²	Location: PL=Pore				
Hydric Soil	Indicators: (Applic	able to all LRR	s, unless oth	erwise note	d.)		Indicators f	or Problem	atic Hydric S	oils³:	
Histoso	l (A1)		Sandy	Redox (S5)			1 cm M	uck (A9) (LR	R C)		
Histic E	pipedon (A2)		Stripp	ed Matrix (S6	5)		2 cm M	uck (A10) (L l	RR B)		
	listic (A3)			y Mucky Mine				d Vertic (F18			
Hydrog	en Sulfide (A4)		Loam	y Gleyed Mat	trix (F2)		Red Pa	rent Material	(TF2)		
Stratifie	d Layers (A5) (LRR (C)	Deple	ted Matrix (F	3)		Other (E	Explain in Re	marks)		
1 cm M	uck (A9) (LRR D)		Redox	Coark Surface	ce (F6)						
Deplete	d Below Dark Surfac	e (A11)	Deple	ted Dark Sur	face (F7)						
Thick D	ark Surface (A12)		Redox	c Depression	s (F8)		³ Indicators of	of hydrophytic	c vegetation a	ind	
Sandy I	Mucky Mineral (S1)		Verna	l Pools (F9)			wetland	hydrology m	ust be presen	t,	
Sandy (Gleyed Matrix (S4)						unless d	isturbed or p	roblematic.		
Restrictive	Layer (if present):										
Type:	_a, c. (p. ccc).										
Depth (inc	hoc):						Hydric Soil Pre	cont? V	es	No x	
Deput (inc							riyane con ric	SCIII: I		NO X	-
HYDROLO(GY										
Wetland Hy	drology Indicators	:					Sec	ondary Indic	ators (2 or n	nore require	<u> (b</u> €
Primary Ind	icators (minimum of	one required; ch	eck all that ap	ply)				Nater Marks	(B1) (Riverin	e)	
Surface	Water (A1)		Salt Cr	ust (B11)				Sediment De	posits (B2) (R	liverine)	
	ater Table (A2)			Crust (B12)					(B3) (Riveri i		
	ion (A3)			Invertebrate	es (B13)			Drainage Pat		-,	
	Marks (B1) (Nonrive i	rine)		en Sulfide O	` '			_	Nater Table (C2)	
	ent Deposits (B2) (No			ed Rhizosphe		Living Ro		Thin Muck S		<i></i> /	
	eposits (B3) (Nonrive			ce of Reduce	_	_		Crayfish Burr	` ,		
	Soil Cracks (B6)			Iron Reducti	,	,		-	sible on Aeria	l Imageny (C	' 0'
	tion Visible on Aerial	Imagan, (P7)				u oons (Ci		Shallow Aqui		i iiilageiy (C	,3)
		imagery (b7)		uck Surface				•	` ,		
vvater-	Stained Leaves (B9)		Other (Explain in Re	emarks)		'	FAC-Neutral	Test (D5)		
Field Obser	vations:										
Surface Wat	ter Present?	/es No	Depth (ii	nches):							
Water Table	Present?	/es No	Depth (in	nches):							
Saturation P		es No	Depth (ii	nches):		Wetla	nd Hydrology	Present?	Yes	No x	
(includes ca	pillary fringe)	<u></u>		, -							_
Describe Rec	orded Data (stream	gauge, monitorir	ng well, aerial	photos, previ	ious inspe	ctions), if a	available:				
	,					,					
Remarks: No	wetland hydrology i	ndicators observ	/ed.			_					_
											-

Project/Site: Southwest Village Specif	ic Plan Project		City/Coun	ity: San Dieg	0	Sar	npling Date	: <u>6/15/2</u>	3
Applicant/Owner: Tri Point Homes					State:	CA Sar	npling Poin	t: <u>276-U</u>	PL
Investigator(s): Andrew Smisek			Section,	Township, R	Range: Section 31,	T18S R01V	V		
Landform (hillslope, terrace, etc.): mes	sa		Local re	lief (concave	, convex, none): <u>no</u>	ne	Slo	pe (%):	2
Subregion (LRR): C		Lat:	32.55353		Long: -117.0228	4	Datu	ım: <u>NAD</u>	83
Soil Map Unit Name: Huerhuero loam	ı, 2-9% slopes				NWI clas	sification: n	one		
Are climatic / hydrologic conditions on	the site typical fo	r this time of	f year? Yes	x No	o(If no, exp	olain in Rem	narks.)		
Are Vegetation, Soil	<u>,</u> or Hydrology _	signif	icantly disturb	ed?	Are "Normal Circum	ıstances" pr	esent? Ye	s <u>x</u>	No
Are Vegetation, Soil	<u>,</u> or Hydrology _	natur	ally problema	tic?	(If needed, explain a	any answer	s in Remarl	ks.)	
SUMMARY OF FINDINGS – Atta	ch site map s	howing sa	mpling poi	nt location	s, transects, imp	ortant fea	itures, etc).	
Hydrophytic Vegetation Present?	Yes	No x		aa Camulad	A				
Hydric Soil Present?	Yes			ne Sampled nin a Wetlan	Y	es	No	X	
Wetland Hydrology Present?	Yes	No x	_						
VEGETATION – Use scientific n	ames of plant								
<u>Tree Stratum</u> (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Tes				
1.	/	70 OOVCI	Орсскоз	Otatus	Number of Domir That Are OBL, FA			0	(A)
2.					Total Number of	•	·		(' ',
3.					Species Across A			1	(B)
4.					Percent of Domir	•		_	
			= Total Cove	er	That Are OBL, FA	ACW, or FA	C:	0	(A/B)
Sapling/Shrub Stratum (Plot size:)								
Peritoma arborea		10	Y	UPL	Prevalence Inde				
2					Total % Cove			iply by:	<u> </u>
3.					OBL species	0	x 1 =	0	
4					FACW species _ FAC species	0 5	x 2 = x 3 =	0 15	<u>—</u>
5			Total Cove		FAC species _	16	x 4 =	64	
Herb Stratum (Plot size:)	10	= Total Cove	2 1	UPL species	80	x 5 =	400	<u> </u>
1. Avena sp	/	70	Y	UPL	Column Totals:	101	(A)	479	(B)
2. Bromus diandrus		15	N	FACU	_				` ′
3. Festuca perennis		5	N	FAC	Prevalend	ce Index = B	A = 4.7		_
4. Deinandra fasciculata		<1	N	FACU	Hydrophytic Ve	getation Inc	dicators:		
5.					Dominance	e Test is >5	0%		
6.					Prevalence	e Index is ≤	3.0 ¹		
7						ical Adaptat			
8						Remarks or	•		•
		91	= Total Cov	er er	Problemati	c Hydrophy	tic Vegetati	ion¹ (Exp	olain)
Woody Vine Stratum (Plot size:)				4				
1.					¹ Indicators of hy be present, unle				must
2						- Co Giotai Do	a or probler		
		101	= Total Cove	er	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum	% Co	over of Biotic	: Crust		Present?	Yes	١	No x	
Remarks: The sample area does not	support a predon	ninance of h	ydrophytic ve	getation.					
•	•	•							

SOIL Sampling Point: 276-UPL

Redox Features

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth

Matrix

(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu	ure Remarks
0-15	10YR 4/2	100					sandy cla	ay
					· ——			
-	<u> </u>						-	
	_							
-							-	
							_	
¹ Type: C=C	oncentration, D=Deplet	ion RM-Reduc	ed Matrix CS-Covered	d or Coated	Sand Grain	e 2	Location: PL	.=Pore Lining, RC=Root Channel, M=Matrix.
	il Indicators: (Appli		· · · · · · · · · · · · · · · · · · ·			J.		tors for Problematic Hydric Soils ³ :
•		cable to all E			•			
Histoso	Epipedon (A2)			ledox (S5 Matrix (S				cm Muck (A9) (LRR C) cm Muck (A10) (LRR B)
	Histic (A3)			Nucky Mir				educed Vertic (F18)
	gen Sulfide (A4)			Gleyed Ma				ed Parent Material (TF2)
	ed Layers (A5) (LRR	(C)		d Matrix (F				her (Explain in Remarks)
	Muck (A9) (LRR D)	. •)		ark Surfa	,			(27)
	ed Below Dark Surfa	ace (A11)			rface (F7)			
	Dark Surface (A12)	` '		epression			3Indicat	tors of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal F	ools (F9)			wet	tland hydrology must be present,
Sandy	Gleyed Matrix (S4)							ess disturbed or problematic.
Restrictive	Layer (if present):							
	hovel refusal							
							Lludria Cai	il Present? Yes No x
Deptii (iii	ches): 15						riyulic 30i	il Present? Yes No _x
HYDROLO	GY							
Wetland H	lydrology Indicator	s:						Secondary Indicators (2 or more required)
Primary Inc	dicators (minimum o	f one required	; check all that appl	y)				Water Marks (B1) (Riverine)
Surfac	e Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
High V	Vater Table (A2)		Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)
Satura	ition (A3)		Aquatic I		es (B13)			Drainage Patterns (B10)
Water	Marks (B1) (Nonriv	erine)	Hydroger	Sulfide C	Odor (C1)		•	Dry-Season Water Table (C2)
Sedim	ent Deposits (B2) (N	lonriverine)			eres along	Living Ro	ots (C3)	Thin Muck Surface (C7)
	eposits (B3) (Nonriv				ed Iron (C	-	` ,	Crayfish Burrows (C8)
	e Soil Cracks (B6)	,	Recent Ir	on Reduc	tion in Tille	d Soils (C	6)	Saturation Visible on Aerial Imagery (C9)
	ation Visible on Aeria	ıl Imagery (B7					- /	Shallow Aquitard (D3)
	-Stained Leaves (B9	• • •	Other (Ex				•	FAC-Neutral Test (D5)
	•	,		,			•	
Field Obse		V	N- 5 4 4	\				
	ater Present?		No Depth (inc			-		
Water Table			No Depth (inc			<u> </u>		
Saturation I (includes ca	Present? apillary fringe)	Yes	No Depth (inc	nes):		Wetla	and Hydrol	logy Present? Yes No x
Describe Re	corded Data (stream	n gauge, moni	toring well, aerial ph	otos, prev	ious inspe	ctions), if	available:	
Remarks: N	lo wetland hydrology	indicators ob	served.					

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	0	Sampling	Date: <u>6/1</u>	5/23
Applicant/Owner: Tri Point Homes				State: CA	Sampling	Point: <u>277</u>	7-UPL
Investigator(s): Andrew Smisek		Section,	Township, R	Range: Section 31, T18	S R01W		
Landform (hillslope, terrace, etc.): mesa		Local rel	lief (concave	, convex, none): none		Slope (%	%): <u>0</u>
Subregion (LRR): C	Lat:	32.55285		Long: <u>-117.018594</u>		Datum: N	AD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classifica	ation: none		
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	x No	o(If no, explain	in Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	cantly disturb	ed?	Are "Normal Circumstan	ices" present	? Yes>	x No
Are Vegetation, Soil, or Hydrology	natura	ally problemat	tic?	(If needed, explain any a	answers in R	emarks.)	
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poir	nt location	s, transects, importa	ant feature	s, etc.	
Hydrophytic Vegetation Present? Yes	No x	1- 41		A			
Hydric Soil Present? Yes	No x		ne Sampled nin a Wetlan	Yes	No	Х	
Wetland Hydrology Present? Yes	No x	_	iii a wedaii	u.			
Remarks: Paired sample point with feature #277.							
VEGETATION – Use scientific names of plants	S.						
T 0: (D): (Absolute	Dominant	Indicator	Dominance Test wo	rksheet:		
<u>Tree Stratum</u> (Plot size:) 1	% Cover	Species?	Status	Number of Dominant That Are OBL, FACW		0	(A)
2. 3.				Total Number of Dom Species Across All St		1	(B)
4.				Percent of Dominant		-	. ,
		= Total Cove	er	That Are OBL, FACW	l, or FAC:	0	(A/B)
Sapling/Shrub Stratum (Plot size:)							
1				Prevalence Index wo	orksheet:		
2				Total % Cover of:		Multiply by	y:
3					0 x 1	-	
4				· —	0 x 2	-	
5				· —	5 x 3	-	
Herb Stratum (Plot size:)		= Total Cove	er	' ===	15 x 4 80 x 5	-	
1. Avena sp	80	Υ	UPL	· —	100 (A)	-	
Hordeum murinum	15	N	FACU	Coldinii Totalo.			, (B)
3. Festuca perennis	5	N	FAC	Prevalence In	dex = B/A = 4	.8	
4.				Hydrophytic Vegeta	tion Indicate	ors:	
5.				Dominance Tes			
6.				Prevalence Ind			
7.				Morphological /	Adaptations ¹	(Provide s	upporting
8.					arks or on a		
	100	= Total Cov	/er	Problematic Hy	drophytic Ve	getation1 (F	Explain)
Woody Vine Stratum (Plot size:)							
1				¹ Indicators of hydric			
2				be present, unless d	isturbed or p	robiematic.	•
		= Total Cove	er	Hydrophytic			
% Bare Ground in Herb Stratum0 % Co	ver of Biotic	Crust		Vegetation Present?	Yes	No	x
Remarks: The sample area does not support a predom	inance of hy	/drophytic ve	getation.				

SOIL Sampling Point: 277-UPL

Profile Desc Depth	cription: (Describe			ent the inc dox Featu		confirm t	the absence	of indicators	.)
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	_ Texture	e	Remarks
<u> </u>			Soloi (moist)		Турс	LOC			remans
0-18	10YR 4/1	100					sandy clay	<u>/</u>	
							_		
	-								
l 							_		
							_		
	ncentration, D=Deplet					s. ²			Root Channel, M=Matrix.
Hydric Soil	Indicators: (Appl	icable to all LRR	s, unless other	wise note	d.)		Indicato	rs for Probler	natic Hydric Soils³:
Histoso	l (A1)		Sandy F	Redox (S5)			1 cm	n Muck (A9) (L	RR C)
Histic E	pipedon (A2)		Stripped	l Matrix (Se	6)		2 cm	n Muck (A10) (LRR B)
Black H	listic (A3)		Loamy l	Mucky Min	eral (F1)		Red	uced Vertic (F	18)
Hydrog	en Sulfide (A4)		Loamy	Gleyed Ma	trix (F2)		Red	Parent Materia	al (TF2)
Stratifie	d Layers (A5) (LRF	R C)	Deplete	d Matrix (F	3)		Othe	er (Explain in R	Remarks)
1 cm M	uck (A9) (LRR D)		Redox [Dark Surfac	ce (F6)				
	d Below Dark Surfa	ace (A11)		d Dark Sur					
	ark Surface (A12)			Depression	s (F8)				tic vegetation and
	Mucky Mineral (S1)		Vernal F	Pools (F9)					must be present,
Sandy 0	Gleyed Matrix (S4)						unles	ss disturbed or	problematic.
Restrictive	Layer (if present):								
Type:									
Depth (inc	hes):						Hydric Soil	Present?	Yes No x
		(•		
Remarks: N	lo hydric soil indica	iors observed.							
HYDROLO									
	ydrology Indicator						<u>s</u>		licators (2 or more required)
Primary Ind	icators (minimum o	f one required; ch	eck all that appl	y)				Water Mark	ss (B1) (Riverine)
Surface	Water (A1)		Salt Crus	t (B11)			_	Sediment D	Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic Cru	ust (B12)				Drift Depos	its (B3) (Riverine)
Saturat	ion (A3)		Aquatic I	nvertebrate	es (B13)			Drainage P	atterns (B10)
	Marks (B1) (Nonriv	erine)		n Sulfide O			_		n Water Table (C2)
	ent Deposits (B2) (N			Rhizosphe		Living Ro	ots (C3)		Surface (C7)
	eposits (B3) (Nonri			of Reduce	_	_		Crayfish Bu	, ,
	e Soil Cracks (B6)	remie)		on Reduct					Visible on Aerial Imagery (C9)
		ol Imagan, (DZ)				u Solis (Co			• • • •
	tion Visible on Aeria			k Surface			_	Shallow Aq	
vvater-	Stained Leaves (B9))	Other (Ex	cplain in Re	emarks)		_	FAC-Neutra	al Test (D5)
Field Obser	vations:								
Surface Wat	ter Present?	Yes No	Depth (inc	hes):					
Water Table	Present?	Yes No							
Saturation P	resent?	Yes No	Depth (inc	hes):		Wetla	and Hydrolo	gy Present?	Yes No x
(includes ca	pillary fringe)			, <u> </u>					
Describe Rec	orded Data (stream	n gauge, monitorii	ng well, aerial ph	notos, prev	ious inspe	ctions), if a	available:		
Remarks: No	wetland hydrology	indicators observ	ved.						

Project/Site: Southwest Village Specific	Plan Project		City/Coun	ity: San Dieg	10	S	ampling Date	e: <u>6/15/</u> 2	23
Applicant/Owner: Tri Point Homes					State:	CA S	ampling Poir	nt: <u>278-</u> L	JPL
Investigator(s): Andrew Smisek			Section,	Township, R	Range: Section 31,	T18S R01	IW		
Landform (hillslope, terrace, etc.): mesa			Local rel	lief (concave	, convex, none): <u>no</u>	ne	SI	ope (%):	0
Subregion (LRR): C		Lat:	32.55258		Long: -117.0185	65	Dat	um: <u>NA</u> E	83
Soil Map Unit Name: Huerhuero loam,	2-9% slopes				NWI clas	sification:	none		
Are climatic / hydrologic conditions on th	e site typical f	or this time o	f year? Yes	x No	o(If no, ex	plain in Re	emarks.)		
Are Vegetation, Soil,	or Hydrology	signif	icantly disturb	ed?	Are "Normal Circun	nstances"	present? Ye	es x	No
Are Vegetation, Soil,	or Hydrology	natur	ally problemat	tic?	(If needed, explain	any answe	ers in Rema	ks.)	
SUMMARY OF FINDINGS – Attac	h site map s	showing sa	mplina poi:	nt location	s. transects. imr	ortant fe	eatures, et	c.	
	-		1 3111						
Hydrophytic Vegetation Present?	Yes		ls th	ne Sampled	Area		NI -		
Hydric Soil Present?	Yes	No x	— with	nin a Wetlan	d?	es	No	X	
Wetland Hydrology Present?	Yes	Nox	_						
Remarks: Paired sample point for feat	ure #278.								
VEGETATION – Use scientific na	mes of plan	ts							
VEGETATION GGG GGIGHLING HA	inoo oi pian	Absolute	Dominant	Indicator	Dominance Tes	t workshe	eet:		
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Domi	nant Spec	ies		
1					That Are OBL, F.	ACW, or F	AC:	0	(A)
2.					Total Number of				
3.		-			Species Across A			2	(B)
4		=	T-1-1-0		That Are OBL, F.			0	(A/B)
Sapling/Shrub Stratum (Plot size:	,	·	= Total Cove	er					
1.	<i>'</i>	,			Prevalence Inde	ex worksh	eet:		
2		=			Total % Cov			tiply by:	
3.					OBL species	0	x 1 =	0	
4.					FACW species	0	x 2 =	0	
5.					FAC species	10	x 3 =	30	
			= Total Cove	er	FACU species	20	x 4 =	80	_
Herb Stratum (Plot size:)				UPL species	70	x 5 =	350	_
1. Avena sp		70	Y	UPL	Column Totals:	100	(A)	460	(B)
2. Hordeum murinum		20	Υ	FACU	Prevalen	ce Index =	B/A = 4.6		
3. Festuca perennis		10	N	FAC					
4		_			Hydrophytic Ve	getation I	ndicators:		
5					Dominanc				
6					Prevalence				
7						, ,	ations¹ (Pro or on a sepa		-
8									,
Woody Vine Stratum (Plot size:	,	100	= Total Cov	/er	Problemat	ic Hydroph	nytic Vegeta	tion¹ (Ex	olain)
·)			¹ Indicators of hy	rdria agil a	nd watland b	n (drolog)	, must
1 2.					be present, unle				/ IIIuSt
Z		100	= Total Cove		Uhadaaahada		<u> </u>		
			= Total Cove	5 1	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum	0 % C	over of Biotic	: Crust		Present?	Yes		Nox	
Remarks: The sample area does not su	ipport a predo	minance of h	ydrophytic ve	getation.	1				

SOIL Sampling Point: 278-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	ıres			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	e Remarks
0-18	10YR 3/1	100					clay loam	
 								 -
	· -							
	_ '	- <u> </u>						
								 ,
	• •		_				_	
	· -	- 			· ——			
¹ Type: C=Co	ncentration, D=Depletion	n, RM=Reduced	Matrix, CS=Covered	d or Coated	Sand Grains	s. ²	Location: PL=P	Pore Lining, RC=Root Channel, M=Matrix.
Hydric Soi	I Indicators: (Applic	able to all LR	Rs, unless other	wise note	ed.)		Indicator	rs for Problematic Hydric Soils ³ :
Histoso	l (A1)		Sandy R	edox (S5))		1 cm	Muck (A9) (LRR C)
Histic E	pipedon (A2)			Matrix (S			2 cm	Muck (A10) (LRR B)
	listic (A3)		Loamy N	∕lucky Min	eral (F1)			uced Vertic (F18)
	en Sulfide (A4)			Sleyed Ma				Parent Material (TF2)
	ed Layers (A5) (LRR	C)		d Matrix (F				er (Explain in Remarks)
	uck (A9) (LRR D)	-,		ark Surfa	,			()
	ed Below Dark Surfa	ce (A11)			rface (F7)			
	ark Surface (A12)	,		epression			3Indicator	rs of hydrophytic vegetation and
	Mucky Mineral (S1)			ools (F9)	()			nd hydrology must be present,
	Gleyed Matrix (S4)			(. ,				s disturbed or problematic.
								·
	Layer (if present):							
Type:			_					
Depth (ind	ches):		_				Hydric Soil F	Present? Yes No x
Remarks: N	lo hydric soil indicate	ors observed.						
HYDROLO	GY							
Wetland H	ydrology Indicators	5 :					Se	econdary Indicators (2 or more required
Primary Inc	licators (minimum of	one required;	check all that apply	y)				Water Marks (B1) (Riverine)
	e Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
	/ater Table (A2)		Biotic Cru					Drift Deposits (B3) (Riverine)
	tion (A3)			vertebrat	oc (B13)			Drainage Patterns (B10)
		rima)	Hydroger		` ,			_ ` ` '
	Marks (B1) (Nonrive					1.5.2 D.		Dry-Season Water Table (C2)
	ent Deposits (B2) (No			•	eres along	_	ots (C3)	Thin Muck Surface (C7)
	eposits (B3) (Nonriv e	erine)			ed Iron (C	,		Crayfish Burrows (C8)
Surface	e Soil Cracks (B6)		Recent Ir	on Reduc	tion in Tille	d Soils (C	6)	Saturation Visible on Aerial Imagery (C9)
Inunda	tion Visible on Aerial	Imagery (B7)	Thin Muc	k Surface	(C7)			Shallow Aquitard (D3)
Water-	Stained Leaves (B9)		Other (Ex	plain in R	emarks)		_	FAC-Neutral Test (D5)
Field Obse	rvations:							
		Yes N	o Depth (incl	nes):				
Water Table			o Depth (incl			_		
Saturation F							and Hydrolog	gy Present? Yes No x
	pillary fringe)	Tes IN	o Depth (incl	les)		wella	ilia nyarolog	gy Present? Yes No x
	corded Data (stream	gauge monito	ring well aerial ob	otos prev	ious inspe	ctions) if a	available.	
Describe rec	oraca Bala (olream	gaage, monito	ring woii, acriai pr	iotos, prov	nous mopo	0110110), 11 0	avallable.	
Remarks: No	o wetland hydrology	indicators obse	erved.					
	, 3,							

Project/Site: Southwest Village Specific Plan Project		City/County	: San Dieg	o. CA	_Sampling Date	: August 9, 2023
Applicant/Owner: Tri Pointe Homes				State: CA	_Sampling Point	t: 289-UPL
Investigator(s): Andrew Smisek, Danelle Gadia		Section, T	ownship, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): Slump Mesa		Local relie	f (concave,	convex, none): None	Slo	pe (%): 0
Subregion (LRR): C	Lat: 3	32.54740		Long: -117.01787	Datu	ım: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9-30 % s	slopes			NWI classification	on: None	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	X No	o(If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	cantly disturbed	d? /	Are "Normal Circumstance	es" present? Ye:	s X No
Are Vegetation , Soil , or Hydrology				(If needed, explain any an	swers in Remark	(s.)
SUMMARY OF FINDINGS – Attach site map sh				s, transects, importar	nt features, etc).
Hydrophytic Vegetation Present? Yes	No X					
Hydric Soil Present? Yes	No X		Sampled A	Yes	No >	<u> </u>
Wetland Hydrology Present? Yes	No X		i a vvenam	J:		
Remarks: Upland sample point paired to feature #289 VEGETATION – Use scientific names of plants		nt. This sample	ed area is n	ot a wetland.		
	Absolute	Dominant	Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Dominant S		
1. none				That Are OBL, FACW,	or FAC:	0 (A)
2				Total Number of Domin Species Across All Stra		
3.				Percent of Dominant Sp		(B)
4		Total Cover		That Are OBL, FACW,		0 (A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cover				
1. Malosma laurina	5	N	UPL	Prevalence Index wor	ksheet:	
2. Artemisia californica	5		UPL	Total % Cover of:		iply by:
3.	-			OBL species	x 1 =	
4.				FACW species		
5.				FAC species		
	10	= Total Cover		FACU species		
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Avena sp.	64	Y	UPL	Column Totals:	(A)	(B)
2. Bromus rubens	15	N	UPL	Prevalence Inde	ex = B/A =	
3. Bromus diandrus	1	N	UPL			
4. Glebionis coronaria	5	N	UPL	Hydrophytic Vegetation	on Indicators:	
5. Bromus hordeaceus	5	N	FACU	Dominance Test		
6. Festuca myuros	5	N	FACU	Prevalence Index		
7				Morphological Ad	daptations¹ (Prov rks or on a separ	
8		T-1-1 O			·	,
Woody Vine Stratum (Plot size:)	95	= Total Cove	r	Problematic Hydi	rophytic Vegetati	on¹ (Explain)
				1 ndicators of hydric or	ail and watland b	udrala au mulat
1. none	-			¹ Indicators of hydric so be present, unless dist		
2		= Total Cover		•	· · · · · · · · · · · · · · · · · · ·	
		= Total Cover		Hydrophytic Vegetation		
% Bare Ground in Herb Stratum5 % Co	ver of Biotic	Crust		Present? Y	'es N	loX
Remarks:						

SOIL Sampling Point: 289-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Loard Matrix (So) Indicators: (Applicable to all LRRs, unless otherwise noted.) Histic Epipedon (A2) Sandy Redox (S5) Black Histic (A3) Loarny Mucky Mineral (F1) Loarny Gleyed Matrix (S6) Stratified Layers (A5) (LRR C) Depleted Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F2) Thick Dark Surface (A11) Depleted Dark Surface (F7) Thick Dark Surface (A12) Redox Depressions (F8) Sandy Mucky Mineral (S1) Vernal Pools (F9) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Shovel Refusal Depth (inches): 6 Hydric Remarks: Hydric Hydric Crust (B11) High Water Table (A2) Saturation (A3) Aquatic Invertebrates (B13) Hydric Present (B1) Sandy Gleyed Matrix (S1) Saturation (A3) Aquatic Invertebrates (B13) Hydric Present (B1) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Water-Stained Leaves (B9) Other (Explain in Remarks) Water Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches):	
*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. **PLocation** Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histoscol (A1) Histoscol (A2) Black Histic (A3) Loamy Mucky Mineral (F1) Lydrogen Sulfide (A4) Stratified Layers (A5) (LRR C) 1 cm Muck (A9) (LRR D) Depleted Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Cleyed Matrix (S4) Restrictive Layer (if present): Type: Shovel Refusal Depth (inches): 6 Remarks: VPROLOGY Biotic Crust (B12) Saturation (A3) Water Marks (B1) (Nonriverine) Defined Deposits (B2) (Nonriverine) Dorift Deposits (B3) (Nonriverine) Surface Soil Cracks (B6) Depleted Dark Surface (A1) Hydrogen Sulfide Odor (C1) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Dorift Deposits (B3) (Monriverine) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) Field Observations: Surface Water Present? Yes No X Depth (inches): Mater Table Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): Mater Table Present? Yes No X Depth (inches): Wetland Hydrologes Indicators (P1) Wetland Hydrologes (P2) Wet	<u>Exture</u> <u>Remarks</u>
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Black Histic (A3) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) Loamy Gleyed Matrix (F2) Black Histic (A3) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Depleted Balow Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (F3) Perpleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Shovel Refusal Depth (inches): 6 Remarks: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Versal Pools (F3) Hydrogen Sulfide Odor (C1) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C1) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) Field Observations: Surface Water Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Surface Spillary fringe) Wetland Hydrology indicators: Wetland Hydrology Indicators: Wetland Hydrology Indicators: Wetland Hydrology Indicators: Sandy Redox Carlox (B6) Sandy Matrix (F3) Loamy Mucky Mineral (F1) Loamy Gleyed Matrix (F2) Depleted Datrix (F3) Pepleted Datrix (F3) Saturation (F1) Presence of Reduced Iron (C4) Thin Muck Surface (C7) Other (Explain in Remarks) Wetland Hydrology Indicators: Wetland Hydrology Indicators: Wetland Hydrology Indicators: Wetland Hydrology Indicators: Wetland Hydrology Indicators: Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches):	dy Loam No Redox
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Algoric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histosol (A2) Black Histic (A3) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) Loamy Mucky Mineral (F1) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) 1 cm Muck (A9) (LRR D) Depleted Below Dark Surface (A11) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (F3) Sandy Gleyed Matrix (F3) Sandy Gleyed Matrix (F3) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (F3) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (F3) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (F6) Depleted Dark Surface (F7) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (F8) Person (F9) Setrictive Layer (if present): Type: Shovel Refusal Depth (inches): 6 Hydric Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Drift Deposits (B3) (Nonriverine) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Other (Explain in Remarks) Wetland Hydroludes capillary fringe) Wetland Hydroludes capillary fringe)	
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Black Histic (A3)	2 cm Muck (A10) (LRR B)
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Project/Site: Southwest Village Speci	lic Plan Project		City/Coun	ty: San Dieg	0		impling Date	e: <u>6/21/2</u>	23
Applicant/Owner: Tri Point Homes					State:	CA Sa	mpling Poir	nt: <u>291-L</u>	JPL
Investigator(s): Andrew Smisek			Section,	Township, F	Range: Section 31,	T18S R01	W		
Landform (hillslope, terrace, etc.): me	sa		Local rel	ief (concave	, convex, none): <u>no</u>	ne	SI	ope (%):	0
Subregion (LRR): C		Lat:	32.54860		Long: <u>-117.0167</u>	3	Dat	um: <u>NA</u> E	83
Soil Map Unit Name: Olivenhain cob	bly loa, 9-30% sl	opes			NWI clas	sification:	none		
Are climatic / hydrologic conditions on	the site typical f	or this time o	f year? Yes	x N	o(If no, ex	plain in Re	marks.)		
Are Vegetation, Soil	, or Hydrology	signif	icantly disturb	ed?	Are "Normal Circun	nstances" ¡	oresent? Ye	es x	No
Are Vegetation, Soil	, or Hydrology	natur	ally problemat	tic?	(If needed, explain	any answe	rs in Rema	ks.)	
SUMMARY OF FINDINGS – Atta	ach site map s	showing sa	mplina poir	nt location	s. transects. imr	ortant fe	atures, et	C.	
					o,	70110111111			
Hydrophytic Vegetation Present?	Yes		- Is th	ne Sampled	Area				
Hydric Soil Present?	Yes	No x		in a Wetlan	Y	es	No	Х	
Wetland Hydrology Present?	Yes	No x	_						
Remarks: Paired sample point for fe	ature #291.								
VEGETATION – Use scientific r	names of plan	ts.							
Tree Stratum (Plot size:	١	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Tes				
1.	/	70 COVE	<u>Species:</u>	Status	Number of Domi That Are OBL, F.			0	(A)
2.		-			Total Number of	•			(/ (/
3.		-			Species Across			2	(B)
4.					Percent of Domii				
			= Total Cove	er	That Are OBL, F.	ACW, or F	AC:	0	(A/B)
Sapling/Shrub Stratum (Plot size:)							
1. Simmondsia chinesnsis		20	Υ	UPL	Prevalence Inde	x worksh	eet:		
2					Total % Cov		Mul	tiply by:	_
3					OBL species	0	_ x 1 = _	0	
4					FACW species	0	_ x 2 = _	0	_
5		-			FAC species FACU species	1 18	_ x3=_	3	_
Herb Stratum (Plot size:	`		= Total Cove	er	UPL species	80	_ x 4 = _ x 5 =	72 400	_
1. Avena sp		60	Y	UPL	Column Totals:	99	_	475	(B)
Bromus diandrus			N	FACU	_			110	(5)
3. Festuca perennis			N	FAC	Prevalen	ce Index =	B/A = 4.8		_
4.		- 			Hydrophytic Ve	getation l	ndicators:		
5.				-	Dominanc	_			
6.					Prevalence				
7.					Morpholog	ical Adapt	ations¹ (Pro	vide sup	oorting
8.					data in	Remarks	or on a sepa	rate she	et)
		79	= Total Cov	er	Problemat	ic Hydroph	ytic Vegeta	tion¹ (Exp	olain)
Woody Vine Stratum (Plot size:	· · · · · · · · · · · · · · · · · · ·)							
1.					¹ Indicators of hy				/ must
2					be present, unle	ess disturb	ea or proble	matic.	
		99	= Total Cove	er	Hydrophytic				
% Bare Ground in Herb Stratum	% C	over of Biotic	: Crust		Vegetation Present?	Yes	ı	No x	
Remarks: The sample area supports									
летатк». Тне затіріе агеа supports	a predominance	or riyuropriyi	uo vegetation.						

SOIL Sampling Point: 291-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches) Col 0-18 10YR	olor (moist)	<u>%</u> 100	Colo	r (moist)	%	Type ¹	Loc ²	Texture	9	R	emarks	
0-18 10YR	2/1	100						Toxtare				
								loam	2 inch	n thick that	ch on top	
												
								- ·				
			-									
								_				
							-	_				
T	in D. Danistin	DM Dade		. 00. 0				Location: PL=F		O D4 Ob	NA NA	-4-0-
Type: C=Concentration							5.					
Hydric Soil Indicat	ators: (Applica	able to all	LKKS, u			•			rs for Prob	-	aric Soils	5-:
Histosol (A1)	(4.0)		-		Redox (S	,			Muck (A9)	,		
Histic Epipedor			-		ed Matrix	` '			Muck (A10			
Black Histic (A3			-		-	Mineral (F1)			uced Vertic			
Hydrogen Sulfic		_,	-			Matrix (F2)			Parent Mate	, ,		
Stratified Layer		3)	-		ted Matrix	` '		Othe	r (Explain ir	n Remarks		
1 cm Muck (A9)		(* ()	-		x Dark Su	` ,						
Depleted Below		e (A11)	-			Surface (F7)		3				
Thick Dark Surf	` '		-		x Depress				rs of hydrop			
Sandy Mucky N			-	Verna	l Pools (F	9)			nd hydrolog	•		
Sandy Gleyed I	Matrix (S4)							unles	s disturbed	or problem	atic.	
	(if present):											
Restrictive Layer (i												
Restrictive Layer (i Type:								Hydric Soil I	Present?	Yes	N	o v
Type:	ic soil indicator	rs observed	d.					Tiyane con i	TOSCIN.			о <u>х</u>
Type: Depth (inches): Remarks: No hydric			d.									
Type: Depth (inches): Remarks: No hydric YDROLOGY Wetland Hydrolog	gy Indicators:	:			h.)				econdary I		(2 or mor	
Type: Depth (inches): Remarks: No hydrio YDROLOGY Wetland Hydrolog Primary Indicators (gy Indicators: (minimum of c	:							econdary I Water Ma	arks (B1) (I	(2 or mor	e requir
Type:	gy Indicators: (minimum of o	:		Salt Cr	ust (B11)				econdary I Water Ma Sedimen	arks (B1) (I t Deposits	(2 or mor Riverine) (B2) (Rive	e require
Type: Depth (inches): Remarks: No hydric YDROLOGY Wetland Hydrolog Primary Indicators (Surface Water High Water Tal	gy Indicators: (minimum of o	:		Salt Cr Biotic (rust (B11) Crust (B12				econdary I Water Ma Sedimen Drift Dep	arks (B1) (I t Deposits osits (B3) ((2 or mor Riverine) (B2) (Rive Riverine)	e require
Type: Depth (inches): Remarks: No hydric YDROLOGY Wetland Hydrolog Primary Indicators (Surface Water High Water Tal Saturation (A3)	gy Indicators: (minimum of or (A1) able (A2)	: one require		Salt Cr Biotic (rust (B11) Crust (B12	2) rates (B13)			econdary I Water Ma Sedimen Drift Dep	arks (B1) (I t Deposits	(2 or mor Riverine) (B2) (Rive Riverine)	e require
Type: Depth (inches): Remarks: No hydric YDROLOGY Wetland Hydrolog Primary Indicators (Surface Water High Water Tal	gy Indicators: (minimum of or (A1) able (A2)	: one require		Salt Cr Biotic 0 Aquation	rust (B11) Crust (B12 c Inverteb				econdary I Water Ma Sedimen Drift Dep Drainage	arks (B1) (I t Deposits osits (B3) ((2 or mor Riverine) (B2) (Rive Riverine) B10)	e require
Type: Depth (inches): Remarks: No hydric YDROLOGY Wetland Hydrolog Primary Indicators (Surface Water High Water Tal Saturation (A3)	gy Indicators: (minimum of or (A1) able (A2) b) B1) (Nonriver	: one require	ed; check - - - -	Salt Cr Biotic (Aquation Hydrog	ust (B11) Crust (B12 c Inverteb gen Sulfide	rates (B13)	Living Ro	<u>\$</u>	econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas	arks (B1) (I t Deposits osits (B3) (Patterns ((2 or mor Riverine) (B2) (Rive Riverine) B10) Table (C2)	e require
Type: Depth (inches): Remarks: No hydric YDROLOGY Wetland Hydrolog Primary Indicators (Surface Water High Water Tal Saturation (A3) Water Marks (E	gy Indicators: (minimum of or (A1) able (A2) B) B1) (Nonriver posits (B2) (No	: one require ine) nriverine)	ed; check - - - -	Salt Cr Biotic (Aquation Hydroo	ust (B11) Crust (B12 c Inverteb gen Sulfide ed Rhizos	rates (B13) e Odor (C1)	_	<u>\$</u>	econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc	arks (B1) (I t Deposits osits (B3) (Patterns (son Water	(2 or mor Riverine) (B2) (Rive Riverine) B10) Table (C2)	e require
Primary Indicators (Saturation (A3) Water Marks (E Sediment Depor	gy Indicators: (minimum of of r (A1) able (A2) B) B1) (Nonriver posits (B2) (No (B3) (Nonrive	: one require ine) nriverine)	ed; check - - - -	Salt Cr Biotic (Aquation Hydroo Oxidize Preser	ust (B11) Crust (B12 c Invertebringen Sulfide gen Sulfide ed Rhizos ace of Red	rates (B13) e Odor (C1) pheres along	4)		econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc	arks (B1) (I t Deposits osits (B3) (Patterns (son Water ck Surface	(2 or mor Riverine) (B2) (Rive Riverine) B10) Table (C2) (C7)	e requirerine)
Type: Depth (inches): Remarks: No hydric YDROLOGY Wetland Hydrolog Primary Indicators (Surface Water High Water Tal Saturation (A3) Water Marks (E Sediment Depo	gy Indicators: (minimum of of (A1)) able (A2) B1) (Nonriver posits (B2) (No (B3) (Nonrive cracks (B6)	ine) rine) rine)	ed; check - - - - - -	Salt Cr Biotic (Aquatic Hydrog Oxidize Preser Recen	ust (B11) Crust (B12 c Inverteb gen Sulfide ed Rhizos ace of Red t Iron Red	rates (B13) e Odor (C1) pheres along duced Iron (C uction in Tille	4)		econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio	arks (B1) (I t Deposits osits (B3) (Patterns (son Water ck Surface Burrows (C n Visible o	(2 or mor Riverine) (B2) (Rive Riverine) B10) Fable (C2) (C7) (C7) (C8)	e requirerine)
Type: Depth (inches): Remarks: No hydric YDROLOGY Wetland Hydrolog Primary Indicators (Surface Water High Water Tal Saturation (A3) Water Marks (E Sediment Deport Drift Deposits (Surface Soil Cr Inundation Visil	gy Indicators: (minimum of or (A1) able (A2) B1) (Nonriver cosits (B2) (No (B3) (Nonrive cracks (B6) sible on Aerial	ine) rine) rine)	ed; check - - - - - -	Salt Cr Biotic (Aquatic Hydrog Oxidize Preser Recen Thin M	ust (B11) Crust (B12 c Invertebrigen Sulfide ed Rhizos ace of Red t Iron Red uck Surfa	rates (B13) e Odor (C1) pheres along duced Iron (C uction in Tille ce (C7)	4)		econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow	arks (B1) (I t Deposits osits (B3) (Patterns (son Water ck Surface Burrows (C n Visible o	(2 or mor Riverine) (B2) (Rive Riverine) B10) Table (C2) (C7) (C7) (C8) n Aerial In	e requirerine)
Type: Depth (inches): Remarks: No hydric YDROLOGY Wetland Hydrolog Primary Indicators (Surface Water High Water Tal Saturation (A3) Water Marks (E Sediment Depo Drift Deposits (Surface Soil Cr Inundation Visil	gy Indicators: (minimum of of (A1)) able (A2) B1) (Nonriver cosits (B2) (No (B3) (Nonrive cracks (B6)) bible on Aerial II	ine) rine) rine)	ed; check - - - - - -	Salt Cr Biotic (Aquatic Hydrog Oxidize Preser Recen Thin M	ust (B11) Crust (B12 c Invertebrigen Sulfide ed Rhizos ace of Red t Iron Red uck Surfa	rates (B13) e Odor (C1) pheres along duced Iron (C uction in Tille	4)		econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow	arks (B1) (I t Deposits osits (B3) (Patterns (son Water ck Surface Burrows (C n Visible o	(2 or mor Riverine) (B2) (Rive Riverine) B10) Table (C2) (C7) (C7) (C8) n Aerial In	e requirerine)
Type: Depth (inches): Remarks: No hydric YDROLOGY Wetland Hydrolog Primary Indicators (Surface Water High Water Tal Saturation (A3) Water Marks (E Sediment Depo Drift Deposits (Surface Soil Cr Inundation Visil Water-Stained	gy Indicators: (minimum of of (A1) able (A2) B1) (Nonriver rosits (B2) (No (B3) (Nonrive cracks (B6) bible on Aerial I Leaves (B9) s:	ine) nriverine) rine)	ed; check - - - - - - - - - - - - - - - - - - -	Salt Cr Biotic (Aquation Hydrog Oxidize Preser Recent Thin M Other (ust (B11) Crust (B12 c Invertebrigen Sulfide ed Rhizos ace of Red t Iron Red uck Surfa	rates (B13) e Odor (C1) pheres along duced Iron (C uction in Tille ce (C7)	4)		econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow	arks (B1) (I t Deposits osits (B3) (Patterns (son Water ck Surface Burrows (C n Visible o	(2 or mor Riverine) (B2) (Rive Riverine) B10) Table (C2) (C7) (C7) (C8) n Aerial In	e requirerine)
Type: Depth (inches): Remarks: No hydric YDROLOGY Wetland Hydrolog Primary Indicators (Surface Water High Water Tal Saturation (A3) Water Marks (E Sediment Depo Drift Deposits (Surface Soil Cr Inundation Visil Water-Stained Field Observations Surface Water Pres	gy Indicators: (minimum of of (A1)) able (A2) B1) (Nonriver cosits (B2) (No (B3) (Nonrive cracks (B6)) bible on Aerial II Leaves (B9) s: sent? Y	ine) nriverine) rine) magery (B	ed; check - - - - - - - - - - - - - - - - - - -	Salt Cr Biotic (Aquation Hydrogous Oxidizedos Preser Recented Thin Mother (Depth (i	ust (B11) Crust (B12c Invertebrate Rhizospace of Reduck Surfare (Explain in Inches):	rates (B13) e Odor (C1) pheres along duced Iron (C uction in Tille ce (C7) n Remarks)	4)		econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow	arks (B1) (I t Deposits osits (B3) (Patterns (son Water ck Surface Burrows (C n Visible o	(2 or mor Riverine) (B2) (Rive Riverine) B10) Table (C2) (C7) (C7) (C8) n Aerial In	e requirerine)
Type: Depth (inches): Remarks: No hydric YDROLOGY Wetland Hydrolog Primary Indicators (Surface Water High Water Tal Saturation (A3) Water Marks (E Sediment Depo Drift Deposits (Surface Soil Cr Inundation Visil Water-Stained Field Observations Surface Water Presen	gy Indicators: (minimum of of (A1) able (A2) B1) (Nonriver cosits (B2) (No (B3) (Nonrive cracks (B6) bible on Aerial I d Leaves (B9) s: sent? Y ont? Y	ine) nriverine) rine) Imagery (B	ed; check	Salt Cr Biotic (Aquation Hydrogonic Oxidize Preser Recent Thin M Other (Depth (i Depth (i	ust (B11) Crust (B12c Invertebrate Rhizos ace of Red t Iron Red uck Surfa (Explain in	rates (B13) e Odor (C1) pheres along duced Iron (C uction in Tille ce (C7) n Remarks)	4) d Soils (C	ots (C3)	econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow A FAC-Neu	arks (B1) (I t Deposits osits (B3) (a Patterns (son Water ck Surface Burrows (C n Visible o Aquitard (D utral Test (I	(2 or mor Riverine) (B2) (Rive Riverine) B10) Table (C2) (C7) (C7) (C8) n Aerial In (3)	re require erine)
Type: Depth (inches): Remarks: No hydric YDROLOGY Wetland Hydrolog Primary Indicators (Surface Water High Water Tal Saturation (A3) Water Marks (E Sediment Depo Drift Deposits (Surface Soil Cr Inundation Visil Water-Stained Field Observations Surface Water Pres	gy Indicators: (minimum of of (A1)) able (A2) B1) (Nonriver posits (B2) (No (B3) (Nonrive cracks (B6)) ible on Aerial I I Leaves (B9) s: sent? Y nt? Y ?	ine) nriverine) rine) magery (B	ed; check	Salt Cr Biotic (Aquation Hydrogonic Oxidize Preser Recent Thin M Other (Depth (i Depth (i	ust (B11) Crust (B12c Invertebrate Rhizospace of Reduck Surfare (Explain in Inches):	rates (B13) e Odor (C1) pheres along duced Iron (C uction in Tille ce (C7) n Remarks)	4) d Soils (C		econdary I Water Ma Sedimen Drift Dep Drainage Dry-Seas Thin Muc Crayfish Saturatio Shallow A FAC-Neu	arks (B1) (I t Deposits osits (B3) (a Patterns (son Water ck Surface Burrows (C n Visible o Aquitard (D utral Test (I	(2 or mor Riverine) (B2) (Rive Riverine) B10) Table (C2) (C7) (C7) (C8) n Aerial In	re require erine)

Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	0	Sampling Date	August 17,2023
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point	: 296-UPL
Investigator(s): Andrew Smisek		Section,	Township, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local re	lief (concave,	convex, none): none	Slo	pe (%): <u>0</u>
Subregion (LRR): C	Lat:	32.55434		Long: -117.02218	Datu	m: <u>NAD83</u>
Soil Map Unit Name: Huerhuero loam, 2-9 percent slo	pes			NWI classificati	ion: none	
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	o(If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	cantly disturb	ped?	Are "Normal Circumstanc	es" present? Yes	X No
Are Vegetation, Soil, or Hydrology	natura	ally problema	tic?	(If needed, explain any ar	nswers in Remark	s.)
SUMMARY OF FINDINGS – Attach site map sl	howing sa	mpling poi	nt location	s, transects, importar	nt features, etc	·-
Hydrophytic Vegetation Present? Yes	No X					
Hydric Soil Present? Yes	No X		he Sampled	Yes	No >	(
Wetland Hydrology Present? Yes	No X	Witi	hin a Wetlan	a <i>?</i> —		
Remarks: Upland sample point paired to feature #296 VEGETATION – Use scientific names of plants						
Troc Ctratum (Diet eine	Absolute	Dominant	Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant S That Are OBL, FACW,	pecies or FAC:	1 (A)
2.				Total Number of Domir Species Across All Stra	nant	
4.		= Total Cov	er	Percent of Dominant S That Are OBL, FACW,	pecies	2 (B) 50% (A/B)
Sapling/Shrub Stratum (Plot size:)				Prevalence Index wor	elrahaat.	
1. <u>none</u> 2.	-			Total % Cover of:		ply by:
3.				OBL species		p., ~, .
				FACW species		
5.			-	FAC species		
		= Total Cov	er	FACU species		
Herb Stratum (Plot size:)				UPL species	x 5 =	
Mesembryanthemum nodiflorum	40	Υ	FACU	Column Totals:	(A)	(B)
2. Festuca perennis	25	Y	FAC	Prevalence Inde	ex = B/A =	
3. Atriplex semibaccata	1	N	FAC			
4. Hordeum marinum	1	N	FAC	Hydrophytic Vegetation	on Indicators:	
5. Lepidium sp.	<u><1</u>	N	UPL	Dominance Test		
6. Spergularia bocconi	1	N	FACW	Prevalence Index		
7. Erodium botrys 8.	<1	N	FACU	Morphological Addata in Rema	daptations¹ (Prov rks or on a separ	11 0
Woody Vine Stratum (Plot size:)		= Total Co	ver	Problematic Hyd	rophytic Vegetati	on ¹ (Explain)
1				¹ Indicators of hydric so be present, unless dis		
2 % Co	over of Biotic	= Total Cov	er	Hydrophytic Vegetation Present?	′es N	loX
Remarks:				1		

SOIL Sampling Point: 296-UPL

Profile Desc Depth	cription: (Describe t Matrix	o the depth ne		ent the inc edox Featu		confirm t	the absence o	f indicators.)
(inches)	Color (moist)	% (Color (moist)	%	Type ¹	Loc ²	– Texture	Remarks
<u> </u>			Soloi (moist)		Турс	LOC		
0-8	7.5YR 4/3	100					clay loam	no redox
		• i———						
							-	
		<u> </u>						
							<u> </u>	
		· ——					_	
								=
							_	
	ncentration, D=Depletion					S. ²		ore Lining, RC=Root Channel, M=Matrix.
-	Indicators: (Applic	able to all LRR						s for Problematic Hydric Soils ³ :
Histoso	` '			Redox (S5)				Muck (A9) (LRR C)
	pipedon (A2)			d Matrix (Se	,			Muck (A10) (LRR B)
	listic (A3)			Mucky Min				ced Vertic (F18)
	en Sulfide (A4)	-\		Gleyed Ma	. ,			arent Material (TF2)
	d Layers (A5) (LRR	C)		d Matrix (F	,		Other	(Explain in Remarks)
	uck (A9) (LRR D)	- (0.4.4)		Dark Surfac	` '			
	d Below Dark Surfac	ce (A11)		d Dark Sur			31	af hudaankutia waxatatia a and
	ark Surface (A12)			Depression	S (F8)			of hydrophytic vegetation and
	Mucky Mineral (S1)		vernai i	Pools (F9)				d hydrology must be present,
	Gleyed Matrix (S4)						uniess	disturbed or problematic.
	Layer (if present):							
	ovel refusal							
Depth (inc	hes): <u>8</u>						Hydric Soil Pr	resent? Yes No X_
Remarks:								
HYDROLO	GY							
Wetland H	ydrology Indicators	;;					Sec	condary Indicators (2 or more required)
1	icators (minimum of		eck all that app	y)				Water Marks (B1) (Riverine)
	Water (A1)	, , , , , , , , , , , , , , , , , , ,	Salt Crus					Sediment Deposits (B2) (Riverine)
	ater Table (A2)		Biotic Cr					Drift Deposits (B3) (Riverine)
	ion (A3)			nvertebrate	oc (B13)		-	Drainage Patterns (B10)
		rima)			` '			=
	Marks (B1) (Nonrive			n Sulfide O				Dry-Season Water Table (C2)
	ent Deposits (B2) (No			Rhizosphe	_		ots (C3)	Thin Muck Surface (C7)
	eposits (B3) (Nonrive	erine)		of Reduce				Crayfish Burrows (C8)
	Soil Cracks (B6)			on Reduct		d Soils (C		_Saturation Visible on Aerial Imagery (C9)
	tion Visible on Aerial			k Surface				Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (E	kplain in Re	emarks)			_FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat	ter Present?	Yes No	X Depth (inc	hes):				
Water Table		Yes No						
Saturation P		Yes No				Wetla	and Hydrology	Present? Yes No X
	pillary fringe)			, <u> </u>				<u> </u>
Describe Rec	corded Data (stream	gauge, monitorii	ng well, aerial pl	notos, prev	ious inspe	ctions), if	available:	
_								
Remarks:								

Project/Site: Southwest Village Special	iic Plan Project		City/Cour	nty: San Dieg	0	_Sampling Date	: 5/10/23
Applicant/Owner: Tri Point Homes					State: CA	_Sampling Point	t: 299-UPL
Investigator(s): Andrew Smisek			Section,	Township, R	Range: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mes	sa		Local re	lief (concave	, convex, none): none	Slo	pe (%): 0
Subregion (LRR): C		Lat:	32.55434		Long: -117.02270	Datu	ım: NAD83
Soil Map Unit Name: Huerhuero loan	n, 2-9% slopes				NWI classification	on: none	
Are climatic / hydrologic conditions on	the site typical for	or this time o	f year? Yes	x No	o(If no, explain in	Remarks.)	
Are Vegetation, Soil	, or Hydrology	signif	icantly disturb	ped?	Are "Normal Circumstance	es" present? Yes	s x No
Are Vegetation, Soil	<u>,</u> or Hydrology _	natur	ally problema	tic?	(If needed, explain any an	swers in Remark	rs.)
SUMMARY OF FINDINGS – Atta	ich site map s	howing sa	mpling poi	nt location	s, transects, importan	t features, etc	<u>, </u>
Hydrophytic Vegetation Present?	Yes x	No					
Hydric Soil Present?	Yes	No x		he Sampled hin a Wetlan	Yes	No ×	(
Wetland Hydrology Present?	Yes	No x		illi a vvetiali	u:		
Remarks: Paired sample point for fe VEGETATION – Use scientific n		ts.					
<u>Tree Stratum</u> (Plot size:	`	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work		
1.		70 COVEI	Species:	Siaius	Number of Dominant Sp That Are OBL, FACW, of		3 (A)
2.					Total Number of Domina		(/\)
3.					Species Across All Stra		3 (B)
4.					Percent of Dominant Sp		
			= Total Cove	er	That Are OBL, FACW, o	or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1					Prevalence Index worl	ksheet:	
2					Total % Cover of:		iply by:
3					OBL species	x 1 =	
4					FACW species		
5					FAC species		
Herb Stratum (Plot size:	`		= Total Cove	er	FACU species UPL species		
Festuca perennis		35	Υ	FAC	Column Totals:		(B)
2. Hordeum marinum		15	Y	FAC	Column Totals.	(//)	(5)
Spergularia bocconei		15	Y	FACW	Prevalence Inde	ex = B/A =	
Erodium botrys		2	N	FACU	Hydrophytic Vegetation	n Indicators	
5. Avena sp.			N	UPL	x Dominance Test		
6. Medicago polymorpha		1	N	FACU	Prevalence Index		
7.					Morphological Ad		ide supporting
8.		-				ks or on a separ	
		70	= Total Cov	ver	Problematic Hydr	ophytic Vegetati	ion¹ (Explain)
Woody Vine Stratum (Plot size:)						
1					¹ Indicators of hydric so		
2					be present, unless dist	urbed or problen	natic.
% Bare Ground in Herb Stratum	30 % C	over of Biotic	= Total Cove	er	Hydrophytic Vegetation Present?	es x N	No
					. rootiti		
Remarks: The sample area supports	a predominance	ot nydrophyt	uc vegetation.				

SOIL Sampling Point: 299-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

inches))-6	Color (moist)	%	_									
)-6	00101 (1110101)			lor (moist)	%	Type ¹	Loc ²	Textu	ıre		Rema	arks
	10YR 4/3	100						sandy lo	am	no redox		
					_			-				
								_				
		_	_					-				
					_							
			_		_							
Type: C=Con	centration, D=Deple	tion. RM=Re	duced Mat	trix. CS=Cove	red or Coated	Sand Grain	S. 2	Location: PL	=Pore Li	nina. RC=F	Root Channe	el. M=Matrix.
	Indicators: (App						-				atic Hydri	
Histosol		iioabio to u	=:\.\.		Redox (S5					(A9) (LR	•	
	oipedon (A2)				ed Matrix (S	,				k (A3) (Lik k (A10) (L		
Black Hi					y Mucky Mir	,				/ertic (F18		
	en Sulfide (A4)				y Gleyed Ma					nt Material		
_ · ·	d Layers (A5) (LR	R C)			ted Matrix (F					olain in Re		
	ick (A9) (LRR D)	(O)			Dark Surfa				ioi (EX	Jan III I C	ziriarito)	
	d Below Dark Sur	ace (A11)			ted Dark Su	` '						
	ark Surface (A12)	,			(Depression			³ Indica	tors of h	vdrophyti	c vegetation	n and
	lucky Mineral (S1)			l Pools (F9)						ust be pre	
	Gleyed Matrix (S4)				()				-		roblematic	
	_ayer (if present)											
	wal rafugal (aabbl											
Type: sho	ovel refusal (cobbl	es)						Libraria O a	1 D	- 10		NI.
Type: sho			/ed.					Hydric So	il Prese	nt? \	/es	No <u>x</u>
Type: sho Depth (inch emarks: No	nes): <u>6</u> o hydric soil indica		ved.					Hydric So	il Prese	nt? \	res	No <u>x</u>
Type: sho	nes): 6 o hydric soil indica	ators observ	ved.					Hydric So				
Type: sho Depth (inch emarks: No /DROLOG Vetland Hy	nes): 6 o hydric soil indica	ators observ		rk all that an	unly)			Hydric So	Secon	dary Indid	cators (2 c	or more requ
Type: sho Depth (inch emarks: No 'DROLOG Vetland Hy Primary India	nes): 6 o hydric soil indica SY drology Indicato cators (minimum	ators observ						Hydric So	Secon Wa	dary Indio	cators (2 c	or more requerine)
Type: sho Depth (inch emarks: No /DROLOG Wetland Hy Primary IndicSurface	nes): 6 o hydric soil indica o	ators observ		Salt Cri	ust (B11)			Hydric So	Secon Wa	dary Indio nter Marks	cators (2 c 6 (B1) (Rive eposits (B2	or more requerine)
Type: sho Depth (inch emarks: No /DROLOG Vetland Hy Primary India Surface High Wa	hes): 6 b hydric soil indicator cators (minimum of Water (A1) ater Table (A2)	ators observ		Salt Cru Biotic C	ust (B11) Crust (B12)	(040)		Hydric So	Secon Wa	dary Indio tter Marks diment De ft Deposit:	cators (2 c s (B1) (Rive eposits (B2 s (B3) (Riv	or more requ erine)) (Riverine) erine)
Type: sho Depth (inch emarks: No /DROLOG Vetland Hy Primary India Surface High Wa Saturatio	hes): 6 b hydric soil indicated a second control of the control of	ntors observers: of one requi		Salt Cru Biotic C	ust (B11) Crust (B12) Clnvertebrat			Hydric So	Secon Wa Sea Drii	dary India Iter Marks diment De It Deposita Inage Pa	cators (2 c s (B1) (Rive eposits (B2 s (B3) (Riv tterns (B10	or more requerine)) (Riverine) erine)
Type: sho Depth (inch emarks: No /DROLOG Wetland Hy Primary India Surface High Wa Saturatio Water M	hes): 6 hydric soil indicate drology Indicate cators (minimum Water (A1) ater Table (A2) on (A3) farks (B1) (Nonrin	etors observors: of one requi	ired; ched	Salt Cru Biotic C Aquatic Hydrog	ust (B11) Crust (B12) Invertebrat	Odor (C1)			Secon Wa Sec Drii Dra	dary Indicater Markstein Defit Deposits in Deposits in Deposits in Age Parkstein Parks	cators (2 c 6 (B1) (Rive eposits (B2 s (B3) (Riv tterns (B10 Water Tab	or more requerine)) (Riverine) erine)))
Type: sho Depth (inch emarks: No /DROLOG Wetland Hy Primary India Surface High Wa Saturatio Water M Sedimer	hes): 6 b hydric soil indicate cators (minimum of the water (A1) ater Table (A2) on (A3) flarks (B1) (Nonrint Deposits (B2) (ers: of one requi	ired; ched	Salt Cru Biotic C Aquatic Hydrog Oxidize	ust (B11) Crust (B12) Crust (B	Odor (C1) eres along	-		Secon Wa Sec Drit Dra Dry	dary Indicater Marks diment Defit Deposits dinage Paricason on Muck S	cators (2 c 6 (B1) (Rive eposits (B2 s (B3) (Rive tterns (B10 Water Tab urface (C7	or more requerine)) (Riverine) erine)))
Type: sho Depth (inch Depth (inch Demarks: No YDROLOG Wetland Hy Primary India Surface High Wa Saturatio Water M Sedimer Drift Dep	by drology Indicate cators (minimum water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrint Deposits (ers: of one requi	ired; ched	Salt Cri Biotic C Aquatic Hydrog Oxidize Presen	ust (B11) Crust (B12) Invertebraten Sulfide Ced Rhizosph	Odor (C1) eres along ced Iron (C	4)	ots (C3)	Secondary Secondary Driver Driver Dry Thing Creen	dary India ter Marks diment De ft Deposits ainage Pa /-Season n Muck S ayfish Bur	cators (2 control of the control of	or more requerine)) (Riverine) erine))) le (C2)
Type: sho Depth (inch Depth (inch Demarks: No YDROLOG Wetland Hy Primary India Surface High Wa Saturatic Water M Sedimer Drift Dep Surface	hes): 6 hydric soil indicator cators (minimum water (A1) ater Table (A2) on (A3) flarks (B1) (Nonrient Deposits (B2) (posits (B3) (Nonries) Soil Cracks (B6)	rs: of one requi	ired; ched	Salt Cro Biotic C Aquatic Hydrog Oxidize Presen Recent	ust (B11) Crust (B12) Invertebraten Sulfide Ced Rhizosph ce of Reduc	Odor (C1) eres along ced Iron (Cotion in Tille	4)	ots (C3)	Secon. See Drii Dra Dry Thi Cra Sat	dary India ter Marks diment De ft Deposits ainage Pa r-Season n Muck S ayfish Buri turation Vi	cators (2 c s (B1) (Rive eposits (B2 s (B3) (Riv tterns (B10 Water Tab urface (C7 rows (C8) isible on Ar	or more requerine)) (Riverine) erine)))
Type: sho Depth (inch emarks: No /DROLOG Vetland Hy Primary India Surface High Wa Saturatia Water M Sedimer Drift Dep Surface	by drology Indicate cators (minimum water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrint Deposits (rs: of one requi	ired; ched	Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mi	ust (B11) Crust (B12) Invertebrate en Sulfide Cad Rhizosphace of Reduction R	Odor (C1) eres along ced Iron (Cotion in Tille (C7)	4)	ots (C3)	Secon Wa See Drii Dra Dry Thi Cra Sat	dary India ter Marks diment De ft Deposits ainage Pa a-Season n Muck S ayfish Burk turation Viallow Aqu	cators (2 c is (B1) (Rive eposits (B2 is (B3) (Rive tterns (B10 Water Tab urface (C7 rows (C8) isible on Ac itard (D3)	or more requerine)) (Riverine) erine))) le (C2)
Type: sho Depth (inch emarks: No /DROLOG Vetland Hy Primary India Surface High Wa Saturati Water M Sedimer Drift Dep Surface Inundati	hes): 6 hydric soil indicator cators (minimum water (A1) ater Table (A2) on (A3) flarks (B1) (Nonrient Deposits (B2) (posits (B3) (Nonries) Soil Cracks (B6)	rs: of one requi	ired; ched	Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mi	ust (B11) Crust (B12) Invertebraten Sulfide Ced Rhizosph ce of Reduc	Odor (C1) eres along ced Iron (Cotion in Tille (C7)	4)	ots (C3)	Secon Wa See Drii Dra Dry Thi Cra Sat	dary India ter Marks diment De ft Deposits ainage Pa a-Season n Muck S ayfish Burk turation Viallow Aqu	cators (2 c s (B1) (Rive eposits (B2 s (B3) (Riv tterns (B10 Water Tab urface (C7 rows (C8) isible on Ar	or more requerine)) (Riverine) erine))) le (C2)
Type: sho Depth (inch emarks: No /DROLOG /Vetland Hy Primary India Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundati Water-S	by drology Indicate cators (minimum water (A1) arer Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonri Soil Cracks (B6) on Visible on Aeristained Leaves (B	rs: of one requi	ired; ched	Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mi	ust (B11) Crust (B12) Invertebrate en Sulfide Cad Rhizosphace of Reduction R	Odor (C1) eres along ced Iron (Cotion in Tille (C7)	4)	ots (C3)	Secon Wa See Drii Dra Dry Thi Cra Sat	dary India ter Marks diment De ft Deposits ainage Pa a-Season n Muck S ayfish Burk turation Viallow Aqu	cators (2 c is (B1) (Rive eposits (B2 is (B3) (Rive tterns (B10 Water Tab urface (C7 rows (C8) isible on Ac itard (D3)	or more requerine)) (Riverine) erine))) le (C2)
Type: sho Depth (inch Depth (inch Demarks: No Post No	hes): 6 hydric soil indicator of hydric soil indicator of drology Indicator cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrient Deposits (B2) (posits (B3) (Nonries) Soil Cracks (B6) on Visible on Aeristained Leaves (Boyations:	rs: of one requi	e)	Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mi Other (ust (B11) Crust (B12) Invertebrate en Sulfide Cad Rhizosphace of Reduction R	Odor (C1) eres along ced Iron (Cotion in Tille (C7)	4)	ots (C3)	Secon Wa See Drii Dra Dry Thi Cra Sat	dary India ter Marks diment De ft Deposits ainage Pa a-Season n Muck S ayfish Burk turation Viallow Aqu	cators (2 c is (B1) (Rive eposits (B2 is (B3) (Rive tterns (B10 Water Tab urface (C7 rows (C8) isible on Ac itard (D3)	or more requerine)) (Riverine) erine))) le (C2)
Type: sho Depth (inch Temarks: No TOROLOG Wetland Hy Primary India Surface High Wa Saturati Water M Sedimer Drift Dep Surface Inundati	hes): 6 hydric soil indicator of hydric soil indicator of drology Indicator cators (minimum Water (A1) ater Table (A2) on (A3) flarks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrint Soil Cracks (B6) on Visible on Aeristained Leaves (Boyations: are Present?	verine) Nonriverine verine) al Imagery 9)	e) (B7)	Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mi Other (i	ust (B11) Crust (B12) Invertebrate en Sulfide Ced Rhizosphace of Reduction Reduction Reduction Reduction Region Resplain in Resplain in Response en Resplain in Response en Resplain in Response en Resplain in Response en Re	Odor (C1) eres along ced Iron (Cotion in Tille (C7)	4)	ots (C3)	Secon Wa See Drii Dra Dry Thi Cra Sat	dary India ter Marks diment De ft Deposits ainage Pa a-Season n Muck S ayfish Burk turation Viallow Aqu	cators (2 c is (B1) (Rive eposits (B2 is (B3) (Rive tterns (B10 Water Tab urface (C7 rows (C8) isible on Ac itard (D3)	or more requerine)) (Riverine) erine))) le (C2)
Type: sho Depth (inch emarks: No /DROLOG /Petland Hy Primary India Surface High Wa Saturatia Water M Sedimer Drift Dep Surface Inundati Water-S ield Observ	hes): 6 hydric soil indicator of hydric soil indicator of drology Indicator cators (minimum Water (A1) ater Table (A2) on (A3) flarks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrint Deposits (B3) (Nonrint Deposits (B6) on Visible on Aeristained Leaves (Boyations: er Present?	verine) Nonriverine verine) al Imagery	e) (B7)	Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mi Other (Depth (ir	ust (B11) Crust (B12) Invertebrate en Sulfide Ced Rhizosphace of Reduction Reduction Reduction Respective Surface Explain in Respective Respect	Odor (C1) eres along ced Iron (Cotion in Tille (C7)	4) d Soils (C	ots (C3)	Secon Secon Secon Drii Dra Dry Thi Cra Sat Sha	dary India ter Marks diment De ft Deposits ainage Pa a-Season n Muck S ayfish Burk turation Vi allow Aqu C-Neutral	cators (2 c is (B1) (Rive eposits (B2 is (B3) (Rive tterns (B10 Water Tab urface (C7 rows (C8) isible on Ac itard (D3) Test (D5)	or more requerine)) (Riverine) erine))) le (C2)) erial Imagery
Type: sho Depth (inch emarks: No "DROLOG Vetland Hy Primary India Surface High Wa Saturatia Water M Sedimer Drift Dep Surface Inundati Water-S deld Observariace Water Table aturation Pr	hes): 6 hydric soil indicator of hydric soil indicator of drology Indicator cators (minimum Water (A1) ater Table (A2) on (A3) flarks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrint Deposits (B3) (Nonrint Deposits (B6) on Visible on Aeristained Leaves (Boyations: er Present?	verine) Nonriverine verine) al Imagery 9) Yes Yes	e) (B7)	Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mi Other (Depth (ir	ust (B11) Crust (B12) Invertebrate en Sulfide Ced Rhizosphace of Reduction Reduction Reduction Respective Surface Explain in Respective Respect	Odor (C1) eres along ced Iron (Cotion in Tille (C7)	4) d Soils (C	ots (C3)	Secon Secon Secon Drii Dra Dry Thi Cra Sat Sha	dary India ter Marks diment De ft Deposits ainage Pa a-Season n Muck S ayfish Burk turation Vi allow Aqu C-Neutral	cators (2 c is (B1) (Rive eposits (B2 is (B3) (Rive tterns (B10 Water Tab urface (C7 rows (C8) isible on Ac itard (D3)	or more requerine)) (Riverine) erine))) le (C2)) erial Imagery
Type: sho Depth (inch emarks: No /DROLOG Vetland Hy Primary India Surface High Wa Saturatio Water N Sedimer Drift Dep Surface Inundati Water-S ield Observ urface Water /ater Table aturation Princludes cap	hes): 6 hydric soil indicator of hydric soil indicator of drology Indicator cators (minimum water (A1) ater Table (A2) on (A3) flarks (B1) (Nonrint Deposits (B2) (Nonrint Deposits (B3	verine) Nonriverine verine) al Imagery 9) Yes Yes Yes Yes	(B7) No No No	Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mi Other (i	ust (B11) Crust (B12) Invertebrate en Sulfide Cod Rhizosphace of Reductor Iron Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Su	Odor (C1) peres along ced Iron (C- tion in Tille (C7) emarks)	4) d Soils (C	ots (C3)	Secon Secon Secon Drii Dra Dry Thi Cra Sat Sha	dary India ter Marks diment De ft Deposits ainage Pa a-Season n Muck S ayfish Burk turation Vi allow Aqu C-Neutral	cators (2 c is (B1) (Rive eposits (B2 is (B3) (Rive tterns (B10 Water Tab urface (C7 rows (C8) isible on Ac itard (D3) Test (D5)	or more requerine)) (Riverine) erine))) le (C2)) erial Imagery
Type: sho Depth (inch emarks: No "DROLOG Vetland Hy rimary India Surface High Wa Saturatia Water M Sedimer Drift Dep Surface Inundati Water-S eld Observation Princludes cap	hes): 6 hydric soil indicator of hydric soil indicator of drology Indicator cators (minimum water (A1) ater Table (A2) on (A3) flarks (B1) (Nonrint Deposits (B2) (Nonrint Deposits (B3	verine) Nonriverine verine) al Imagery 9) Yes Yes Yes Yes	(B7) No No No	Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mi Other (i	ust (B11) Crust (B12) Invertebrate en Sulfide Cod Rhizosphace of Reductor Iron Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Su	Odor (C1) peres along ced Iron (C- tion in Tille (C7) emarks)	4) d Soils (C	ots (C3)	Secon Secon Secon Drii Dra Dry Thi Cra Sat Sha	dary India ter Marks diment De ft Deposits ainage Pa a-Season n Muck S ayfish Burk turation Vi allow Aqu C-Neutral	cators (2 c is (B1) (Rive eposits (B2 is (B3) (Rive tterns (B10 Water Tab urface (C7 rows (C8) isible on Ac itard (D3) Test (D5)	or more requerine)) (Riverine) erine))) le (C2)) erial Imagery
Type: sho Depth (inch emarks: No Primary India Surface High Water M Sedimer Drift Dep Surface Inundati Water-S eld Observ urface Water dater Table aturation Princludes cap scribe Reco	drology Indicated cators (minimum water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B3) (Nonrint Deposits (B3) (Nonrint Deposits (B4) on Visible on Aeristained Leaves (Bayations: er Present? Present? ersent?	verine) Nonriverine verine) al Imagery 9) Yes Yes Yes The state of th	e) (B7) No No No nonitoring	Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mi Other (i	ust (B11) Crust (B12) Invertebrate en Sulfide Cod Rhizosphace of Reductor Iron Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Su	Odor (C1) peres along ced Iron (C- tion in Tille (C7) emarks)	4) d Soils (C	ots (C3)	Secon Secon Secon Drii Dra Dry Thi Cra Sat Sha	dary India ter Marks diment De ft Deposits ainage Pa a-Season n Muck S ayfish Burk turation Vi allow Aqu C-Neutral	cators (2 c is (B1) (Rive eposits (B2 is (B3) (Rive tterns (B10 Water Tab urface (C7 rows (C8) isible on Ac itard (D3) Test (D5)	or more requerine)) (Riverine) erine))) le (C2)) erial Imagery
Type: sho Depth (inch Depth (i	hes): 6 hydric soil indicator of hydric soil indicator of drology Indicator cators (minimum water (A1) ater Table (A2) on (A3) flarks (B1) (Nonrint Deposits (B2) (Nonrint Deposits (B3) (Nonrint Deposits (B6) on Visible on Aeristained Leaves (Bovations: er Present? Present? resent?	verine) Nonriverine verine) al Imagery 9) Yes Yes Yes The state of th	e) (B7) No No No nonitoring	Salt Cri Biotic C Aquatic Hydrog Oxidize Presen Recent Thin Mi Other (i Depth (ir Depth (ir Depth (ir	ust (B11) Crust (B12) Invertebrate en Sulfide Cod Rhizosphace of Reductor Iron Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Explain in Reductor Surface Su	Odor (C1) peres along ced Iron (C- tion in Tille (C7) emarks)	4) d Soils (C	ots (C3)	Secon Secon Secon Drii Dra Dry Thi Cra Sat Sha	dary India ter Marks diment De ft Deposits ainage Pa a-Season n Muck S ayfish Burk turation Vi allow Aqu C-Neutral	cators (2 c is (B1) (Rive eposits (B2 is (B3) (Rive tterns (B10 Water Tab urface (C7 rows (C8) isible on Ac itard (D3) Test (D5)	or more requerine)) (Riverine) erine))) le (C2)) erial Imagery

Project/Site: Southwest Village Specific Plan Project	ect	City/Coun	ty: San Dieg	0	Sar	npling Date	e: <u>5/26/</u> 2	23
Applicant/Owner: Tri Point Homes				State:	CA Sar	npling Poin	ıt: <u>311-L</u>	JPL
Investigator(s): Andrew Smisek		Section,	Township, R	ange: Section 31,	T18S R01V	V		
Landform (hillslope, terrace, etc.): mesa		Local rel	ief (concave,	convex, none): nor	ne	Slo	ope (%):	0
Subregion (LRR): C	Lat:	32.55024		Long: <u>-117.00999</u>)	Dati	um: <u>NAD</u>	083
Soil Map Unit Name: Olivenhain cobbly loam, 9-3	0% slopes			NWI class	sification: n	one		
Are climatic / hydrologic conditions on the site typic	cal for this time of	year? Yes	x No	(If no, exp	lain in Ren	narks.)		
Are Vegetation, Soil, or Hydrolog	gysignifi	cantly disturb	ed?	Are "Normal Circum	stances" pı	esent? Ye	s x	No
Are Vegetation, Soil, or Hydrolog	gynatura	ally problemat	ic?	(If needed, explain a	ny answer	s in Remar	ks.)	
SUMMARY OF FINDINGS – Attach site ma	ap showing sa	mpling poir	nt locations	s, transects, imp	ortant fea	itures, et	c.	
Hydrophytic Vegetation Present? Yes	No x	1- 41	. 0	A				
Hydric Soil Present? Yes	No x		ie Sampled . in a Wetland	Ye	es	No	X	
Wetland Hydrology Present? Yes	No x		iii a vvetiaii	u:				
Remarks: Paired sample point for feature #311. VEGETATION – Use scientific names of p	lants.							
	Absolute	Dominant	Indicator	Dominance Test	workshee	t:		
Tree Stratum (Plot size:) 1	% Cover	Species?	Status	Number of Domin That Are OBL, FA			0	(A)
2. 3.				Total Number of I Species Across A			1	(B)
4.		= Total Cove	ır	Percent of Domin That Are OBL, FA			0	(A/B)
Sapling/Shrub Stratum (Plot size:	, ———	- Total Cove	i					
1.	_ ′			Prevalence Inde	x workshe	et:		
2.				Total % Cove			tiply by:	
3.				OBL species	0	x 1 =	0	
4.				FACW species	0	x 2 =	0	
5.				FAC species	2	x 3 =	6	
		= Total Cove	r	FACU species	0	x 4 =	0	
Herb Stratum (Plot size:)				UPL species	96	x 5 =	480	
1. Festuca perennis	2	N	FAC	Column Totals:	98	(A)	486	(B)
2. Avena sp	95	Υ	UPL	Prevalenc	e Index = E	8/A = 5.0		
3. Calochortus splendens	1	N	NI					
4. Stipa pulchra	1	N	UPL	Hydrophytic Veg	getation In	dicators:		
5. Hooveria parviflora	1	N	NI	Dominance	Test is >5	0%		
6. 7.				Prevalence Morphologi			∕ide sup∤	porting
8.	100	= Total Cov	er	data in F	Remarks or	•		,
Woody Vine Stratum (Plot size:1.)			¹Indicators of hyd				
2.				be present, unle				
		= Total Cove	r	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum0	% Cover of Biotic	Crust		Present?	Yes		Nox	
Remarks: The sample area does not support a pro	edominance of hy	vdrophytic veg	getation.					

SOIL Sampling Point: 311-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches) 0-18	Color (moist) 10YR 3/2	%	Col	or (moist)	%	Type			•		Remai	'ks	
0-18	10YR 3/2					Type ¹	Loc ²	Textur	<u>e</u>				
		100						sandy cla	y no i	edox	C=Root Channel, M=Matrix lematic Hydric Soils ³ : (LRR C)) (LRR B)		
,													
Tuno: C-Con	centration, D=Deple	tion PM_Pod	duood Mote	iv CS_Cov	orod or Coot	od Cond Crain	. 2	Location: DL –	Poro Lining	PC-Pos	t Channal	NA_Natrix	
	Indicators: (App						J.						-
-		ilicable to al	II LNNS,								-	Julia .	
Histosol	` '				y Redox (S	,			•	, ,	,		
	oipedon (A2)				oed Matrix (` '					(B)		
Black His					ny Mucky M				luced Verti				
	en Sulfide (A4)	D O \			ny Gleyed N					,	•		
	Layers (A5) (LR	R C)			eted Matrix	` '		Oth	er (Explain	in Rem	arks)		
	ick (A9) (LRR D)				x Dark Sur	` ,							
	d Below Dark Sur	face (A11)				Surface (F7)		21 11 .					
	ark Surface (A12)				x Depressi				-		_		
	Mucky Mineral (S1			Verna	al Pools (F9	9)						ent,	
	Gleyed Matrix (S4))						unle	ss disturbe	d or pro	blematic.		
Sandy G													
	_ayer (if present)):											
	_ayer (if present)	:											
Restrictive L Type: Depth (inch			ed.					Hydric Soil	Present?	Yes		No_	Х
Restrictive L Type: Depth (inche) Remarks: No	nes):o hydric soil indica	ators observe	ed.										
Restrictive L Type: Depth (inch Remarks: No	nes): o hydric soil indica GY drology Indicato	ators observe							Secondary	/ Indica	tors (2 or	more re	
Restrictive L Type: Depth (inch Remarks: No	nes): o hydric soil indica SY drology Indicato cators (minimum	ators observe							Secondary Water I	/ Indica Marks (E	tors (2 or	more re	quire
Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hy Primary Indic Surface	o hydric soil indica GY drology Indicator cators (minimum water (A1)	ators observe		Salt C	rust (B11)				Secondary Water I	<u>r Indica</u> Marks (E	tors (2 or 31) (River posits (B2)	more reine)	quire
Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hy Primary Indic Surface	nes): o hydric soil indica SY drology Indicato cators (minimum	ators observe		Salt C)			Secondary Water I	<u>r Indica</u> Marks (E	tors (2 or 31) (River posits (B2)	more reine)	quire
Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hy Primary Indic Surface	hes): b hydric soil indicate GY drology Indicate cators (minimum Water (A1) ater Table (A2)	ators observe		Salt C Biotic	rust (B11)				Secondary Water I Sedime	/ Indica Marks (E ent Depo eposits (I	tors (2 or 81) (River osits (B2) B3) (River	more re rine) (Riverin	quire
Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hy Primary India Surface High Wa Saturatio	hes): b hydric soil indicate GY drology Indicate cators (minimum Water (A1) ater Table (A2)	etors observe ors: of one requir		Salt C Biotic Aquati	rust (B11) Crust (B12) c Invertebr				Secondary Water I Sedime Drift De	r Indicat Marks (E ent Depo eposits (I ge Patte	tors (2 or 31) (River osits (B2) B3) (River rns (B10)	more retrine)	quire
Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hy Primary India Surface High Wa Saturatic Water M	hes):	entors observe ors: of one require	red; chec - - -	Salt C Biotic Aquati Hydro	rust (B11) Crust (B12) c Invertebra gen Sulfide	ates (B13)	Living Ro	<u>\$</u>	Secondary Water I Sedime Drift De Drainae Dry-Se	r Indicat Marks (E ent Depo eposits (I ge Patte ason Wa	tors (2 or 31) (River sits (B2) B3) (River rns (B10) ater Table	more retrine)	quire
Primary India Surface High Water M Sedimer	o hydric soil indica by drology Indicato cators (minimum Water (A1) ater Table (A2) on (A3) flarks (B1) (Nonrin	etors observe ors: of one require verine)	red; chec - - -	Salt C Biotic Aquati Hydro	rust (B11) Crust (B12) c Invertebra gen Sulfide ed Rhizosp	ates (B13) Odor (C1)	_	<u>\$</u>	Secondary Water I Sedime Drift De Drainae Dry-Se	r Indicat Marks (E ent Depo eposits (I ge Patte ason Wa uck Surf	tors (2 or 31) (River sits (B2) B3) (River rns (B10) ater Table ace (C7)	more retrine)	quire
Primary India Surface High Water M Sedimer Drift Dep	o hydric soil indicated by the drology Indicated cators (minimum water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrint Deposits ors observe ors: of one require verine)	red; chec - - -	Salt C Biotic Aquati Hydro Oxidiz Prese	rust (B11) Crust (B12) c Invertebra gen Sulfide ed Rhizosp nce of Redi	ates (B13) Odor (C1) Oheres along uced Iron (C	4)		Secondary Water I Sedime Drift De Drainag Dry-Se Thin Me	v Indicat Marks (E ent Depo eposits (I ge Patte ason Wa uck Surf h Burrov	tors (2 or B1) (River B3) (River B3) (River From (B10) ace (C7) vs (C8)	more reine) (Riverine) rine)	equire	
Primary Indice Saturatice Water M Saturatice Water M Sedimer Drift Dep Surface Surface High Water M Sedimer Drift Dep Surface	o hydric soil indicated by the soil cators (minimum of water (A1) ater Table (A2) on (A3) flarks (B1) (Nonrient Deposits (B2) (posits (B3) (Nonries Soil Cracks (B6)	ors: of one require verine) Nonriverine iverine)	red; chec - - - - - 2)	Salt C Biotic Aquati Hydro Oxidiz Presel Recen	rust (B11) Crust (B12) c Invertebringen Sulfider ed Rhizospince of Reduttion	ates (B13) Odor (C1) Oheres along uced Iron (Couction in Tille	4)		Secondary Water I Sedime Drift De Drainae Dry-Se Thin Me Crayfis Saturat	r Indicate Marks (E ent Deposits (I ge Patte ason Wa uck Surf h Burrov ion Visit	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) olle on Ae	more reine) (Riverine) rine)	equire
Primary Indices Saturation Water M Sedimer Drift Dep Surface High Water M Sedimer Drift Dep Surface Inundation	drology Indicate cators (minimum water (A1) ater Table (A2) on (A3) darks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrins Soil Cracks (B6) on Visible on Aeri	ors: of one require verine) Nonriverine iverine)	red; chec - - - - - 2)	Salt C Biotic Aquati Hydro Oxidiz Preser Recen Thin M	rust (B11) Crust (B12) c Invertebringen Sulfide ed Rhizospince of Redu t Iron Redu fuck Surface	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4)		Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov	v Indicar Marks (E ent Deposits (I ge Patte ason Wa uck Surf h Burrov ion Visik v Aquitar	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae	more reine) (Riverine) rine)	equire
Primary Indice Saturatice Water M Sedimer Drift Dep Surface High Wa Saturatice Water M Sedimer Drift Dep Surface Inundatic Water-S	o hydric soil indicated by the drology Indicated cators (minimum Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrins Soil Cracks (B6) on Visible on Aeristained Leaves (B	ors: of one require verine) Nonriverine iverine)	red; chec - - - - - 2)	Salt C Biotic Aquati Hydro Oxidiz Preser Recen Thin M	rust (B11) Crust (B12) c Invertebringen Sulfider ed Rhizospince of Reduttion	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4)		Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov	r Indicate Marks (E ent Deposits (I ge Patte ason Wa uck Surf h Burrov ion Visit	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae	more reine) (Riverine) rine)	equire
Primary Indices Saturation Water M Sedimer Drift Dep Surface Inundation Water-Selection Services Selection Services Surface Inundation Selection Services Surface Inundation Selection Services Surface Inundation Selection Services Surface Inundation Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Selection Services Selection Selec	o hydric soil indicated by the drology Indicated cators (minimum Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrins Soil Cracks (B6) on Visible on Aeristained Leaves (Bayations:	verine) Nonriverine iverine) al Imagery (red; chec	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M	rust (B11) Crust (B12) c Invertebra gen Sulfide ed Rhizosp nce of Reda t Iron Reda fuck Surfac (Explain in	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4)		Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov	v Indicar Marks (E ent Deposits (I ge Patte ason Wa uck Surf h Burrov ion Visik v Aquitar	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae	more reine) (Riverine) rine)	equire
Primary Indices Saturation Water M Sedimer Drift Dep Surface Inundation Water-Surface	by hydric soil indicated and soil cators (minimum of the cators (min	entors observed prs: of one require Nonriverine iverine) ial Imagery (19) Yes	red; chec	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M Other	rust (B11) Crust (B12) c Invertebringen Sulfide ed Rhizospince of Redu tit Iron Redu fluck Surfact (Explain in	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4)		Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov	v Indicar Marks (E ent Deposits (I ge Patte ason Wa uck Surf h Burrov ion Visik v Aquitar	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae	more reine) (Riverine) rine)	equire
Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hy Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundatio Water-S Gurface Water Vater Table	hes):	verine) Nonriverine iverine) fal Imagery (9) Yes Yes	red; chec	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M Other Depth (Depth (rust (B11) Crust (B12) c Invertebringen Sulfide ed Rhizospince of Redu tit Iron Redu fluck Surfact (Explain in inches): inches):	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4) d Soils (C	ots (C3)	Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov FAC-N	r Indicar Marks (E ent Depo eposits (I ge Patte ason Wa uck Surf h Burrov ion Visik v Aquital eutral Te	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae rd (D3) est (D5)	more reine) (Riverine) e (C2)	quire
Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hy Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundatio Water-S Gurface Water Vater Table	o hydric soil indicated by the cators (minimum of the cators (minimu	entors observed prs: of one require Nonriverine iverine) ial Imagery (19) Yes	red; chec	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M Other Depth (Depth (rust (B11) Crust (B12) c Invertebringen Sulfide ed Rhizospince of Redu tit Iron Redu fluck Surfact (Explain in	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4) d Soils (C		Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov FAC-N	r Indicar Marks (E ent Depo eposits (I ge Patte ason Wa uck Surf h Burrov ion Visik v Aquital eutral Te	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae	more reine) (Riverine) e (C2)	quire
Restrictive L Type: Depth (inch Remarks: No IYDROLOG Wetland Hy Primary Indio Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundatio Water-S Field Observ	o hydric soil indicated by the drology Indicated cators (minimum Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrins Soil Cracks (B6) on Visible on Aeristained Leaves (Bayations:	verine) Nonriverine iverine) al Imagery (red; chec	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M	rust (B11) Crust (B12) c Invertebra gen Sulfide ed Rhizosp nce of Reda t Iron Reda fuck Surfac (Explain in	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4)		Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov	v Indicar Marks (E ent Deposits (I ge Patte ason Wa uck Surf h Burrov ion Visik v Aquitar	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae	more reine) (Riverine) rine)	equire
Restrictive L Type: Depth (inch Remarks: No IYDROLOG Wetland Hy Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundatio Water-S Field Observ Surface Water Water Table	hes):	verine) Nonriverine iverine) fal Imagery (9) Yes Yes	red; chec	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M Other Depth (Depth (rust (B11) Crust (B12) c Invertebringen Sulfide ed Rhizospince of Redu tit Iron Redu fluck Surfact (Explain in inches): inches):	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4) d Soils (C	ots (C3)	Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov FAC-N	r Indicar Marks (E ent Depo eposits (I ge Patte ason Wa uck Surf h Burrov ion Visik v Aquital eutral Te	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae rd (D3) est (D5)	more reine) (Riverine) e (C2)	quire
Restrictive L Type: Depth (inch Remarks: No IYDROLOG Wetland Hy Primary Indio Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundatio Water-S	o hydric soil indicated by the drology Indicated cators (minimum Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrins Soil Cracks (B6) on Visible on Aeristained Leaves (Bayations:	verine) Nonriverine iverine) al Imagery (red; chec	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M	rust (B11) Crust (B12) c Invertebra gen Sulfide ed Rhizosp nce of Reda t Iron Reda fuck Surfac (Explain in	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4)		Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov	v Indicar Marks (E ent Deposits (I ge Patte ason Wa uck Surf h Burrov ion Visik v Aquitar	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae	more reine) (Riverine) rine)	equire
Restrictive L Type: Depth (inch Remarks: No IYDROLOG Wetland Hy Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundatio Water-S Field Observ Surface Water	by hydric soil indicated and soil cators (minimum of the cators (min	entors observed prs: of one require Nonriverine iverine) ial Imagery (19) Yes	red; chec	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M Other	rust (B11) Crust (B12) c Invertebringen Sulfide ed Rhizospince of Redu tit Iron Redu fluck Surfact (Explain in	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4)		Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov	v Indicar Marks (E ent Deposits (I ge Patte ason Wa uck Surf h Burrov ion Visik v Aquitar	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae	more reine) (Riverine) rine)	equire
Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hy Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundatio Water-S Field Observ Surface Water Vater Table I Saturation Pr	o hydric soil indicated by the cators (minimum of the cators (minimu	verine) Nonriverine iverine) fal Imagery (9) Yes Yes	red; chec	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M Other Depth (Depth (rust (B11) Crust (B12) c Invertebringen Sulfide ed Rhizospince of Redu tit Iron Redu fluck Surfact (Explain in inches): inches):	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4) d Soils (C	ots (C3)	Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov FAC-N	r Indicar Marks (E ent Depo eposits (I ge Patte ason Wa uck Surf h Burrov ion Visik v Aquital eutral Te	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae rd (D3) est (D5)	more reine) (Riverine) e (C2)	quire

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	0	Sar	npling Date	: 6/20/2	23
Applicant/Owner: Tri Point Homes				State:	CA Sar	mpling Poin	t: <u>331-U</u>	JPL
Investigator(s): Andrew Smisek		Section,	Township, R	ange: Section 31,	T18S R01V	٧		
Landform (hillslope, terrace, etc.): mesa		Local re	lief (concave,	, convex, none): <u>no</u>	ne	Slo	pe (%):	0
Subregion (LRR): C	Lat:	32.55239		Long: <u>-117.0232</u> 4	4	Datu	ım: <u>NAD</u>)83
Soil Map Unit Name: Olivenhain cobbly loam, 9-30%	% slopes			NWI class	sification: n	none		
Are climatic / hydrologic conditions on the site typical	for this time o	f year? Yes	x No	o(If no, exp	olain in Ren	narks.)		
Are Vegetation, Soil, or Hydrology	signif	icantly disturb	ed?	Are "Normal Circum	ıstances" pı	resent? Ye	s x	No
Are Vegetation, Soil, or Hydrology	natur	ally problema	tic?	(If needed, explain a	any answer	s in Remarl	ks.)	
SUMMARY OF FINDINGS – Attach site map	showing sa	mpling poi	nt location	s, transects, imp	ortant fea	atures, etc).	
Hydrophytic Vegetation Present? Yes	No x			_				
Hydric Soil Present? Yes	No x		ne Sampled nin a Wetlan	Y	es	No :	x	
Wetland Hydrology Present? Yes	No x	with	iin a vvetian	ur				
Remarks: Paired sample point for feature #331.								
VEGETATION – Use scientific names of pla								
Tree Stratum (Plot size:) 1.	Absolute % Cover	Dominant Species?	Indicator Status	Number of Domir That Are OBL, FA	nant Specie	s	0	(A)
2. 3.				Total Number of I Species Across A	Dominant			
4.				Percent of Domin			1	(B)
		= Total Cove	ar .	That Are OBL, FA			0	(A/B)
Sapling/Shrub Stratum (Plot size:)	- rotal 00v	21					
1.	,			Prevalence Inde	x workshe	et:		
2.				Total % Cove	er of:	Mult	iply by:	
3.	-			OBL species	0	x 1 =	0	
4.				FACW species	0	x 2 =	0	
5.				FAC species	1	x 3 =	3	
		= Total Cove	er	FACU species	27	x 4 =	108	
Herb Stratum (Plot size:)	·			UPL species	70	x 5 =	350	
1. Bromus rubens	10	N	UPL	Column Totals:	98	(A)	461	(B)
2. Deinandra fasciculatum	10	N	FACU	Prevalenc	ce Index = E	8/A = 4.7		
3. Selaginella cinerascens	60	Y	UPL					_
4. Festuca perennis	1	N	FAC	Hydrophytic Veg	getation In	dicators:		
5. Erodium sp	15	N	FACU	Dominance	e Test is >5	0%		
6. Bromus hordeaceus	1	N	FACU	Prevalence	e Index is ≤	3.0 ¹		
7. Lamarckia aurea 8.	1	N	FACU	Morphologi data in I		tions¹ (Prov · on a sepai		
Woody Vine Stratum (Plot size:) 98	= Total Cov	ver .	Problemati	c Hydrophy	rtic Vegetat	ion¹ (Exp	olain)
1				¹ Indicators of hy be present, unle				/ must
	98	= Total Cove	er	Hydrophytic				
% Bare Ground in Herb Stratum %	Cover of Biotic	Crust		Vegetation Present?	Yes		Nox	
Remarks: The sample area does not support a pred	ominance of h	ydrophytic ve	getation.	•				

SOIL Sampling Point: 331-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches)	Color (moist)	%	Color (moist)	edox realures % Ty	rpe ¹ Loc ²	 Texture	Remarks
0-8	10YR 3/3	100	(clay	
0-0	10111 3/3	100				ciay	,
	_			- 			
				- <u> </u>			
	_			- 			
							
	_						
		<u></u>					
¹ Type: C=Co	oncentration, D=Depletion	n, RM=Reduce	d Matrix, CS=Covere	ed or Coated Sand	d Grains.	² Location: PL=Po	re Lining, RC=Root Channel, M=Matrix.
Hydric So	il Indicators: (Applic	able to all Li	RRs, unless othe	rwise noted.)		Indicators	for Problematic Hydric Soils ³ :
Histoso	` '			Redox (S5)			Muck (A9) (LRR C)
	Epipedon (A2)			d Matrix (S6)			Muck (A10) (LRR B)
	Histic (A3)			Mucky Mineral			ced Vertic (F18)
	gen Sulfide (A4)	٥)		Gleyed Matrix (F2)		arent Material (TF2)
	ed Layers (A5) (LRR ((ف		ed Matrix (F3) Dark Surface (F	:e)	Otner	(Explain in Remarks)
	Muck (A9) (LRR D) ed Below Dark Surfac	ω (Δ11)		ed Dark Surface	,		
	Dark Surface (A12)	C (ATT)		Depressions (F		3Indicators	of hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)	0,		d hydrology must be present,
	Gleyed Matrix (S4)			(disturbed or problematic.
	Layer (if present):						·
	hovel refusal						
- · · -	ches): 8					Hydric Soil Pr	resent? Yes No x
Dopui (iii	<u> </u>					Tiyane don't i	resent? Yes No X
HYDROLO	nev						
	lydrology Indicators					Sac	condary Indicators (2 or more required)
	dicators (minimum of		check all that ann	alv)		<u>56</u>	Water Marks (B1) (Riverine)
	e Water (A1)	ono roquirou,	Salt Cru				Sediment Deposits (B2) (Riverine)
	Vater Table (A2)			rust (B12)			Drift Deposits (B3) (Riverine)
	ation (A3)			Invertebrates (B	113)		Drainage Patterns (B10)
	Marks (B1) (Nonrive i	rine)		en Sulfide Odor			Dry-Season Water Table (C2)
	ent Deposits (B2) (No			d Rhizospheres		200ts (C3)	Thin Muck Surface (C7)
	eposits (B3) (Nonrive			e of Reduced In			Crayfish Burrows (C8)
	e Soil Cracks (B6)			ron Reduction in		(C6)	Saturation Visible on Aerial Imagery (C9)
	ation Visible on Aerial	Imagery (B7)		ck Surface (C7)			Shallow Aquitard (D3)
	-Stained Leaves (B9)	magory (Dr)		xplain in Remai			FAC-Neutral Test (D5)
	. ,						
Field Obse		/ N	la Danth (in	-l \.			
				ches):			
Water Table			No Depth (in			tional Liversia	Present? Voc. No. v
Saturation I	apillary fringe)	′es N	No Depth (in	cnes):	vve	tland Hydrology	y Present? YesNox_
	corded Data (stream	gauge, monit	oring well, aerial p	hotos, previous	inspections).	if available:	
	,	<i>5 5</i> ,	J , 1		, ,,		
Remarks: N	lo wetland hydrology i	ndicators obs	erved.				

Project/Site: Southwest Village Specific Plan Project		City/Cou	nty: San Dieg	0	_Sampling Date:	August 17,2023
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point:	340-UPL
Investigator(s): Andrew Smisek		Section	, Township, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local re	elief (concave,	, convex, none): none	Slop	oe (%): 3
Subregion (LRR): C	Lat:	32.55495		Long: -117.02629	Datur	m: <u>NAD83</u>
Soil Map Unit Name: Huerhuero loam, 2 to 9 percent s	slopes			NWI classificati	on: none	
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	s <u>X</u> No	o(If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	icantly distur	bed?	Are "Normal Circumstanc	es" present? Yes	X No
Are Vegetation, Soil, or Hydrology	natura	ally problema	atic?	(If needed, explain any ar	swers in Remarks	s.)
SUMMARY OF FINDINGS – Attach site map sl	nowing sa	mpling po	int location	s, transects, importar	nt features, etc.	ı
Hydrophytic Vegetation Present? Yes	No X			_		
Hydric Soil Present? Yes	No X		the Sampled thin a Wetlan	Yes	No X	
Wetland Hydrology Present? Yes	No X	Wit	mm a wenam	ur —		_
Remarks: Upland sample point paired to feature #340 VEGETATION – Use scientific names of plants						
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work		
1. none	70 OOVCI	Орсскоз	Otatus	Number of Dominant S That Are OBL, FACW,	pecies or FAC:	0 (A)
2			-	Total Number of Domir Species Across All Stra	nant	1 (B)
4.		= Total Cov	rer	Percent of Dominant S That Are OBL, FACW,		0 (A/B)
Sapling/Shrub Stratum (Plot size:)				Prevalence Index wor	kahaati	
1. <u>none</u> 2.		-		Total % Cover of:		oly by:
3.				OBL species	x 1 =	
				FACW species	x 2 =	
5.				FAC species	x 3 =	
		= Total Cov	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
Deinandra fasciculata	60	Υ	FACU	Column Totals:	(A)	(B)
2. Centaurea melitensis	<1	N	UPL	Prevalence Inde	ex = B/A =	
3. Erodium botrys	10	N	FACU			
4. Bromus rubens	5	N	UPL	Hydrophytic Vegetation		
5.				Dominance Test		
6.				Prevalence Index		
7. 8.					daptations¹ (Providus) rks or on a separa	11
Woody Vine Stratum (Plot size:)		= Total Co	ver	Problematic Hyd	rophytic Vegetatio	n¹ (Explain)
1. none			· ———	¹ Indicators of hydric so be present, unless dis		
2 % Bare Ground in Herb Stratum 25 % Co	over of Biotic	= Total Cov	rer	Hydrophytic Vegetation Present?	/es No	oX
Remarks:				1		

SOIL Sampling Point: 340-UPL

(inches)	Matrix			edox Featu							
	Color (moist)	% (Color (moist)	%	Type ¹	Loc ²	Textu	ire		Remark	is .
0-5	7.5YR 3/3	100					sandy cla loam	ay r	o redox		
5-18	7.5YR 2.5/3	100					clay	<u>r</u>	o redox		
				· 			-				
17	D. Donletin	DM Dadward N	J-4 00 0			. 21		Dana Lin	DO D		M M-4
	oncentration, D=Depletion, Indicators: (Application)					51				oot Channel, latic Hydric :	
Histoso		DIE 10 all LNN		Redox (S5)				m Muck		-	JUIIS .
	Epipedon (A2)			d Matrix (S				m Muck	. , ,	•	
	Histic (A3)			Mucky Min	,			duced V	` ' '	,	
	jen Sulfide (A4)			Gleyed Ma				d Parent	,	,	
	ed Layers (A5) (LRR C))		d Matrix (F				ner (Expl		` '	
	luck (A9) (LRR D)	•		Dark Surfa				· /=/-		<i></i> -/	
	ed Below Dark Surface	(A11)		d Dark Su	, ,						
	Dark Surface (A12)	` ,		Depression			³ Indicat	ors of hy	drophytic	c vegetation	and
Sandy	Mucky Mineral (S1)			Pools (F9)	, ,			-		ust be prese	
Sandy	Gleyed Matrix (S4)						unle	ess distu	bed or p	roblematic.	
	Layer (if present):										
Type:											
Depth (inc							Hydric So	rresen	lf I	es	No X
Wetland H	ydrology Indicators:										more require
Wetland H Primary Inc	ydrology Indicators: dicators (minimum of or	ne required; ch		• • • • • • • • • • • • • • • • • • • •				Wate	er Marks	(B1) (Riveri	ne)
Wetland H Primary Inc	ydrology Indicators: dicators (minimum of or e Water (A1)	ne required; ch	Salt Crus	st (B11)				Wate	er Marks ment De	(B1) (Riveri posits (B2) (ne) Riverine)
Wetland H Primary Inc Surface High W	ydrology Indicators: dicators (minimum of or e Water (A1) /ater Table (A2)	ne required; ch	Salt Crus	st (B11) ust (B12)				Wate Sedi	er Marks ment De Deposits	(B1) (Riveri posits (B2) (s (B3) (River	ne) Riverine)
Wetland H Primary Inc Surface High W Saturat	ydrology Indicators: dicators (minimum of or e Water (A1) /ater Table (A2) tion (A3)		Salt Crus Biotic Cru Aquatic I	st (B11) ust (B12) nvertebrate	, ,			Wate Sedi Drift Drai	er Marks ment De Deposits nage Pat	(B1) (Riveri posits (B2) (s (B3) (River terns (B10)	ne) Riverine) ine)
Wetland H Primary Inc Surface High W Saturar Water	ydrology Indicators: dicators (minimum of or e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonriverin	ne)	Salt Crus Biotic Cru Aquatic I Hydroge	st (B11) ust (B12) nvertebrate n Sulfide C	dor (C1)			Wate Sedi Drift Drai Dry-	er Marks ment De Deposits nage Pat Season \	(B1) (Riveri posits (B2) (6 (B3) (River terns (B10) Water Table	ne) Riverine) ine)
Wetland H Primary Inc Surface High W Saturat Water I Sedime	ydrology Indicators: dicators (minimum of or e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrivering ent Deposits (B2) (Non	ne) riverine)	Salt Crus Biotic Cru Aquatic I Hydroge Oxidized	st (B11) ust (B12) nvertebrate n Sulfide C	dor (C1) eres along	-		Wate Sedi Drift Drai Dry- Thin	er Marks ment De Deposits nage Pat Season \ Muck Si	(B1) (Riveri posits (B2) (s (B3) (River terns (B10) Water Table urface (C7)	ne) Riverine) ine)
Wetland H Primary Inc Surface High W Saturat Water I Sedime Drift De	ydrology Indicators: dicators (minimum of or e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonriverin ent Deposits (B2) (Non eposits (B3) (Nonriverin	ne) riverine)	Salt Crus Biotic Cri Aquatic I Hydroge Oxidized Presence	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduc	odor (C1) eres along ed Iron (C4	.)	ots (C3)	Wate Sedi Drift Drai Dry- Thin Cray	er Marks ment De Deposits nage Pat Season \ Muck Si fish Burr	(B1) (Riveri posits (B2) (s (B3) (River terns (B10) Water Table urface (C7) ows (C8)	ne) Riverine) ine) (C2)
Wetland H Primary Inc Surface High W Saturat Water I Sedime Drift De	ydrology Indicators: dicators (minimum of or e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrivering ent Deposits (B2) (Non	ne) riverine)	Salt Crus Biotic Cri Aquatic I Hydroge Oxidized Presence	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduc	dor (C1) eres along	.)	ots (C3)	Wate Sedi Drift Drai Dry- Thin Cray Satu	er Marks ment De Deposits nage Pat Season \ Muck So fish Burr ration Vi	(B1) (Riveri posits (B2) (6 (B3) (River terns (B10) Water Table urface (C7) ows (C8) sible on Aeri	ne) Riverine) ine)
Primary Inc Surface High W Saturat Water Sedime Drift De Surface	ydrology Indicators: dicators (minimum of or e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonriverin ent Deposits (B2) (Non eposits (B3) (Nonriverin	ne) riverine) ine)	Salt Crus Biotic Cri Aquatic I Hydroge Oxidized Presence Recent I	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduc	odor (C1) eres along ed Iron (C4 ion in Tilled	.)	ots (C3)	Wate Sedi Drift Drai Dry- Thin Cray Satu	er Marks ment De Deposits nage Pat Season \ Muck So fish Burr ration Vi	(B1) (Riveri posits (B2) (s (B3) (River terns (B10) Water Table urface (C7) ows (C8)	ne) Riverine) ine) (C2)
Wetland H Primary Inc Surface High W Satural Water I Sedime Drift De Surface Inunda	ydrology Indicators: dicators (minimum of or e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonriveria ent Deposits (B2) (Non eposits (B3) (Nonriveria e Soil Cracks (B6)	ne) riverine) ine)	Salt Crus Biotic Cri Aquatic I Hydroge Oxidized Presence Recent Ii	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct	edor (C1) eres along ed Iron (C4 ion in Tilled (C7)	.)	ots (C3)	Wate Sedi Drift Drai Dry- Thin Cray Satu	er Marks ment De Deposits nage Pat Season \ Muck So fish Burr ration Vi low Aqui	(B1) (Riveri posits (B2) (6 (B3) (River terns (B10) Water Table urface (C7) ows (C8) sible on Aeri	ne) Riverine) ine) (C2)
Wetland H Primary Inc Surface High W Saturar Water I Sedime Drift De Surface Inunda Water- Field Obser	ydrology Indicators: dicators (minimum of or e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonriveria ent Deposits (B2) (Non- eposits (B3) (Nonriveria e Soil Cracks (B6) tion Visible on Aerial In Stained Leaves (B9) rvations:	ne) riverine) ine) nagery (B7)	Salt Crus Biotic Cri Aquatic I Hydroge Oxidized Presence Recent Ii Thin Muc	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in R	edor (C1) eres along ed Iron (C4 ion in Tilleo (C7) emarks)	d Soils (C6	ots (C3)	Wate Sedi Drift Drai Dry- Thin Cray Satu	er Marks ment De Deposits nage Pat Season \ Muck So fish Burr ration Vi low Aqui	(B1) (Riveri posits (B2) (6 (B3) (River terns (B10) Water Table urface (C7) ows (C8) sible on Aeri tard (D3)	ne) Riverine) ine) (C2)
Wetland H Primary Inc Surface High W Saturat Water I Sedime Drift De Surface Inunda Water- Field Obsel Surface Wa	ydrology Indicators: dicators (minimum of or e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonriveria ent Deposits (B2) (Non- eposits (B3) (Nonriveria e Soil Cracks (B6) tion Visible on Aerial In Stained Leaves (B9) rvations: ter Present?	ne) riverine) ine) nagery (B7)	Salt Crus Biotic Cri Aquatic I Hydroge Oxidized Presence Recent Ii Thin Muc Other (E:	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in R	odor (C1) eres along ed Iron (C4 ion in Tilled (C7) emarks)	d Soils (C6	ots (C3)	Wate Sedi Drift Drai Dry- Thin Cray Satu	er Marks ment De Deposits nage Pat Season \ Muck So fish Burr ration Vi low Aqui	(B1) (Riveri posits (B2) (6 (B3) (River terns (B10) Water Table urface (C7) ows (C8) sible on Aeri tard (D3)	ne) Riverine) ine) (C2)
Wetland H Primary Inc Surface High W Satural Water Sedime Drift De Surface Inunda Water- Field Obsel Surface Wa Water Table	ydrology Indicators: dicators (minimum of or e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonriverir ent Deposits (B2) (Non eposits (B3) (Nonriverir e Soil Cracks (B6) tion Visible on Aerial In Stained Leaves (B9) rvations: ter Present? Ye	ne) riverine) ine) nagery (B7) es No	Salt Crus Biotic Cri Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E: X Depth (inc	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in R	odor (C1) eres along ed Iron (C4 ion in Tilled (C7) emarks)	d Soils (Ce	ots (C3)	Wate Sedi Drift Drai Dry- Thin Cray Satu Shal	er Marks ment De Deposits nage Pat Season \ Muck St fish Burr ration Vi low Aqui -Neutral	(B1) (Riveri posits (B2) (6 (B3) (River terns (B10) Water Table urface (C7) ows (C8) sible on Aeri tard (D3)	ne) Riverine) ine) (C2)
Wetland H Primary Inc Surface High W Saturat Water I Sedime Drift De Surface Inunda Water- Field Obsel Surface Wa Water Table Saturation F	ydrology Indicators: dicators (minimum of or e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonrivering ent Deposits (B2) (Nonrivering eposits (B3) (Nonrivering e Soil Cracks (B6) tion Visible on Aerial In Stained Leaves (B9) rvations: ter Present? Present? Ye Present? Ye Present? Ye	ne) riverine) ine) nagery (B7) es No	Salt Crus Biotic Cri Aquatic I Hydroge Oxidized Presence Recent Ii Thin Muc Other (E:	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in R	odor (C1) eres along ed Iron (C4 ion in Tilled (C7) emarks)	d Soils (Ce	ots (C3)	Wate Sedi Drift Drai Dry- Thin Cray Satu Shal	er Marks ment De Deposits nage Pat Season \ Muck St fish Burr ration Vi low Aqui -Neutral	(B1) (Riveri posits (B2) (6 (B3) (River terns (B10) Water Table urface (C7) ows (C8) sible on Aeri tard (D3)	ne) Riverine) ine) (C2) al Imagery (C
Wetland H Primary Inc Surface High W Saturat Water Sedime Drift De Surface Inunda Water- Field Obset Surface Water Table Saturation F (includes ca	ydrology Indicators: dicators (minimum of or e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonriverir ent Deposits (B2) (Non eposits (B3) (Nonriverir e Soil Cracks (B6) tion Visible on Aerial In Stained Leaves (B9) rvations: ter Present? Ye	ne) riverine) ine) nagery (B7) es No es No es No	Salt Crus Biotic Cru Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E: X Depth (inc X Depth (inc	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in R ches): ches):	odor (C1) eres along ed Iron (C4 ion in Tilleo (C7) emarks)	d Soils (Ce	ots (C3) (S)	Wate Sedi Drift Drai Dry- Thin Cray Satu Shal	er Marks ment De Deposits nage Pat Season \ Muck St fish Burr ration Vi low Aqui -Neutral	(B1) (Riveri posits (B2) (6 (B3) (River terns (B10) Water Table urface (C7) ows (C8) sible on Aeri tard (D3) Test (D5)	ne) Riverine) ine) (C2) al Imagery (C
Wetland H Primary Inc Surface High W Saturat Water Sedime Drift De Surface Inunda Water- Field Obset Surface Wa Water Table Saturation F (includes ca	ydrology Indicators: dicators (minimum of or e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonriverir ent Deposits (B2) (Non eposits (B3) (Nonriverir e Soil Cracks (B6) tion Visible on Aerial In Stained Leaves (B9) rvations: ter Present? Present? Ye Present? Ye publilary fringe)	ne) riverine) ine) nagery (B7) es No es No es No	Salt Crus Biotic Cru Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E: X Depth (inc X Depth (inc	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in R ches): ches):	odor (C1) eres along ed Iron (C4 ion in Tilleo (C7) emarks)	d Soils (Ce	ots (C3) (S)	Wate Sedi Drift Drai Dry- Thin Cray Satu Shal	er Marks ment De Deposits nage Pat Season \ Muck St fish Burr ration Vi low Aqui -Neutral	(B1) (Riveri posits (B2) (6 (B3) (River terns (B10) Water Table urface (C7) ows (C8) sible on Aeri tard (D3) Test (D5)	ne) Riverine) ine) (C2) al Imagery (C
Wetland H Primary Inc Surface High W Saturat Water Sedime Drift De Surface Inunda Water- Field Obset Surface Wa Water Table Saturation F (includes ca	ydrology Indicators: dicators (minimum of or e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonriverir ent Deposits (B2) (Non eposits (B3) (Nonriverir e Soil Cracks (B6) tion Visible on Aerial In Stained Leaves (B9) rvations: ter Present? Present? Ye Present? Ye publilary fringe)	ne) riverine) ine) nagery (B7) es No es No es No	Salt Crus Biotic Cru Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E: X Depth (inc X Depth (inc	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in R ches): ches):	odor (C1) eres along ed Iron (C4 ion in Tilleo (C7) emarks)	d Soils (Ce	ots (C3) (S) nd Hydrol	Wate Sedi Drift Drai Dry- Thin Cray Satu Shal	er Marks ment De Deposits nage Pat Season \ Muck St fish Burr ration Vi low Aqui -Neutral	(B1) (Riveri posits (B2) (6 (B3) (River terns (B10) Water Table urface (C7) ows (C8) sible on Aeri tard (D3) Test (D5)	ne) Riverine) ine) (C2) al Imagery (C
Wetland H Primary Inc Surface High W Saturat Water I Sedime Drift De Surface Inunda Water- Field Obsel Surface Wa Water Table Saturation F (includes ca	ydrology Indicators: dicators (minimum of or e Water (A1) /ater Table (A2) tion (A3) Marks (B1) (Nonriverir ent Deposits (B2) (Non eposits (B3) (Nonriverir e Soil Cracks (B6) tion Visible on Aerial In Stained Leaves (B9) rvations: ter Present? Present? Ye Present? Ye publilary fringe)	ne) riverine) ine) nagery (B7) es No es No es No	Salt Crus Biotic Cru Aquatic I Hydroge Oxidized Presence Recent II Thin Muc Other (E: X Depth (inc X Depth (inc	st (B11) ust (B12) nvertebrate n Sulfide C Rhizosphe e of Reduct ron Reduct ck Surface xplain in R ches): ches):	odor (C1) eres along ed Iron (C4 ion in Tilleo (C7) emarks)	d Soils (Ce	ots (C3) (S) nd Hydrol	Wate Sedi Drift Drai Dry- Thin Cray Satu Shal	er Marks ment De Deposits nage Pat Season \ Muck St fish Burr ration Vi low Aqui -Neutral	(B1) (Riveri posits (B2) (6 (B3) (River terns (B10) Water Table urface (C7) ows (C8) sible on Aeri tard (D3) Test (D5)	ne) Riverine) ine) (C2) al Imagery (C

Project/Site: Southwest Village Specific Plan Project		City/County: San Dieg	go	Sampling Date:	7/5/23
Applicant/Owner: Tri Point Homes			State: CA	Sampling Point	: 369-UPL
Investigator(s): Andrew Smisek		Section, Township, F	Range: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local relief (concave	e, convex, none): none	Slo	pe (%): <u>0</u>
Subregion (LRR): C	Lat:	32.55659	Long: <u>-117.01862</u>	Datu	m: <u>NAD83</u>
Soil Map Unit Name: Huerhuero loam, 2-9% slopes			NWI classificat	ion: none	
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes <u>x</u> N	o(If no, explain i	n Remarks.)	
Are Vegetationx,Soilx,or Hydrology	signifi	cantly disturbed?	Are "Normal Circumstance	ces" present? Yes	s <u>x</u> No
Are Vegetation, Soil, or Hydrology	natura	ally problematic?	(If needed, explain any ar	nswers in Remark	s.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling point location	s, transects, importa	nt features, etc	: <u>.</u>
Hydrophytic Vegetation Present? Yes	No x				
Hydric Soil Present? Yes	No x	Is the Sampledwithin a Wetlan	Yes	No x	[
Wetland Hydrology Present? Yes	No x	within a wettan	iu r		
Remarks: Paired sample point for feature #369.		I .			
VEGETATION – Use scientific names of plants					
<u>Tree Stratum</u> (Plot size:)	Absolute % Cover	Dominant Indicator Species? Status	Dominance Test worl		
1.	70 00101	Openies: Otatas	Number of Dominant S That Are OBL, FACW,		1 (A)
2.			Total Number of Domir	·	
3.			Species Across All Stra	ata:	2 (B)
4.			Percent of Dominant S		(A/D)
		= Total Cover	That Are OBL, FACW,	or FAC:	50 (A/B)
Sapling/Shrub Stratum (Plot size:)					
1			Prevalence Index wor		
2			Total % Cover of:		ply by:
3			OBL species 0		0
4			FACW species 0		0
5			FAC species 4		120 0
Llorb Stratum (Diet size)		= Total Cover			300
Herb Stratum (Plot size:) 1. Avena barbarata	50	Y UPL	UPL species 69 Column Totals: 10		420 (B)
Averia parparata Festuca perennis	40	Y FAC	Column Totals.	00 (A)	420 (B)
Glebionis coronaria	10	N UPL	Prevalence Ind	ex = B/A = 4.2	
4.			Hydrophytic Vegetati	on Indicators:	
			Dominance Test		
6			Prevalence Inde		
7.			Morphological A	daptations¹ (Provi arks or on a separa	
8	100	= Total Cover	-	Irophytic Vegetation	,
Woody Vine Stratum (Plot size:)					
1			¹ Indicators of hydric s		
2			be present, unless dis	sturbed or problen	natic.
	100	= Total Cover	Hydrophytic		
% Bare Ground in Herb Stratum 0	ver of Biotic	Crust	Vegetation Present?	resN	ox
Remarks: The sample area does not support a predom	ninance of hy	drophytic vegetation.			

SOIL Sampling Point: 369-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		ŀ	Redox Featur	es		_	
(inches)	Color (moist)	(Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-18	10YR 3/3	100					loam	no redox
							-	-
								-
							-	
								-
1				- , ,	 -	2		
	ncentration, D=Depletion					S. ²		Lining, RC=Root Channel, M=Matrix.
•	Indicators: (Applic	able to all LRR			1.)			or Problematic Hydric Soils ³ :
Histoso	` '			Redox (S5)				uck (A9) (LRR C)
	pipedon (A2)			ed Matrix (S6	,			uck (A10) (LRR B)
	istic (A3)			Mucky Mine				d Vertic (F18)
	en Sulfide (A4)			Gleyed Mat				rent Material (TF2)
	d Layers (A5) (LRR	C)		ed Matrix (F3	,		Other (E	explain in Remarks)
	uck (A9) (LRR D)	- (0.4.4)		Dark Surfac	` ,			
	d Below Dark Surfac	e (A11)		ed Dark Surf			31 - 11 - 1	Character de d'accesse de d'accesse d
	ark Surface (A12)			Depressions	S (F8)			f hydrophytic vegetation and
	Mucky Mineral (S1)		vemai	Pools (F9)				hydrology must be present, sturbed or problematic.
Sandy (Gleyed Matrix (S4)						uniess di	sturbed or problematic.
Restrictive	Layer (if present):							
Type:								
Depth (inc	hes):						Hydric Soil Pres	sent? Yes No x
HYDROLO	GY							
Wetland Hy	drology Indicators	:					Seco	ondary Indicators (2 or more required)
Primary Ind	icators (minimum of	one required; ch	eck all that ap	ply)			V	Vater Marks (B1) (Riverine)
Surface	Water (A1)		Salt Cru	ıst (B11)			S	Sediment Deposits (B2) (Riverine)
High W	ater Table (A2)		Biotic C	rust (B12)				Orift Deposits (B3) (Riverine)
Saturat	ion (A3)		Aquatic	Invertebrate	s (B13)		D	Orainage Patterns (B10)
Water N	Marks (B1) (Nonrive	rine)	Hydrog	en Sulfide Od	dor (C1)			Ory-Season Water Table (C2)
Sedime	ent Deposits (B2) (No	nriverine)	Oxidize	d Rhizosphe	res along l	Living Ro	ots (C3) T	hin Muck Surface (C7)
Drift De	posits (B3) (Nonrive	rine)	Present	ce of Reduce	d Iron (C4	l)	· · · <u>—</u>	Crayfish Burrows (C8)
Surface	Soil Cracks (B6)		Recent	Iron Reduction	on in Tilled	d Soils (Co	6) <u> </u>	Saturation Visible on Aerial Imagery (C9)
	ion Visible on Aerial	Imagery (B7)		ıck Surface (Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)	3 , (,		Explain in Re	•		 F	FAC-Neutral Test (D5)
—	` '			<u>'</u>				
Field Obser Surface Wat		/oo No	Donth (in	ahaa\.				
		es No	· `	· ·		-		
Water Table		es No	· `				al I levalue I e aux F	Dunnanto Van Na
Saturation P (includes car		'es No	Depth (in	icnes):		wetia	ind Hydrology F	Present? YesNox
	orded Data (stream	nauge monitorir	ng well aerial r	nhotos previ	nus insner	rtions) if :	available:	
Describe rec	oraca Data (Stream)	gaage, momen	ig weii, deridi j	oriotoo, provi	ous mopor	J. 10110), 11 (available.	
Remarks: No	wetland hydrology i	ndicators observ	ved					
	o i i jaiology i							

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	0	Sampling Date: 7/5/23
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: 370-UPL
Investigator(s): Andrew Smisek, Chris Thomson		Section,	Township, R	Range: Section 31, T18S	R01W
Landform (hillslope, terrace, etc.): mesa		Local rel	ief (concave	, convex, none): none	Slope (%): 0
Subregion (LRR): C	Lat:				Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classificati	on: none
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	x No	o (If no, explain ir	n Remarks.)
Are Vegetationx,Soilx,or Hydrology					es" present? Yes x No
Are Vegetation , Soil , or Hydrology				(If needed, explain any ar	
SUMMARY OF FINDINGS – Attach site map si				s, transects, importar	nt features, etc.
Hydrophytic Vegetation Present? Yes x	No				
Hydric Soil Present? Yes	No x		ne Sampled nin a Wetlan	Yes	No x
Wetland Hydrology Present? Yes	No x		iiii a vvetiaii	u:	
VEGETATION – Use scientific names of plants					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Number of Dominant S	
				That Are OBL, FACW, Total Number of Domir	or FAC: 1 (A)
3.				Species Across All Stra	ata:1 (B)
4		-		Percent of Dominant S That Are OBL, FACW,	
Sapling/Shrub Stratum (Plot size:		= Total Cove	er	matric obe, triow,	1 (17)
1				Prevalence Index wor	ksheet:
2.				Total % Cover of:	Multiply by:
3.			-	OBL species	x 1 =
4.				FACW species	
5.				FAC species	_
		= Total Cove	er	FACU species	x 4 =
Herb Stratum (Plot size:)				UPL species	x 5 =
1. Festuca perennis	75	Y	FAC	Column Totals:	(B)
2. Glebionis coronaria	10	N	UPL	Prevalence Inde	ex = B/A =
3. Mesembryanthemum nodiflorum	10	N	FACU		
4. Avena barbarata	5	N	UPL	Hydrophytic Vegetation	
5				_x Dominance Test	is >50%
6. 7.				Prevalence Index Morphological Ad	x is ≤3.0¹ daptations¹ (Provide supporting
8.					rks or on a separate sheet)
Moody Vine Stratum (Dlat circ)	100	= Total Cov	rer	Problematic Hyd	rophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:) 1				¹ Indicators of hydric so	oil and wetland hydrology must
2.				be present, unless dis	turbed or problematic.
	100 over of Biotic	= Total Cove	er	Hydrophytic Vegetation Present?	res No x
Remarks: The sample area supports a predominance		-			
romano. The sample area supports a predominance i	o, nyuropnyt	io vogetation.			

SOIL Sampling Point: 370-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			Redox Featu	res		_			
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	<u> </u>
0-18	10YR 4/3	100					sandy clay	no redox		
	•						-	_		
		· 								
								_		
		· 								
							-			
								_		
		· 						_		
1						2	 	-		
	ncentration, D=Depletion					S. ²	Location: PL=Pore			
Hydric Soil	I Indicators: (Applic	able to all LRR	s, unless oth	erwise note	d.)		Indicators f	or Problem	atic Hydric S	oils³:
Histoso	l (A1)		Sandy	Redox (S5)			1 cm M	uck (A9) (LR	R C)	
Histic E	pipedon (A2)		Stripp	ed Matrix (S6	5)		2 cm M	uck (A10) (L l	RR B)	
	listic (A3)			y Mucky Mine				d Vertic (F18		
Hydrog	en Sulfide (A4)		Loam	y Gleyed Mat	trix (F2)		Red Pa	rent Material	(TF2)	
Stratifie	d Layers (A5) (LRR	C)	Deple	ted Matrix (F	3)		Other (E	Explain in Re	marks)	
1 cm M	uck (A9) (LRR D)		Redox	Coark Surface	ce (F6)					
Deplete	ed Below Dark Surfac	e (A11)	Deple	ted Dark Sur	face (F7)					
Thick D	ark Surface (A12)		Redox	c Depression	s (F8)		³ Indicators of	of hydrophytic	c vegetation a	ınd
Sandy I	Mucky Mineral (S1)		Verna	l Pools (F9)			wetland	hydrology m	ust be presen	t,
Sandy (Gleyed Matrix (S4)						unless d	isturbed or p	roblematic.	
Restrictive	Layer (if present):									
Type:										
Depth (inc	shoc):						Hydric Soil Pre	cont? V	es	No x
Deput (inc							riyane con ric	ociit: i		NO X
HYDROLO	GY									
Wetland Hy	ydrology Indicators	:					Sec	ondary Indic	ators (2 or n	nore require
Primary Ind	icators (minimum of	one required; ch	eck all that ap	ply)				Nater Marks	(B1) (Riverin	e)
Surface	e Water (A1)		Salt Cr	ust (B11)				Sediment De	posits (B2) (R	liverine)
	ater Table (A2)			Crust (B12)					(B3) (Riveri	
	ion (A3)			Invertebrate	es (B13)			Drainage Pat		-,
	Marks (B1) (Nonrive i	rine)		en Sulfide O	` '			_	Nater Table (C2)
	ent Deposits (B2) (No			ed Rhizosphe		Living Ro		Thin Muck Sι		<i></i> /
	eposits (B3) (Nonrive			ce of Reduce	_	_		Crayfish Burr	` ,	
	e Soil Cracks (B6)	············		Iron Reducti	,	,		-	sible on Aeria	l Imagen, (C)
	tion Visible on Aerial	Imagan, (P7)				u oons (Ci		Shallow Aqui		i iiiageiy (C
		illiagely (b7)		uck Surface					, ,	
vvater-	Stained Leaves (B9)		Other (Explain in Re	emarks)		'	FAC-Neutral	Test (D5)	
Field Obser	vations:									
Surface Wat	ter Present?	'es No	Depth (ii	nches):						
Water Table	Present?	/es No	Depth (in	nches):						
Saturation P		es No	Depth (ii	nches):		Wetla	nd Hydrology	Present?	Yes	No x
(includes ca	pillary fringe)			, -						
Describe Rec	corded Data (stream	gauge, monitorii	ng well, aerial	photos, previ	ious inspe	ctions), if a	available:			
	,					,				
Remarks: No	wetland hydrology i	ndicators observ	ved.			_				

				State: CA	Sampling Po	int: <u>371-UPL</u>	L
		Section,	Township, R	Range: Section 31, T18S	R01W		
е		Local rel	ief (concave	, convex, none): none		Slope (%): 2	
	Lat:	32.55648		Long: -117.018610	Da	atum: <u>NAD83</u>	3
n, 2-9% slopes				NWI classificat	tion: none		
the site typical fo	or this time o	f year? Yes	xNo	o(If no, explain i	n Remarks.)		
or Hydrology	signif	icantly disturb	ed?	Are "Normal Circumstand	es" present? Y	′es <u>x</u> N	۸o
, or Hydrology	natur	ally problemat	tic?	(If needed, explain any a	nswers in Rema	arks.)	
ch site map s	showing sa	mpling poi	nt location	s, transects, importa	nt features, e	etc.	
Yes x	No						
Yes	No x		-	Yes	No	Х	
Yes	No x		iii a vvetiaii	ur			
	ts.						
)	Absolute % Cover	Dominant Species?	Indicator Status				
						2	(A)
				Total Number of Domin	nant		_` ′
				Species Across All Stra	ata:	2	(B)
					•	100	(A/B)
		= Total Cove	er	That Ale Obl., FACW,	UI FAC.	100	_(^,D)
))						
						alde barbare	
							_
				· —			
		- Total Cove					
)		= Total Cove	žI				
	10	Υ	FAC	Column Totals:			(B)
	2		UPL				•
	1	N	FACU	Prevalence Ind	ex = B/A =		
	5	N	FACU	Hydrophytic Vegetati	ion Indicators:		
	20	Υ	FAC	x Dominance Test	t is >50%		
	1	N	FACU	Prevalence Inde	ex is ≤3.0¹		
	1	N	FACU				
	1	N	NI	data in Rema	arks or on a sep	arate sheet)	I
	41	= Total Cov	er er	Problematic Hyd	drophytic Veget	ation¹ (Explai	in)
))						
							nust
	41	= Total Cove	er	Hydrophytic	<u> </u>		
% C	over of Biotic	: Crust		•	Yes x	No	
a predominance	of hydrophyt	tic vegetation.					
	, , ,	.					
	the site typical for the site typical for Hydrology chaite maps Yes x Yes Yes Yes	Lat:	Lat: 32.55648 Lat: 32.5648 Lat	Lat: 32.55648 1, 2-9% slopes the site typical for this time of year? Yes x Not or Hydrology significantly disturbed? 1, or Hydrology naturally problematic? 1, or Hydrology naturally problematic? 1, or Hydrology naturally problematic? 1, or Hydrology naturally problematic? 1, or Hydrology naturally problematic? 1, or Hydrology naturally problematic? 2, or Hydrology naturally problematic? 2, or Hydrology naturally problematic? 3, or Hydrology naturally problematic? 4, or Hydrology naturally problematic? 2, or Hydrology naturally problematic? 4, or Hydrology naturally problematic? 2, or Hydrology naturally problematic? 4, or Hydrology naturally problematic? 5, or Hydrology naturally problematic? 5, or Hydrology naturally problematic? 6, or Hydrology naturally problematic? 6, or Hydrology naturally problematic? 6, or Hydrology naturally problematic? 6, or Hydrology naturally problematic? 6, or Hydrology naturally problematic? 6, or Hydrology naturally problematic? 6, or Hydrology naturally problematic? 6, or	Section, Township, Range: Section 31, T18S e	Section, Township, Range: Section 31, T18S R01W e	Section, Township, Range: Section 31, T18S RO1W

SOIL Sampling Point: 371-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches) 0-12	Matrix	<u> </u>	Re	dox Features		_	
0-12	Color (moist)	%	Color (moist)	% Type	Loc ²	Texture	Remarks
	10YR 3/3	100				sandy clay	no redox
	· -						
¹ Type: C=Co	ncentration, D=Depleti	ion RM=Reduce	d Matrix CS=Covered	or Coated Sand G	rains ² l	Location: PL =Pore	Lining, RC=Root Channel, M=Matrix.
	I Indicators: (Appli						or Problematic Hydric Soils ³ :
Histoso	`	ouble to all El	•	ledox (S5)			ck (A9) (LRR C)
	Epipedon (A2)			Matrix (S6)			ck (A10) (LRR B)
	listic (A3)			лиани (00) Лиску Mineral (F1	1)		Vertic (F18)
	en Sulfide (A4)			Gleyed Matrix (F2			ent Material (TF2)
	ed Layers (A5) (LRR	S C)		d Matrix (F3)	,		kplain in Remarks)
	luck (A9) (LRR D)	. •,		ark Surface (F6)			tpian in remaine)
	ed Below Dark Surfa	ace (A11)		d Dark Surface (F	7)		
	Oark Surface (A12)	,		epressions (F8)	,	3Indicators of	hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)			ydrology must be present,
	Gleyed Matrix (S4)		· 	,			sturbed or problematic.
Postrictivo	Layer (if present):						*
	novel refusal						
			_			Lludria Cail Dras	ant? Van Na
Depth (inc	cnes): 12		_			Hydric Soil Pres	ent? Yes No x
HYDROLO							
Wetland Hy	ydrology Indicator	s:				<u>Seco</u>	ndary Indicators (2 or more required)
Primary Ind	dicators (minimum o	f one required;	check all that appl	y)		V	ater Marks (B1) (Riverine)
Curfood	e Water (A1)						, , ,
Surface			Salt Crus	t (B11)			ediment Deposits (B2) (Riverine)
	/ater Table (A2)		Salt Crus Biotic Cru			s	ediment Deposits (B2) (Riverine) rift Deposits (B3) (Riverine)
High W	/ater Table (A2) tion (A3)		Biotic Cru		3)	S D	
High W Saturat	tion (A3)	erine)	Biotic Cru Aquatic I	ıst (B12)	•	S D D	rift Deposits (B3) (Riverine) rainage Patterns (B10)
High W Saturat Water N			Biotic Cru Aquatic II Hydroger	ist (B12) nvertebrates (B13 n Sulfide Odor (C	1)	s b b	rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2)
High W Saturat Water N Sedime	tion (A3) Marks (B1) (Nonriv e ent Deposits (B2) (N	lonriverine)	Biotic Cru Aquatic Ii Hydroger Oxidized	ist (B12) nvertebrates (B13 n Sulfide Odor (C´ Rhizospheres alc	1) ong Living Roo	S D D D ots (C3)	rift Deposits (B3) (Riverine) rainage Patterns (B10)
High W Saturat Water N Sedime	tion (A3) Marks (B1) (Nonriv o ent Deposits (B2) (N eposits (B3) (Nonriv	lonriverine)	Biotic Cru Aquatic Ir Hydroger Oxidized Presence	ast (B12) avertebrates (B13 a Sulfide Odor (C ² Rhizospheres alc of Reduced Iron) ong Living Roo (C4)	S D D D ots (C3)TI	rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8)
High W Saturat Water N Sedime Drift De Surface	tion (A3) Marks (B1) (Nonriv o ent Deposits (B2) (N eposits (B3) (Nonriv e Soil Cracks (B6)	lonriverine) verine)	Biotic Cru Aquatic In Hydroger Oxidized Presence Recent Ir	ast (B12) Avertebrates (B13 A Sulfide Odor (C' Rhizospheres ald Of Reduced Iron On Reduction in T) ong Living Roo (C4)	S D D D ots (C3)TI C	rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9)
High W Saturat Water M Sedime Drift De Surface Inundat	tion (A3) Marks (B1) (Nonriv o ent Deposits (B2) (N eposits (B3) (Nonriv e Soil Cracks (B6) tion Visible on Aeria	lonriverine) verine) al Imagery (B7)	Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc	ast (B12) envertebrates (B13) envertebrates (B13) envertebrates (C7) envertebrates (B13) envertebrates (C7) envertebrates (B13) ong Living Roo (C4) Tilled Soils (C6	S D D ots (C3)TI C 6)S	rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) hallow Aquitard (D3)
High W Saturat Water M Sedime Drift De Surface Inundat Water-S	tion (A3) Marks (B1) (Nonrivo ent Deposits (B2) (Nonrivo eposits (B3) (Nonrivo e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9	lonriverine) verine) al Imagery (B7)	Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc	ast (B12) Avertebrates (B13 A Sulfide Odor (C' Rhizospheres ald Of Reduced Iron On Reduction in T) ong Living Roo (C4) Tilled Soils (C6	S D D ots (C3)TI C 6)S	rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9)
High W Saturat Water N Sedime Drift De Surface Inundat Water-S	tion (A3) Marks (B1) (Nonrivolument Deposits (B2) (Nonrivolument) e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9) rvations:	Ionriverine) verine) al Imagery (B7)	Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc	ast (B12) nvertebrates (B13) n Sulfide Odor (C ² Rhizospheres alc of Reduced Iron on Reduction in T k Surface (C7) plain in Remarks) ong Living Roo (C4) Tilled Soils (C6	S D D ots (C3)TI C 6)S	rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) hallow Aquitard (D3)
High W Saturat Water M Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat	tion (A3) Marks (B1) (Nonrivolent Deposits (B2) (Nonrivolent Soli Cracks (B6) tion Visible on Aeria Stained Leaves (B9) rvations: ter Present?	Ionriverine) verine) al Imagery (B7)) YesN	Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	ast (B12) avertebrates (B13) a Sulfide Odor (C' Rhizospheres alcorof Reduced Iron on Reduction in T k Surface (C7) aplain in Remarks anes):) ong Living Roo (C4) Tilled Soils (C6	S D D ots (C3)TI C 6)S	rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) hallow Aquitard (D3)
High W Saturat Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table	tion (A3) Marks (B1) (Nonrivo ent Deposits (B2) (Norrivo eposits (B3) (Nonrivo e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9) rvations: ter Present?	Ionriverine) verine) al Imagery (B7)) YesN	Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	ast (B12) envertebrates (B13) envertebrates (B13) envertebrates (B13) envertebrates (C7) envertebrates (B13) envertebrates (B1	ng Living Roc (C4) Filled Soils (C6	S S D D D C C S S F S F S	rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) hallow Aquitard (D3) AC-Neutral Test (D5)
High W Saturat Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P	tion (A3) Marks (B1) (Nonrivo ent Deposits (B2) (Norrivo eposits (B3) (Nonrivo e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9) rvations: ter Present?	Ionriverine) verine) al Imagery (B7)) Yes N Yes N	Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	ast (B12) envertebrates (B13) envertebrates (B13) envertebrates (B13) envertebrates (C7) envertebrates (B13) envertebrates (B1	ng Living Roc (C4) Filled Soils (C6	S D D ots (C3)TI C 6)S	rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) hallow Aquitard (D3) AC-Neutral Test (D5)
High W Saturat Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes ca	tion (A3) Marks (B1) (Nonrivo ent Deposits (B2) (Nonrivo eposits (B3) (Nonrivo e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9) rvations: ter Present? Present?	verine) al Imagery (B7) Yes N Yes N Yes N	Biotic Cru Aquatic In Hydroger Oxidized Presence Recent In Thin Muc Other (Ex	ast (B12) Avertebrates (B13) A Sulfide Odor (C' Rhizospheres alcorof Reduced Iron Con Reduction in Took Surface (C7) Aplain in Remarks Chesh:	ong Living Roo (C4) Filled Soils (C6)	S	rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) hallow Aquitard (D3) AC-Neutral Test (D5)
High W Saturat Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes ca	tion (A3) Marks (B1) (Nonrivo ent Deposits (B2) (Nonrivo eposits (B3) (Nonrivo e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9) rvations: ter Present? e Present? Present?	verine) al Imagery (B7) Yes N Yes N Yes N	Biotic Cru Aquatic In Hydroger Oxidized Presence Recent In Thin Muc Other (Ex	ast (B12) Avertebrates (B13) A Sulfide Odor (C' Rhizospheres alcorof Reduced Iron Con Reduction in Took Surface (C7) Aplain in Remarks Chesh:	ong Living Roo (C4) Filled Soils (C6)	S	rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) hallow Aquitard (D3) AC-Neutral Test (D5)
High W Saturat Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Rec	tion (A3) Marks (B1) (Nonriverent Deposits (B2) (Nonriverent Deposits (B2) (Nonriverent Deposits (B3) (Nonriverent Deposits (B3) (Nonriverent Deposits (B4) (B4) (B4) Example 1	Verine) Yerine) Yes N Yes N Yes N Yes N The gauge, monitor	Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex No Depth (inc) No Depth (inc) Doming well, aerial ph	ast (B12) Avertebrates (B13) A Sulfide Odor (C' Rhizospheres alcorof Reduced Iron Con Reduction in Took Surface (C7) Aplain in Remarks Chesh:	ong Living Roo (C4) Filled Soils (C6)	S	rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) hallow Aquitard (D3) AC-Neutral Test (D5)
High W Saturat Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Rec	tion (A3) Marks (B1) (Nonrivo ent Deposits (B2) (Nonrivo eposits (B3) (Nonrivo e Soil Cracks (B6) tion Visible on Aeria Stained Leaves (B9) rvations: ter Present? e Present? Present?	Verine) Yerine) Yes N Yes N Yes N Yes N The gauge, monitor	Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex No Depth (inc) No Depth (inc) Doming well, aerial ph	ast (B12) Avertebrates (B13) A Sulfide Odor (C' Rhizospheres alcorof Reduced Iron Con Reduction in Took Surface (C7) Aplain in Remarks Chesh:	ong Living Roo (C4) Filled Soils (C6)	S	rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) hallow Aquitard (D3) AC-Neutral Test (D5)
High W Saturat Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Rec	tion (A3) Marks (B1) (Nonriverent Deposits (B2) (Nonriverent Deposits (B2) (Nonriverent Deposits (B3) (Nonriverent Deposits (B3) (Nonriverent Deposits (B4) (B4) (B4) Example 1	Verine) Yerine) Yes N Yes N Yes N Yes N The gauge, monitor	Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex No Depth (inc) No Depth (inc) Doming well, aerial ph	ast (B12) Avertebrates (B13) A Sulfide Odor (C' Rhizospheres alcorof Reduced Iron Con Reduction in Took Surface (C7) Aplain in Remarks Chesh:	ong Living Roo (C4) Filled Soils (C6)	S	rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) hallow Aquitard (D3) AC-Neutral Test (D5)
High W Saturat Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Rec	tion (A3) Marks (B1) (Nonriverent Deposits (B2) (Nonriverent Deposits (B2) (Nonriverent Deposits (B3) (Nonriverent Deposits (B3) (Nonriverent Deposits (B4) (B4) (B4) Example 1	Verine) Yerine) Yes N Yes N Yes N Yes N The gauge, monitor	Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex No Depth (inc) No Depth (inc) Doming well, aerial ph	ast (B12) Avertebrates (B13) A Sulfide Odor (C' Rhizospheres alcorof Reduced Iron Con Reduction in Took Surface (C7) Aplain in Remarks Chesh:	ong Living Roo (C4) Filled Soils (C6)	S	rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) hallow Aquitard (D3) AC-Neutral Test (D5)
High W Saturat Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal Describe Rec	tion (A3) Marks (B1) (Nonriverent Deposits (B2) (Nonriverent Deposits (B2) (Nonriverent Deposits (B3) (Nonriverent Deposits (B3) (Nonriverent Deposits (B4) (B4) (B4) Example 1	Verine) Yerine) Yes N Yes N Yes N Yes N The gauge, monitor	Biotic Cru Aquatic II Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex No Depth (inc) No Depth (inc) Doming well, aerial ph	ast (B12) Avertebrates (B13) A Sulfide Odor (C' Rhizospheres alcorof Reduced Iron Con Reduction in Took Surface (C7) Aplain in Remarks Chesh:	ong Living Roo (C4) Filled Soils (C6)	S	rift Deposits (B3) (Riverine) rainage Patterns (B10) ry-Season Water Table (C2) nin Muck Surface (C7) rayfish Burrows (C8) aturation Visible on Aerial Imagery (C9) hallow Aquitard (D3) AC-Neutral Test (D5)

Project/Site: Southwest Village Speci	fic Plan Project		City/Coun	ity: San Dieg	JO	Sa	mpling Date	e: <u>6/27/2</u>	23
Applicant/Owner: Tri Point Homes					State:	CA Sa	mpling Poir	nt: <u>372-</u> L	JPL
Investigator(s): Andrew Smisek			Section,	Township, F	Range: Section 31,	T18S R01	W		
Landform (hillslope, terrace, etc.): me:	sa		Local rel	lief (concave	, convex, none): <u>no</u>	ne	Slo	ope (%):	0
Subregion (LRR): C		Lat:	32.55635		Long: <u>-117.0185</u>	9	Dat	um: <u>NAD</u>	083
Soil Map Unit Name: Huerhuero loan	n, 2-9% slopes				NWI clas	sification:	none		
Are climatic / hydrologic conditions on	the site typical f	or this time o	f year? Yes	xN	o(If no, ex	plain in Rei	marks.)		
Are Vegetationx, _Soilx,	or Hydrology	signif	icantly disturb	ed?	Are "Normal Circun	nstances" p	resent? Ye	es x	No
Are Vegetation, Soil	, or Hydrology	natur	ally problemat	tic?	(If needed, explain	any answe	rs in Remar	ks.)	
SUMMARY OF FINDINGS – Atta	ach site map s	showing sa	mpling poi	nt location	s, transects, imp	ortant fe	atures, et	c.	
Hydrophytic Vegetation Present?	Yes	No x							
Hydric Soil Present?	Yes	No x		ne Sampled	Y	es	No	X	
Wetland Hydrology Present?	Yes		— with	nin a Wetlan	d?			<u></u>	
Remarks: Paired sample point for fe	ature #372								
VEGETATION – Use scientific r	names of nlan	te							
	lamoo or plan	Absolute	Dominant	Indicator	Dominance Tes	t workshe	et:		
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Domi				
1.					That Are OBL, F	ACW, or FA	AC:	11	(A)
2.					Total Number of Species Across				
3.		=	· 		Percent of Domin			2	(B)
4		-	= Total Cove		That Are OBL, F			50	(A/B)
Sapling/Shrub Stratum (Plot size:	,		= Total Cove) I					
1.	<i>'</i>				Prevalence Inde	ex workshe	eet:		
2			. ———		Total % Cov			tiply by:	
3.					OBL species	0	x 1 =	0	
4.					FACW species	0	x 2 =	0	
5.			-		FAC species	30	x 3 =	90	
			= Total Cove	er	FACU species	13	x 4 =	52	
Herb Stratum (Plot size:)				UPL species	2	x 5 =	10	
1. Mesembryanthemum nodiflorum)	10	Υ	FACU	Column Totals:	45	(A)	152	(B)
2. Festuca perennis		30	Υ	FAC	Prevalen	ce Index = 1	B/A = 3.4		
3. Centaurea melitensis		2	N	UPL			·		
4. Deinandra fasciculata		1	N	FACU	Hydrophytic Ve	getation Ir	dicators:		
5. Salsola tragus		2	N	FACU	Dominance	e Test is >5	50%		
6						e Index is ≤			
7.			. ———			, ,	ations¹ (Prov r on a sepa		
8							•		,
Woody Vine Stratum (Plot size:	,	45	= Total Cov	er er	Problemat	ic Hydroph	ytic Vegetat	tion¹ (Exp	olain)
		1			¹ Indicators of hy	ıdria aail an	المحالمين لم	dralaa.	, much
1 2.					be present, unle				/ must
Z		45	= Total Cove	or .	Urdranhytia		<u> </u>		
		40	- Total Cove	7 1	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum	% C	over of Biotic	Crust		Present?	Yes		Nox	
Remarks: The sample area does not	support a predo	minance of h	ydrophytic veg	getation.	1				
-	-		•						

SOIL Sampling Point: 372-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches)	Color (moist)	%	Color (moist)	edox Features % Tv	ype ¹	Loc ²	Texture	R	emarks	
0-6	10YR 4/4	100	()				pamy sand			
6-18	10YR 4/3	100		 			Janny Juniu			
0-10	1011 4/3	100					·			
	_									
	_, _									
-	_									
	_,									
¹ Type: C=C	Concentration, D=Depletion	n RM-Reduce	ad Matrix CS-Cover	ed or Coated San	nd Grains	² l oc	ation: PI –Pore I i	ning, RC=Root Cha	annel M-Matriy	,
	oil Indicators: (Applic				id Olailis.	LOC		Problematic Hy		
-	sol (A1)	Jabio to all E		Redox (S5)				(A9) (LRR C)		
	Epipedon (A2)			d Matrix (S6)				(A10) (LRR B)		
	Histic (A3)		Loamy	Mucky Mineral	(F1)			/ertic (F18)		
Hydro	gen Sulfide (A4)		Loamy	Gleyed Matrix	(F2)		Red Parer	t Material (TF2)		
	ied Layers (A5) (LRR	C)		ed Matrix (F3)			Other (Exp	olain in Remarks))	
	Muck (A9) (LRR D)	(0.4.4)		Dark Surface (I	,					
	ted Below Dark Surfact Dark Surface (A12)	ce (A11)		ed Dark Surface Depressions (F			3Indicators of h	ydrophytic veget	ation and	
	Mucky Mineral (S1)			Pools (F9)	0)			drology must be		
	Gleyed Matrix (S4)			. 55.5 (. 5)				urbed or problem		
	e Layer (if present):							•		
Type:	c Layer (ii present).									
Depth (ir	nches):					Н	dric Soil Prese	nt? Yes	No	Х
• • •	No hydric soil indicate									
HYDROLO	nev									
	Hydrology Indicators	·•					Socone	dary Indicators	(2 or more re	auirod)
	ndicators (minimum of		· check all that an	alv)				ter Marks (B1) (I		<u>quireu)</u>
	,	one required	·					, , ,	,	٥)
	ce Water (A1) Water Table (A2)			st (B11) rust (B12)				diment Deposits t Deposits (B3) (e)
	ation (A3)			Invertebrates (E	B13)			ninage Patterns (
	r Marks (B1) (Nonrive	rine)		en Sulfide Odor	,			-Season Water		
	nent Deposits (B2) (No			d Rhizospheres		ing Roots		n Muck Surface		
	Deposits (B3) (Nonrive			e of Reduced I	_	· ·		yfish Burrows (C	. ,	
Surfac	ce Soil Cracks (B6)		Recent	Iron Reduction	in Tilled S	oils (C6)	Sat	uration Visible o	n Aerial Image	ery (C9)
Inund	ation Visible on Aerial	Imagery (B7	Thin Mu	ck Surface (C7	·)		Sha	allow Aquitard (D	3)	
Water	r-Stained Leaves (B9)		Other (E	xplain in Rema	arks)		FA	C-Neutral Test ([D5)	
Field Obse	ervations:									
		Yes	No Depth (in	ches):						
Water Tab			No Depth (in							
Saturation (includes c			No Depth (in	ches):		Wetland	Hydrology Pre	esent? Yes	No _	<u> </u>
Describe Re	ecorded Data (stream	gauge, moni	toring well, aerial p	hotos, previous	s inspection	ons), if ava	ilable:			-
D	de contra de la declaración									
kemarks: N	No wetland hydrology	indicators ob	servea.							

Project/Site: Southwest Village Specific	c Plan Project		City/Coun	ity: San Dieg	JO	Sampling Date	e: <u>6/27/23</u>
Applicant/Owner: Tri Point Homes					State: CA	Sampling Poir	nt: <u>373-UPL</u>
Investigator(s): Andrew Smisek			Section,	Township, F	Range: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mes	a		Local rel	lief (concave	, convex, none): none	SI	ope (%): <u>0</u>
Subregion (LRR): C		Lat:	32.55635		Long: -117.01856	Dat	um: NAD83
Soil Map Unit Name: Huerhuero loam	, 2-9% slopes				NWI classificat	tion: none	
Are climatic / hydrologic conditions on t	he site typical fo	or this time o	f year? Yes	xN	o(If no, explain i	n Remarks.)	
Are Vegetation x, Soil x,	or Hydrology	signif	icantly disturb	ed?	Are "Normal Circumstand	ces" present? Ye	es <u>x</u> No
Are Vegetation, Soil,	or Hydrology	natur	ally problemat	tic?	(If needed, explain any a	nswers in Remar	ks.)
SUMMARY OF FINDINGS – Attac	ch site man s	showing sa	mpling poir	nt location	s transects importa	nt features et	c
	on one map c		pg po		o, manocoto, importa		<u> </u>
Hydrophytic Vegetation Present?	Yes x		_ ls th	ne Sampled	Area		
Hydric Soil Present?	Yes	Nox		nin a Wetlan	Yes	No	X
Wetland Hydrology Present?	Yes	Nox	_				
Remarks: Paired sample point for fea	ture #373.						
VEGETATION – Use scientific na	ames of plan	ts.					
<u>Tree Stratum</u> (Plot size:	\	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test wor		
1.	/		· · · · · · · · · · · · · · · · · · ·	Status	Number of Dominant S That Are OBL, FACW,		1 (A)
			. ———		Total Number of Domi		(A)
3.			. ———		Species Across All Str		1 (B)
4.			. ———		Percent of Dominant S	Species	. ,
-			= Total Cove	er	That Are OBL, FACW,	or FAC:	100 (A/E
Sapling/Shrub Stratum (Plot size:)						
1.					Prevalence Index wo	rksheet:	
2.					Total % Cover of:	Mul	tiply by:
3					OBL species	x 1 =	
4					FACW species		
5			_		FAC species		
			= Total Cove	er	FACU species		
Herb Stratum (Plot size:)				UPL species		
Deinandra fasciculata		1	N	FACU	Column Totals:	(A)	(B)
2. Festuca perennis		50	<u> </u>	FAC	Prevalence Ind	lex = B/A =	
3. Mesembryanthemum nodiflorum		5	N	FACU			
4. Centaurea melitensis		10	N	UPL	Hydrophytic Vegetat		
5. Salsola tragus		2	N	FACU	x Dominance Tes		
6.					Prevalence Inde		
7.			-		Morphological A	daptations' (Prov arks or on a sepa	11 0
8		 68	= Total Cov				,
Woody Vine Stratum (Plot size:	,		= Total Cov	/ei	Problematic Hyd	prophytic vegetar	tion (Explain)
					¹ Indicators of hydric s	oil and watland h	wdrology must
2.					be present, unless dis		
Z		68	= Total Cove		The described in	·	
			= Total Cove	5 1	Hydrophytic Vegetation		
% Bare Ground in Herb Stratum	% C	over of Biotic	Crust		_	Yes <u>x</u> I	No
Remarks: The sample area supports a	predominance	of hydrophyt	tic vegetation.				

SOIL Sampling Point: 373-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches)	Matrix	<u> </u>	Rec	dox Features		_	
	Color (moist)	%	Color (moist)	% Type ¹	Loc ²	Texture	Remarks
0-2	10YR 4/3	100				sand	
3-7	10YR 3/2	100				sandy clay	
8-18	10YR 4/3	100				sandy clay	
					-		
							_
	-						
	. —						
17		in DM Dadward	Matrix CO Carrana			Lasatiana DL D	and Linium DO. Doot Observed M. Matrix
	ncentration, D=Deplet I Indicators: (Appl				ains. 1		ore Lining, RC=Root Channel, M=Matrix. s for Problematic Hydric Soils ³ :
Histoso		icable to all Livi	•	edox (S5)			Muck (A9) (LRR C)
	pipedon (A2)			Matrix (S6)			Muck (A10) (LRR B)
	listic (A3)			lucky Mineral (F1)		ced Vertic (F18)
	en Sulfide (A4)			Bleyed Matrix (F2)			Parent Material (TF2)
	ed Layers (A5) (LRF	R C)	Depleted	l Matrix (F3)		Other	(Explain in Remarks)
	uck (A9) (LRR D)			ark Surface (F6)			
	ed Below Dark Surfa	ace (A11)		Dark Surface (F	7)	21 11 1	
	Oark Surface (A12)			epressions (F8)			s of hydrophytic vegetation and
	Mucky Mineral (S1) Gleyed Matrix (S4)	1	Vernal P	00IS (F9)			d hydrology must be present, disturbed or problematic.
						1	, distance of problematic.
Type:	Layer (if present):	i					
Depth (inc	shee).		_			Hydric Soil P	resent? Yes No x
			_			Tiyunc Son T	resent? Yes NoX
Remarks: N	lo hydric soil indica	tors observed.					
HYDROLO							
-	ydrology Indicator					<u>Se</u>	econdary Indicators (2 or more required)
Primary Ind		nt and required. a					
		n one required, e	heck all that apply				_ Water Marks (B1) (Riverine)
Surface	` '	one required, e	Salt Crust	: (B11)			Sediment Deposits (B2) (Riverine)
High W	/ater Table (A2)	ir one required, e	Salt Crust Biotic Cru	: (B11) st (B12)			Sediment Deposits (B2) (Riverine) _ Drift Deposits (B3) (Riverine)
High W	/ater Table (A2) tion (A3)		Salt Crust Biotic Cru Aquatic In	t (B11) st (B12) overtebrates (B13)	,		Sediment Deposits (B2) (Riverine) _ Drift Deposits (B3) (Riverine) _ Drainage Patterns (B10)
High W Saturat Water N	/ater Table (A2) tion (A3) Marks (B1) (Nonriv	rerine)	Salt Crust Biotic Cru Aquatic In Hydrogen	t (B11) st (B12) overtebrates (B13) Sulfide Odor (C1)		Sediment Deposits (B2) (Riverine) _ Drift Deposits (B3) (Riverine) _ Drainage Patterns (B10) _ Dry-Season Water Table (C2)
High W Saturat Water N Sedime	/ater Table (A2) tion (A3) Marks (B1) (Nonriv ent Deposits (B2) (N	rerine) Nonriverine)	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I	t (B11) st (B12) vertebrates (B13) Sulfide Odor (C1 Rhizospheres alo) ng Living Roc		Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
High W Saturat Water M Sedime Drift De	Vater Table (A2) tion (A3) Marks (B1) (Nonriv ent Deposits (B2) (Nonriv eposits (B3) (Nonriv	rerine) Nonriverine)	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I	t (B11) st (B12) overtebrates (B13) Sulfide Odor (C1 Rhizospheres alo of Reduced Iron	ng Living Roo (C4)		Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
High W Saturat Water N Sedime Drift De	Vater Table (A2) Ition (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Caste (B6))	verine) Nonriverine) verine)	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Iro	st (B11) st (B12) overtebrates (B13) Sulfide Odor (C1 Rhizospheres alo of Reduced Iron on Reduction in Ti	ng Living Roo (C4)		Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
High W Saturat Water N Sedime Drift De Surface	Vater Table (A2) Ition (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Deposits (B3) (Nonrivent Deposits (B6) (B6)	verine) Nonriverine) verine) al Imagery (B7)	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc	st (B11) st (B12) overtebrates (B13) Sulfide Odor (C1 Rhizospheres alo of Reduced Iron on Reduction in To c Surface (C7)	ng Living Roo (C4) illed Soils (C6		Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
High W Saturat Water N Sedime Drift De Surface Inundat Water-S	Vater Table (A2) Ition (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Caste (B6)) Ition Visible on Aeria Stained Leaves (B8)	verine) Nonriverine) verine) al Imagery (B7)	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc	st (B11) st (B12) overtebrates (B13) Sulfide Odor (C1 Rhizospheres alo of Reduced Iron on Reduction in Ti	ng Living Roo (C4) illed Soils (C6		Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
High W Saturat Water N Sedime Drift De Surface Inundat Water-S	Vater Table (A2) Ition (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Cracks (B6)) Ition Visible on Aeria Stained Leaves (B9)	verine) Nonriverine) verine) al Imagery (B7)	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck	st (B11) st (B12) overtebrates (B13) Sulfide Odor (C1 Rhizospheres alo of Reduced Iron on Reduction in To & Surface (C7) plain in Remarks)	ng Living Roo (C4) illed Soils (C6		Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
High W Saturat Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat	Vater Table (A2) Ition (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonriversits (B3) (Nonriversits (B6)) The Soil Cracks (B6) The Stained Leaves (B9) Trustions: The Table (A2) The Table (A	verine) Nonriverine) verine) al Imagery (B7) B) Yes No	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex	st (B11) st (B12) evertebrates (B13) Sulfide Odor (C1 Rhizospheres alo of Reduced Iron on Reduction in To x Surface (C7) plain in Remarks) mes):	ng Living Roo (C4) illed Soils (C6		Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
High W Saturat Water M Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table	Vater Table (A2) Ition (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Deposits (B6) (Nonriv	verine) Nonriverine) verine) al Imagery (B7) 0) Yes No	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex	st (B11) st (B12) avertebrates (B13) Sulfide Odor (C1 Rhizospheres alo of Reduced Iron on Reduction in To a Surface (C7) plain in Remarks) nes):	ng Living Roo (C4) illed Soils (C6	ots (C3)	Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
High W Saturat Water M Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P	Vater Table (A2) Ition (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Deposits (B6) (Nonriv	verine) Nonriverine) verine) al Imagery (B7) 0) Yes No	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex	st (B11) st (B12) avertebrates (B13) Sulfide Odor (C1 Rhizospheres alo of Reduced Iron on Reduction in To a Surface (C7) plain in Remarks) nes):	ng Living Roo (C4) illed Soils (C6		Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
High W Saturat Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes ca	Vater Table (A2) Ition (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonriv	verine) Nonriverine) verine) al Imagery (B7) 0) Yes No Yes No	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex	st (B11) st (B12) evertebrates (B13) Sulfide Odor (C1 Rhizospheres alo of Reduced Iron on Reduction in To c Surface (C7) plain in Remarks) ess): ess):	ng Living Roc (C4) illed Soils (C6)	ots (C3) 6)	Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
High W Saturat Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes ca	Vater Table (A2) Ition (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Deposits (B6) (Nonriv	verine) Nonriverine) verine) al Imagery (B7) 0) Yes No Yes No	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex	st (B11) st (B12) evertebrates (B13) Sulfide Odor (C1 Rhizospheres alo of Reduced Iron on Reduction in To c Surface (C7) plain in Remarks) ess): ess):	ng Living Roc (C4) illed Soils (C6)	ots (C3) 6)	Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
High W Saturat Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal	Vater Table (A2) Ition (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Deposits (B6) (Nonriv	rerine) Nonriverine) verine) al Imagery (B7) b) Yes No Yes No Yes No The gauge, monitor	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex	st (B11) st (B12) evertebrates (B13) Sulfide Odor (C1 Rhizospheres alo of Reduced Iron on Reduction in To c Surface (C7) plain in Remarks) ess): ess):	ng Living Roc (C4) illed Soils (C6)	ots (C3) 6)	Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
High W Saturat Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal	Vater Table (A2) Ition (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonriv	rerine) Nonriverine) verine) al Imagery (B7) b) Yes No Yes No Yes No The gauge, monitor	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex	st (B11) st (B12) evertebrates (B13) Sulfide Odor (C1 Rhizospheres alo of Reduced Iron on Reduction in To c Surface (C7) plain in Remarks) ess): ess):	ng Living Roc (C4) illed Soils (C6)	ots (C3) 6)	Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
High W Saturat Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal	Vater Table (A2) Ition (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Deposits (B6) (Nonriv	rerine) Nonriverine) verine) al Imagery (B7) b) Yes No Yes No Yes No The gauge, monitor	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex	st (B11) st (B12) evertebrates (B13) Sulfide Odor (C1 Rhizospheres alo of Reduced Iron on Reduction in To c Surface (C7) plain in Remarks) ess): ess):	ng Living Roc (C4) illed Soils (C6)	ots (C3) 6)	Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
High W Saturat Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cal	Vater Table (A2) Ition (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Deposits (B6) (Nonriv	rerine) Nonriverine) verine) al Imagery (B7) b) Yes No Yes No Yes No The gauge, monitor	Salt Crust Biotic Cru Aquatic In Hydrogen Oxidized I Presence Recent Irc Thin Muck Other (Ex	st (B11) st (B12) evertebrates (B13) Sulfide Odor (C1 Rhizospheres alo of Reduced Iron on Reduction in To c Surface (C7) plain in Remarks) ess): ess):	ng Living Roc (C4) illed Soils (C6)	ots (C3) 6)	Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)

Project/Site: Southwest Village Spec	ific Plan Project		City/Coun	nty: San Dieg	0	Sai	mpling Date	e: <u>5/4/23</u>	3
Applicant/Owner: Tri Point Homes					State:	CA Sai	mpling Poir	nt: <u>375-L</u>	JPL
Investigator(s): Andrew Smisek			Section,	Township, F	Range: Section 31,	T18S R01\	N		
Landform (hillslope, terrace, etc.): me	sa along road		Local rel	lief (concave	, convex, none): <u>m</u>	esa	Sle	ope (%):	0
Subregion (LRR): <u>C</u>		Lat:	32.55602		Long: <u>-117.0185</u>	3	Dat	um: <u>NAD</u>	83
Soil Map Unit Name: Huerhuero loar	n, 2-9% slopes				NWI clas	sification: r	none		
Are climatic / hydrologic conditions or	the site typical f	or this time o	f year? Yes	x No	o(If no, ex	plain in Rer	narks.)		
Are Vegetation, Soil	, or Hydrology	signif	ficantly disturb	ed?	Are "Normal Circun	nstances" p	resent? Ye	s x	No
Are Vegetation, Soil	, or Hydrology	natur	ally problemat	tic?	(If needed, explain	any answer	s in Remar	ks.)	
SUMMARY OF FINDINGS – Atta	ach site man s	howing sa	mpling poi	nt location	s transects imr	ortant fe	atures et	·C	
COMMANT OF THE INCO - ALL	acii site iliap s	silowing sa		in location	3, transects, mi	Jortant le	atures, et	··	
Hydrophytic Vegetation Present?	Yes	No x	le th	ne Sampled	Area				
Hydric Soil Present?	Yes	No x		nin a Wetlan	Y	es	No	Х	
Wetland Hydrology Present?	Yes	No x	_						
Remarks: Paired sample point for fe	eature #375.								
VEGETATION – Use scientific i	names of plan	ts.							
		Absolute	Dominant	Indicator	Dominance Tes	t workshee	et:		
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Domi			_	
1.			. ———		That Are OBL, F	•	NC:	0	(A)
2. 3.					Total Number of Species Across				(5)
					Percent of Domin			11	(B)
4		-	= Total Cove		That Are OBL, F.			0	(A/B)
Sapling/Shrub Stratum (Plot size:	,		= TOTAL COVE	7 1					
1.		'			Prevalence Inde	ex workshe	et.		
2		_	· 		Total % Cov			tiply by:	
3.					OBL species	0	x 1 =	0	
4.					FACW species	0	x 2 =	0	_
5.					FAC species	15	x 3 =	45	
		-	= Total Cove	er	FACU species	41	x 4 =	164	
Herb Stratum (Plot size:)	-			UPL species	0	x 5 =	0	
1. Melilotus indicus		1	N	FACU	Column Totals:	56	(A)	209	(B)
2. Hordeum marinum		10	N	FAC	Prevalen	ce Index = E	3/A = 3.7		
3. Festuca perennis		5	N	FAC			<u></u>		_
4. Mesembryanthemum nodiflorum	1	40	Υ	FACU	Hydrophytic Ve	getation In	dicators:		
5					Dominanc	e Test is >5	0%		
6					Prevalence	e Index is ≤	3.0 ¹		
7						gical Adapta	`		
8					data in	Remarks or	r on a sepa	rate shee	et)
		56	= Total Cov	/er	Problemat	ic Hydrophy	tic Vegetar	tion¹ (Exp	olain)
Woody Vine Stratum (Plot size:)								
1					¹ Indicators of hy be present, unle				/ must
2					be present, unit	ess distuibe	d of proble	mauc.	
		56	= Total Cove	er	Hydrophytic				
% Bare Ground in Herb Stratum	44 % C	over of Biotic	: Crust		Vegetation Present?	Yes		No x	
				actotics	11230				=
Remarks: The sample area does not	suppoπ a predo	minance of h	γαιορηγίε νε	yetation.					

SOIL Sampling Point: <u>375-UPL</u>

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			Redox Featu	res		_			
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	<u> </u>
0-18	10YR 4/3	100					sandy clay	no redox		
	•						-	_		
		· 								
								_		
		· 								
							-			
								_		
		· 					-	_		
1						2	 	-		
	ncentration, D=Depletion					S. ²	Location: PL=Pore			
Hydric Soil	I Indicators: (Applic	able to all LRR	s, unless oth	erwise note	d.)		Indicators f	or Problem	atic Hydric S	oils³:
Histoso	l (A1)		Sandy	Redox (S5)			1 cm M	uck (A9) (LR	R C)	
Histic E	pipedon (A2)		Stripp	ed Matrix (S6	5)		2 cm M	uck (A10) (L l	RR B)	
	listic (A3)			y Mucky Mine				d Vertic (F18		
Hydrog	en Sulfide (A4)		Loam	y Gleyed Mat	trix (F2)		Red Pa	rent Material	(TF2)	
Stratifie	d Layers (A5) (LRR	C)	Deple	ted Matrix (F	3)		Other (E	Explain in Re	marks)	
1 cm M	uck (A9) (LRR D)		Redox	Coark Surface	ce (F6)					
Deplete	ed Below Dark Surfac	e (A11)	Deple	ted Dark Sur	face (F7)					
Thick D	ark Surface (A12)		Redox	c Depression	s (F8)		³ Indicators of	of hydrophytic	c vegetation a	ınd
Sandy I	Mucky Mineral (S1)		Verna	l Pools (F9)			wetland	hydrology m	ust be presen	t,
Sandy (Gleyed Matrix (S4)						unless d	isturbed or p	roblematic.	
Restrictive	Layer (if present):									
Type:										
Depth (inc	shoc):						Hydric Soil Pre	cont? V	es	No x
Deput (inc							riyane con ric	ociit: i		NO X
HYDROLO	GY									
Wetland Hy	ydrology Indicators	:					Sec	ondary Indic	ators (2 or n	nore require
Primary Ind	icators (minimum of	one required; ch	eck all that ap	ply)				Nater Marks	(B1) (Riverin	e)
Surface	e Water (A1)		Salt Cr	ust (B11)				Sediment De	posits (B2) (R	liverine)
	ater Table (A2)			Crust (B12)					B3) (Riveri	
	ion (A3)			Invertebrate	es (B13)			Drainage Pat		-,
	Marks (B1) (Nonrive i	rine)		en Sulfide O	` '			_	Nater Table (C2)
	ent Deposits (B2) (No			ed Rhizosphe		Living Ro		Thin Muck Sι		<i></i> /
	eposits (B3) (Nonrive			ce of Reduce	_	_		Crayfish Burr	` ,	
	e Soil Cracks (B6)	············		Iron Reducti	,	,		-	sible on Aeria	l Imagen, (C)
	tion Visible on Aerial	Imagan, (P7)				u oons (Ci		Shallow Aqui		i iiiageiy (Cs
		imagery (b7)		uck Surface					, ,	
vvater-	Stained Leaves (B9)		Other (Explain in Re	emarks)		'	FAC-Neutral	Test (D5)	
Field Obser	vations:									
Surface Wat	ter Present?	'es No	Depth (ii	nches):						
Water Table	Present?	/es No	Depth (in	nches):						
Saturation P		es No	Depth (ii	nches):		Wetla	nd Hydrology	Present?	Yes	No x
(includes ca	pillary fringe)			, -						
Describe Rec	corded Data (stream	gauge, monitorii	ng well, aerial	photos, previ	ious inspe	ctions), if a	available:			
	,					,				
Remarks: No	wetland hydrology i	ndicators observ	ved.			_				

Project/Site: Southwest Village Speci	fic Plan Project		City/Cour	nty: San Dieg	0	San	npling Date	: <u>6/27/2</u>	23
Applicant/Owner: Tri Point Homes					State:	CA San	npling Poin	t: <u>376-U</u>	JPL
Investigator(s): Andrew Smisek, Chris	s Thomson		Section,	Township, R	Range: Section 31,	T18S R01V	V		
Landform (hillslope, terrace, etc.): me	sa		Local re	lief (concave	, convex, none): <u>no</u>	ne	Slo	pe (%):	0
Subregion (LRR): C		Lat:	32.55595		Long: -117.0185	9	Datu	ım: <u>NAD</u>	83
Soil Map Unit Name: Huerhuero loar	n, 2-9% slopes				NWI clas	sification: n	one		
Are climatic / hydrologic conditions on	the site typical f	or this time o	f year? Yes	x N	o(If no, ex	plain in Rem	narks.)		
Are Vegetation x, Soil x,	or Hydrology	signif	icantly disturb	ed?	Are "Normal Circun	nstances" pr	esent? Yes	s <u>x</u>	No
Are Vegetation, Soil	<u>,</u> or Hydrology	natur	ally problema	tic?	(If needed, explain	any answers	s in Remark	(s.)	
SUMMARY OF FINDINGS – Atta	ach site map s	showing sa	mpling poi	nt location	s, transects, imp	ortant fea	itures, etc	> .	
Hydrophytic Vegetation Present?	Yes	No x	1- 4	0 1 - 1	A				
Hydric Soil Present?	Yes	No x		he Sampled nin a Wetlan	Y	es	No	(
Wetland Hydrology Present?	Yes	No x		iii a weiaii	u:				
Remarks: Paired sample point with to the variety of		ts.							
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Number of Domi That Are OBL, F.	nant Specie	S	1	(A)
2					Total Number of Species Across	Dominant		2	(A) (B)
4.		-			Percent of Domir				
			= Total Cove	ər	That Are OBL, F	ACW, or FA	C:	50	(A/B)
Sapling/Shrub Stratum (Plot size:))	•						
1			- 		Prevalence Inde	x workshe	et:		
2					Total % Cov	er of:	Mult	iply by:	_
3			·		OBL species	0	x 1 =	0	
4					FACW species	0	x 2 =	0	_
5					FAC species FACU species	75 20	x 3 = x 4 =	225 80	_
Herb Stratum (Plot size:)		= Total Cove	er	UPL species	0	x 5 =	0	_
Festuca perennis		75	Υ	FAC	Column Totals:	95	(A)	305	(B)
Deinandra fasciculata		20	Y	FACU	=	ce Index = B			(=)
4.		_			Hydrophytic Ve	getation Inc	dicators:		
5			- 		Dominance	e Test is >50	0%		
6					Prevalence	e Index is ≤3	3.0 ¹		
7 8.					<u> </u>	ical Adaptat Remarks or	,		
Woody Vine Stratum (Plot size:	1	95	= Total Cov	/er	Problemat	ic Hydrophy	tic Vegetati	on¹ (Exp	olain)
1		_			¹ Indicators of hy be present, unle				/ must
		95	= Total Cove	er	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum		over of Biotic			Present?	Yes	N	10 <u>x</u>	
Remarks: The sample area does not	support a predoi	minance of h	ydrophytic ve	getation.					

SOIL Sampling Point: 376-UPL

Depth _	Matrix				dox Featu			_				
(inches)	Color (moist)	%	Color	(moist)	%	Type ¹	Loc ²	Textu	ure	Rem	narks	
0-3 7	7.5YR 3/2							sandy cl	ay			
4-18 7	7.5YR 5/3							sandy cl	ay			
			-									
			-			-						
1Tuno: C-Cono	entration, D=Depletion	n PM-Poduc	and Matrix	CS-Covere	d or Cooted	Sand Crain	2	l continue DI	=Pore Lining, R0	C_Boot Chann	ol M-Motrix	,
	ndicators: (Applic						5.		tors for Proble			
Histosol (/		abic to all i	Litito, di		Redox (S5)				cm Muck (A9) (•	ic cons .	
	pedon (A2)		_		Matrix (Se				m Muck (A9) (
Black Hist			_		Mucky Min	,			educed Vertic (
	Sulfide (A4)		_		Sleyed Ma				ed Parent Mate	,		
Stratified I	Layers (A5) (LRR	C)	_		d Matrix (F	. ,			her (Explain in			
1 cm Muc	k (A9) (LRR D)			Redox D	ark Surfac	ce (F6)		<u> </u>				
Depleted	Below Dark Surfa	ce (A11)		Deplete	d Dark Sur	face (F7)						
Thick Dar	k Surface (A12)		_		epression	ıs (F8)		³ Indica	tors of hydroph	nytic vegetat	ion and	
	ucky Mineral (S1)		_	Vernal F	Pools (F9)				tland hydrology			
Sandy Gle	eyed Matrix (S4)							unl	ess disturbed o	or problemat	ic.	
Restrictive La	yer (if present):											
Type:												
турс.												
Depth (inche	es): hydric soil indicato	ors observed	i.					Hydric So	il Present?	Yes	No	X
Depth (inche Remarks: No	hydric soil indicate	ors observed	d.					Hydric So	il Present?	Yes	No	X
Depth (inche	hydric soil indicate		i.					Hydric So				
Depth (inche Remarks: No YDROLOGY Wetland Hyd	hydric soil indicate Y rology Indicators	::		all that appl	v)			Hydric So	Secondary Ir	ndicators (2	or more re	
Depth (inche Remarks: No LYDROLOG' Wetland Hyd Primary Indica	hydric soil indicate Y rology Indicators ators (minimum of	::						Hydric So	Secondary Ir	ndicators (2 ırks (B1) (Ri v	or more re	equire
Depth (inche Remarks: No YDROLOGY Wetland Hyd Primary Indica Surface V	hydric soil indicate Y rology Indicators ators (minimum of	::		Salt Crus	t (B11)			Hydric So	Secondary Ir Water Ma Sediment	ndicators (2 rks (B1) (Riv Deposits (B	or more reverine) 2) (Riverin	equire
Primary Indica Surface V High Wate	hydric soil indicate Y rology Indicators ators (minimum of Vater (A1) er Table (A2)	::		Salt Crus Biotic Cru	t (B11) ıst (B12)	es (B13)		Hydric So	Secondary Ir Water Ma Sediment Drift Depo	ndicators (2 rks (B1) (Riv Deposits (B osits (B3) (Ri	or more re verine) 2) (Riverin verine)	equire
Depth (inche Remarks: No Primary Indica Surface V High Wate Saturation	hydric soil indicators rology Indicators ators (minimum of Vater (A1) er Table (A2) n (A3)	s: one required		Salt Crus Biotic Cru Aquatic Ir	t (B11) ist (B12) nvertebrate			Hydric So	Secondary Ir Water Ma Sediment Drift Depo	ndicators (2 irks (B1) (Riv Deposits (B. osits (B3) (Ri Patterns (B1	or more reverine) 2) (Riverine) verine) 0)	equire
Depth (inche Remarks: No Primary Indica Surface V High Wate Saturation Water Ma	hydric soil indicators rology Indicators ators (minimum of Vater (A1) er Table (A2) n (A3) arks (B1) (Nonrive	s: one required		Salt Crus Biotic Cru Aquatic In Hydroger	t (B11) ust (B12) nvertebrate n Sulfide O	dor (C1)	Living Ro		Secondary Ir Water Ma Sediment Drift Depo Drainage Dry-Seaso	ndicators (2 irks (B1) (Riv Deposits (B osits (B3) (Ri Patterns (B1 on Water Ta	or more reverine) 2) (Riverine) verine) 0) ble (C2)	equire
Primary Indica Surface V High Water Mater	hydric soil indicators rology Indicators ators (minimum of Vater (A1) er Table (A2) n (A3) arks (B1) (Nonrive	s: one required rine) onriverine)		Salt Crus Biotic Cru Aquatic In Hydroger Oxidized	t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe	odor (C1) eres along	_		Secondary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Mucl	ndicators (2 irks (B1) (Riv Deposits (B. psits (B3) (Ri Patterns (B1 on Water Ta	or more reverine) 2) (Riverine) 0) ble (C2) 7)	equire
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Primary Indication Surface V High Water Ma Sediment Drift Depo	hydric soil indicators frology Indicators ators (minimum of Vater (A1) er Table (A2) n (A3) arks (B1) (Nonrive E Deposits (B2) (Nonrive Soil Cracks (B6) n Visible on Aerial	one required rine) conriverine) erine)	d; check	Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc	t (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe of Reduce on Reduct k Surface	odor (C1) eres along ed Iron (C4 ion in Tille (C7)	4)	ots (C3)	Secondary Ir Water Ma Sediment Drift Depo Drainage Dry-Sease Thin Mucl Crayfish E Saturatior Shallow A	ndicators (2 rks (B1) (Riv Deposits (B sits (B3) (Ri Patterns (B1 on Water Ta k Surface (C Burrows (C8) n Visible on A quitard (D3)	or more reverine) 2) (Riverine) 0) ble (C2) 7) Aerial Image	equire e)
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Project/Site: Southwest Village Specific Plan Project		City/Cour	nty: San Dieg	go Sampling Date: 6/27/23
Applicant/Owner: Tri Point Homes				State: CA Sampling Point: 377-UPL
Investigator(s): Andrew Smisek, Chris Thomson		Section,	Township, R	Range: Section 31, T18S R01W
Landform (hillslope, terrace, etc.): mesa		Local re	lief (concave	, convex, none): none Slope (%): 0
Subregion (LRR): C	Lat:	32.55585		Long: -117.01852 Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classification: none
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	x No	o(If no, explain in Remarks.)
Are Vegetation x, Soil x, or Hydrology	signif	cantly disturb	ed?	Are "Normal Circumstances" present? Yesx_ No
Are Vegetation, Soil, or Hydrology	natura	ally problema	tic?	(If needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map sl	nowing sa	mpling poi	nt location	s, transects, important features, etc.
Hydrophytic Vegetation Present? Yes x	No	1- 4	011	A
Hydric Soil Present? Yes	No x		he Sampled nin a Wetlan	VAC NO V
Wetland Hydrology Present? Yes	No x	_	iiii a rrotiaii	-
Remarks: Paired sample point for feature #377. VEGETATION – Use scientific names of plant:	e			
VEGETATION - Ose scientific flames of plants	Absolute	Dominant	Indicator	Dominance Test worksheet:
Tree Stratum (Plot size:) 1.	% Cover	Species?	Status	Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
2. 3.				Total Number of Dominant Species Across All Strata: 2 (B)
4.				Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)
Sapling/Shrub Stratum (Plot size:		= Total Cove	er	· · · · · · · · · · · · · · · · · · ·
1				Prevalence Index worksheet:
2.				Total % Cover of: Multiply by:
3.				OBL species 0 x 1 = 0
4.				FACW species 0 x 2 = 0
5.				FAC species 25 x 3 = 75
		= Total Cove	er	FACU species 20 x 4 = 80
Herb Stratum (Plot size:)				UPL species 0 x 5 = 0
1. Hordeum marinum	20	Y	FAC	Column Totals:45 (A)135(B)
2. Mesembryanthemum nodiflorum	20	Y	FACU	Prevalence Index = B/A = 3
3. Festuca perennis	5	N	FAC	
4				Hydrophytic Vegetation Indicators:
5				Dominance Test is >50%
6.				x Prevalence Index is ≤3.0¹
7				Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
8	45	= Total Cov	uor.	
Woody Vine Stratum (Plot size:)	45	= 10(a) C0(/ei	Problematic Hydrophytic Vegetation ¹ (Explain)
				¹ Indicators of hydric soil and wetland hydrology must
1 2.				be present, unless disturbed or problematic.
	45	= Total Cove		Hydrophytic
% Bare Ground in Herb Stratum % Co	over of Biotic		oi.	Vegetation Present? Yes x No
Remarks: The sample area supports a predominance				
incomanto. Trio sample area supporto a predominante	σι πγαιοριιγί	io vogetation.		

SOIL Sampling Point: 377-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Features		_	
(inches)	Color (moist)	% (Color (moist)	% Type ¹	Loc ²	Texture	Remarks
0-3	10YR 3/2	100				sandy clay	
4-18	10YR 4/3	100				clay	
							-
	-						
	-						
							-
4	-						
	•			d or Coated Sand Grain	S. ²		e Lining, RC=Root Channel, M=Matrix.
-	il Indicators: (Appl	icable to all LRR		•			for Problematic Hydric Soils ³ :
Histoso	` '			Redox (S5)			uck (A9) (LRR C)
	Epipedon (A2)			Matrix (S6)			uck (A10) (LRR B)
	Histic (A3) gen Sulfide (A4)			Mucky Mineral (F1) Gleyed Matrix (F2)			ed Vertic (F18) rent Material (TF2)
	ed Layers (A5) (LR I	S C)		d Matrix (F3)			Explain in Remarks)
	fuck (A9) (LRR D)	(0)		Dark Surface (F6)			zapiam in remarko)
	ed Below Dark Surf	ace (A11)		d Dark Surface (F7)			
	Dark Surface (A12)	,		Depressions (F8)		³ Indicators of	of hydrophytic vegetation and
Sandy	Mucky Mineral (S1)	1	Vernal F	Pools (F9)		wetland	hydrology must be present,
Sandy	Gleyed Matrix (S4)					unless d	listurbed or problematic.
Restrictive	Layer (if present):						_
Type:	, , ,						
Depth (in	ches):					Hydric Soil Pre	esent? Yes No x
HYDROLO	GY						
	lydrology Indicato	rs:				Sec	ondary Indicators (2 or more required)
	dicators (minimum o		eck all that appl	v)		· ·	Water Marks (B1) (Riverine)
	e Water (A1)	,,	Salt Crus				Sediment Deposits (B2) (Riverine)
	Vater Table (A2)		Biotic Cru	. ,			Drift Deposits (B3) (Riverine)
	tion (A3)			nvertebrates (B13)			Drainage Patterns (B10)
	Marks (B1) (Nonriv	rerine)		Sulfide Odor (C1)			Dry-Season Water Table (C2)
	ent Deposits (B2) (I			Rhizospheres along	Livina Ro		Thin Muck Surface (C7)
	eposits (B3) (Nonri			of Reduced Iron (C	-		Crayfish Burrows (C8)
	e Soil Cracks (B6)	,		on Reduction in Tille	,		Saturation Visible on Aerial Imagery (C9)
	ation Visible on Aeria	al Imagery (B7)		k Surface (C7)	,		Shallow Aguitard (D3)
Water-	Stained Leaves (B9	9)		plain in Remarks)			FAC-Neutral Test (D5)
	`	<u>, </u>		· /			. ,
Field Obse	ater Present?	Yes No	Depth (inc	hos):			
Water Table			Depth (inc		_		
Saturation F			Depth (inc		Wetla	and Hydrology	Present? Yes No x
	apillary fringe)	res No	Deptil (inc	nes)	wella	ша пуагоюду	riesent? resno_x_
		n gauge, monitorii	ng well. aerial ph	notos, previous inspe	ctions), if a	available:	
	(33 ,	3 - , ,	,	-,,		
Remarks: N	o wetland hydrolog	y indicators observ	ved.				

Project/Site: Southwest Village Specific	Plan Project		City/Coun	ity: San Dieg	0	Saı	mpling Date	e: <u>6/27/2</u>	23
Applicant/Owner: Tri Point Homes					State:	CA Sai	mpling Poin	t: <u>383-L</u>	JPL
Investigator(s): Andrew Smisek			Section,	Township, R	Range: Section 31,	T18S R01\	N		
Landform (hillslope, terrace, etc.): mesa			Local re	lief (concave	, convex, none): <u>no</u>	ne	Slo	pe (%):	0
Subregion (LRR): C		Lat:	32.55640		Long: -117.0186	73	Date	ım: <u>NAD</u>	83
Soil Map Unit Name: Huerhuero loam,	2-9% slopes				NWI clas	sification: r	none		
Are climatic / hydrologic conditions on th	ne site typical fo	or this time o	f year? Yes	xNo	o(If no, ex	plain in Rer	narks.)		
Are Vegetation <u>x,</u> Soil <u>x,</u>	or Hydrology	signif	icantly disturb	ed?	Are "Normal Circun	nstances" p	resent? Ye	s <u>x</u>	No
Are Vegetation, Soil,	or Hydrology _	natur	ally problema	tic?	(If needed, explain	any answer	s in Remar	ks.)	
SUMMARY OF FINDINGS – Attac	h site map s	showing sa	mpling poi	nt location	s, transects, imp	ortant fea	atures, et	С.	
Hydrophytic Vegetation Present?	Yes x	No	1- 41	0 1 - 1	A				
Hydric Soil Present?	Yes	No x		ne Sampled nin a Wetlan	Y	es	No	X	
Wetland Hydrology Present?	Yes	No x		iii a wedan	u:				
VEGETATION – Use scientific na	mes of plan	ts.							
Tree Stratum (Plot size:1.)	Absolute % Cover	Dominant Species?	Indicator Status	Number of Dominate That Are OBL, F.	nant Specie	es	1	(A)
2. 3.					Total Number of Species Across	Dominant		2	(/ · /) (B)
4.					Percent of Domir				`` /
			= Total Cove	er	That Are OBL, F	ACW, or FA	۱C:	50	(A/B)
Sapling/Shrub Stratum (Plot size:)								
1					Prevalence Inde	ex workshe	et:		
2					Total % Cov			iply by:	_
3					OBL species	0	_ x 1 =	0	_
4					FAC species	60	_ x 2 =	100	_
5			T-1-1 O		FAC species FACU species	0	_ x 3 = x 4 =	180	
Herb Stratum (Plot size:)		= Total Cove	er	UPL species	5	_	25	
Festuca perennis		50	Υ	FAC	Column Totals:	65	(A)	205	(B)
Avena barbata		35	Y	UPL	=				
3. Hordeum marinum		10	N	FAC	Prevalen	ce Index = E	3/A = 3.2		_
4. Glebionis coronaria		5	N	UPL	Hydrophytic Ve	getation In	dicators:		
5.					Dominano	e Test is >5	0%		
6. <i>x</i>					Prevalence	e Index is ≤	3.0 ¹		
7 8.					<u> </u>	jical Adapta Remarks o	,		
		100	= Total Cov	ver .	Problemat	ic Hydrophy	rtic Vegetat	ion¹ (Exp	olain)
Woody Vine Stratum (Plot size:					¹ Indicators of hy be present, unle				/ must
2.		100	= Total Cove	er er	Hydrophytic	555 UISTUI DE	a or proble	nauc.	
% Bare Ground in Herb Stratum	0 % C	over of Biotic			Vegetation Present?	Yes_	1	No <u>x</u>	
Remarks: The sample area does not su	upport a predoi	minance of h	ydrophytic ve	getation.					

SOIL Sampling Point: 383-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		ŀ	Redox Feature	es		_				
(inches)	Color (moist)	<u> </u>	Color (moist)	<u></u> %	Type ¹	Loc ²	Texture		Rema	rks	
0-18	10YR 4/2	100					loamy sand				
				-							_
	-										
							_				
	-	· ——									
											
	-										
	ncentration, D=Depletion					S. ²	Location: PL=Po				
Hydric Soi	Indicators: (Applic	able to all LRR	s, unless othe	erwise noted	.)		Indicators	for Proble	ematic Hydric	: Soils³:	
Histoso	l (A1)		Sandy	Redox (S5)			1 cm N	/luck (A9) (I	LRR C)		
Histic E	pipedon (A2)		Strippe	ed Matrix (S6))		2 cm N	/luck (A10)	(LRR B)		
Black H	listic (A3)		Loamy	Mucky Mine	ral (F1)		Reduc	ed Vertic (F	- 18)		
Hydrog	en Sulfide (A4)		Loamy	Gleyed Matr	ix (F2)		Red Pa	arent Mate	rial (TF2)		
Stratifie	d Layers (A5) (LRR	C)	Deplet	ed Matrix (F3)		Other	(Explain in	Remarks)		
1 cm M	uck (A9) (LRR D)		Redox	Dark Surface	e (F6)						
Deplete	d Below Dark Surfac	e (A11)	Deplet	ed Dark Surfa	ace (F7)						
Thick D	ark Surface (A12)		Redox	Depressions	(F8)		3Indicators	of hydroph	ytic vegetatio	n and	
Sandy I	Mucky Mineral (S1)		Vernal	Pools (F9)			wetland	d hydrology	must be pres	ent,	
Sandy	Gleyed Matrix (S4)						unless	disturbed o	or problematic.		
Restrictive	Layer (if present):										
Type:	Layer (ii present).										
	hoo):	_					Lludria Sail Dr	000nt2	Voo	No. v	
Depth (inc							Hydric Soil Pr	esent:	Yes	No x	-
HYDROLO	GY										
Wetland H	ydrology Indicators	:					Sec	condary In	dicators (2 o	r more require	<u>ed)</u>
Primary Ind	icators (minimum of	one required; ch	eck all that ap	ply)				Water Mar	rks (B1) (Rive	rine)	
Surface	Water (A1)		Salt Cru	ust (B11)				Sediment	Deposits (B2)	(Riverine)	
	ater Table (A2)			rust (B12)					sits (B3) (Rive		
	ion (A3)			Invertebrates	: (B13)				Patterns (B10)		
	Marks (B1) (Nonrive i	rine)		en Sulfide Od	` '				on Water Table		
	ent Deposits (B2) (No			d Rhizospher		Livina Bo	oto (C2)		Surface (C7)		
				ce of Reduced	_	_	ois (C3)	•	` ,		
	eposits (B3) (Nonrive	inie)			`	,			Surrows (C8)	-i-l l (C	20)
	Soil Cracks (B6)	(57)		Iron Reductio		3 Solis (Ct	o)	•		rial Imagery (C	<i>.</i> 9)
	tion Visible on Aerial	Imagery (B7)		uck Surface (0				•	quitard (D3)		
Water-	Stained Leaves (B9)		Other (I	Explain in Rer	marks)			FAC-Neut	ral Test (D5)		
Field Obser	vations:										
Surface Wat	ter Present?	'es No	Depth (ir	nches):							
Water Table	Present?	es No	Depth (ir	nches):							
Saturation F		es No				Wetla	and Hydrology	Present?	Yes	No x	
	pillary fringe)					_	, , , , , ,				_
Describe Red	corded Data (stream	gauge, monitorir	ng well, aerial ı	ohotos, previo	ous inspec	ctions), if a	available:				
		-									
Remarks: No	wetland hydrology i	ndicators observ	red.					·			_
											-

Hydrology Hydrology	for this time of significant s	Local re 32.55605 of year? Yes ficantly disturb rally problema ampling poin ls tl with	x No	cange: Section 31, convex, none): nor Long: -117.01874 NWI class (If no, exp Are "Normal Circum (If needed, explain a	T18S R01W ne 4 sification: nc plain in Rema stances" pre	Slo Datu one arks.) esent? Ye in Remarl	ope (%): um: NAD s _ x ss.)	<u>0</u> 983
site typical Hydrology Hydrology site map Yes Yes Yes	for this time of significant s	Local re 32.55605 of year? Yes ficantly disturb rally problema ampling poin ls tl with	x No	Convex, none): nor Long: -117.01874 NWI class (If no, exp Are "Normal Circum (If needed, explain a s, transects, imp	ne 1 sification: <u>no</u> plain in Rema stances" pre any answers ortant feat	Slo Datu one arks.) esent? Ye in Remarl	s x	083
site typical Hydrology Hydrology site map Yes Yes Yes	for this time of significant s	32.55605 of year? Yes ficantly disturb rally problema ampling points is the with the second points of the second	x No	Long: -117.01874 NWI class (If no, exp Are "Normal Circum (If needed, explain a s, transects, impo	sification: no blain in Rema stances" pre any answers ortant feat	Datu one arks.) osent? Ye in Remarl	s x	083
site typical Hydrology Hydrology site map Yes Yes Yes	for this time of significant s	of year? Yes ficantly disturb rally problema ampling poi	x Noted? tic? nt location ne Sampled	NWI class NWI class NWI c	sification: no plain in Rema stances" pre any answers ortant feat	arks.) esent? Ye in Remarl	s <u>x</u>	
site typical Hydrology Hydrology site map Yes Yes Yes	signinatu showing saNoxNox	ficantly disturb rally problema ampling poi	nt location	O(If no, exp Are "Normal Circum (If needed, explain a s, transects, imp	olain in Rema stances" pre any answers ortant feat	arks.) esent? Ye in Remarl eures, etc	ks.)	_ No
Hydrology Hydrology site map Yes Yes Yes Yes	signinatu showing saNoxNox	ficantly disturb rally problema ampling poi	nt location	Are "Normal Circum (If needed, explain a s, transects, impo	stances" pre any answers ortant feat	esent? Ye in Remark ures, etc	ks.)	No
Hydrology site map Yes Yes Yes	natu showing sa No x No x	rally problema ampling poi	tic? nt location	(If needed, explain a s, transects, impo Area	any answers ortant feat	in Remarl	ks.)	No
YesYesYes	showing sa	ampling poi	nt location	s, transects, imp	ortant feat	ures, etc		
Yes Yes	No x	ls ti	ne Sampled	Area Ye			<u>. </u>	
Yes Yes	No x	ls ti	ne Sampled	Area Ye				
Yes	No x	Is the with	-	Ye	ne.	NI-		
Yes		with	nin a Wetlan	Ye				
-				d?		No	<u> </u>	
e #385.								
es of plar	nts.							
•		Dominant	Indicator	Dominance Test	worksheet	:		
)	% Cover	Species?	Status					
				That Are OBL, FA	ACW, or FAC): 	1	(A)
	=						_	<i>(</i> _)
							2	(B)
		- Total Cov			•		50	(A/B)
	,	= 10tal Cove	51					
	,			Prevalence Inde	x workshee	t:		
							iply by:	
				OBL species	0	x 1 =	0	_
				FACW species	0	x 2 =	0	
			-	FAC species	50	x 3 =	150	
		= Total Cove	er	FACU species	20	x 4 =	80	
)				UPL species	0	x 5 =	0	_
	5	N	FACU	Column Totals:	70	(A)	230	(B)
	10	N	FAC	Prevalenc	e Index = B/	A = 3.2		
	15	Y	FACU					
		 						
	=			<u> </u>		,		
		Total Co.						,
	10	= 10tal C0\	/ei	Problemation	c Hydrophyti	c Vegetat	on' (Exp	olain)
	,			¹ Indicators of by	dric soil and	wetland h	vdrology	/ must
								must
	70	= Total Cove		Hydrophytic				
		_ = 10tal COV	5 1	Vegetation				
% (Cover of Bioti	c Crust		Present?	Yes		10 x	
oort a predo	minance of h	nydrophytic ve	getation.	1				
				Absolute	Absolute % Cover Species? Status Number of Dominance Test Number of Dominant That Are OBL, FA Total Number of Dominant Species Across A Percent of Dominant That Are OBL, FA Total Number of Species Across A Percent of Dominant That Are OBL, FA Total Number of Dominant That Are OBL,	Absolute % Cover Species? Status Indicator Species? Status	Absolute Species? Indicator Status Number of Dominant Species That Are OBL, FACW, or FAC: Total Number of Dominant Species That Are OBL, FACW, or FAC: Total Number of Dominant Species Across All Strata: Percent of Dominant Species That Are OBL, FACW, or FAC:	Absolute

SOIL Sampling Point: 385-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches) 0-18	Color (moist) 10YR 4/3	%	Color (orko	
0-18	10YR 4/3		(moist)	%	Type ¹	Loc ²	Textur	<u>e</u>		Rem	aiks	
	10111 4/0	100						sandy cla	y no	redox			
					-								
					-								
								_					
					-			-					
T C. C	tti D. Dl-			0.0		1010	_ 2	Location: PL=	Dana Linina	DO D-	-4 01	-1 14 14	_4.4.
	centration, D=Deple						S.						
-	Indicators: (Appl	icable to all	LKKS, unit						ors for Pro		-	ic Soils	5".
Histosol (` '			_ ′	Redox (S5	,			n Muck (A	, ,	,		
	ipedon (A2)				d Matrix (S	,			n Muck (A		RB)		
Black His				_	Mucky Mir				luced Verti		\		
	n Sulfide (A4)			_	Gleyed Ma				Parent M	,	,		
	Layers (A5) (LRI	R C)		- '	ed Matrix (I	,		Oth	er (Explain	in Rem	narks)		
	ck (A9) (LRR D)			_	Dark Surfa	` '							
	Below Dark Surf	ace (A11)				ırface (F7)		2					
	rk Surface (A12)				Depressio				ors of hydr		_		
	lucky Mineral (S1)			_Vernal	Pools (F9)				and hydrol				
								unle	ss disturbe	ed or pro	oblemati	C.	
Sandy Mi Sandy Gl	leyed Matrix (54)												
Sandy Gl	.ayer (if present):												
Sandy Gl	. ,												
Sandy Gl Restrictive La Type: Depth (inche	ayer (if present)		d.					Hydric Soil	Present?	Ye	s	No	o <u>x</u>
Sandy Gl Restrictive La Type: Depth (inche Remarks: No	ayer (if present): nes): hydric soil indica	tors observed	d.										
Restrictive La Type: Depth (inche Remarks: No	ayer (if present): aes): hydric soil indica ayer (if present):	tors observed							Secondary	/ Indica	ntors (2	or mor	
Sandy Gl Restrictive La Type: Depth (inche Remarks: No	es): hes): hydric soil indicators (minimum cators (minimum cators):	tors observed	ed; check all						Secondary	/ Indica Marks (l	itors (2 (B1) (Riv	or mor	e requ
Sandy Gl Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface N	ayer (if present): pes): phydric soil indication arrow drology Indicato cators (minimum of water (A1)	tors observed	ed; check all	Salt Cru	st (B11)				Secondar Water	/ Indica Marks (l	ators (2 d	or mor erine)	e requ
Sandy Gl Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface N	es): hes): hydric soil indicators (minimum cators (minimum cators):	tors observed	ed; check all	Salt Cru					Secondar Water	/ Indica Marks (l	itors (2 (B1) (Riv	or mor erine)	e requ
Sandy Gl Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface N	ayer (if present): aes): b hydric soil indicate ary drology Indicate cators (minimum of Water (A1) ater Table (A2)	tors observed	ed; check all	Salt Cru Biotic Cr	st (B11)	tes (B13)			Secondary Water	/ Indica Marks (I ent Dep	ators (2 d	or mor erine) 2) (Rive	e requ
Sandy GI Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface N High Wat Saturatio	ayer (if present): aes): b hydric soil indicate ary drology Indicate cators (minimum of Water (A1) ater Table (A2)	tors observed	ed; check all	Salt Crus Biotic Cr Aquatic	st (B11) ust (B12)	` ,			Secondary Water Sedime Drift De	/ Indica Marks (I ent Dep eposits (ge Patte	ntors (2 (B1) (Rivosits (B2) (B3) (Rivosits (B2) (Rivosits (B3) (R	or more erine) 2) (Rive verine)	e requ
Sandy GI Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma	ayer (if present): aes): b hydric soil indicate arrow (minimum of water (A1) ater Table (A2) on (A3)	tors observed	ed; check all	Salt Crus Biotic Cr Aquatic Hydroge	st (B11) ust (B12) Invertebrat n Sulfide (` ,	Living Ro	<u>\$</u>	Secondary Water Sedime Drift De	/ Indica Marks (I ent Dep eposits (ge Patte ason W	ntors (2 d B1) (Riv osits (B2 (B3) (Riv erns (B1	or morerine) (Riverine) (O) (O) (O)	e requ
Sandy Gl Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sedimen	ayer (if present): aes): b hydric soil indicate cators (minimum of Water (A1) ater Table (A2) on (A3) arks (B1) (Nonriv	rs: of one require erine) Nonriverine)	ed; check all	Salt Crus Biotic Cr Aquatic Hydroge Oxidized	st (B11) ust (B12) Invertebrat n Sulfide (I Rhizosph	Odor (C1)	-	<u>\$</u>	Secondary Water Sedime Drift De Draina	/ Indica Marks (I ent Dep eposits (ge Patte ason W uck Sur	etors (2 de B1) (Rivosits (B2) (Rivosits (B1) (Rivosits (B1) de rens (or morerine) (Riverine) (O) (O) (O)	e requ
Sandy GI Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sedimen Drift Depo	ayer (if present): aes): by hydric soil indicators (minimum of water (A1) arks (B1) (Nonrivat Deposits (B2) (Nonrivat Deposits (B3) (Nonrivat Deposi	rs: of one require erine) Nonriverine)	ed; check all	Salt Crus Biotic Cr Aquatic Hydroge Oxidized Presenc	st (B11) ust (B12) Invertebrat in Sulfide (I Rhizosph e of Reduc	Odor (C1) neres along ced Iron (C4	4)		Secondar Water Sedime Drift De Draina Dry-Se Thin M	/ Indica Marks (I ent Depe eposits (ge Patte ason W uck Sur h Burro	ettors (2 d B1) (Riv osits (B2 (B3) (Riv erns (B1) /ater Tak face (C7 ws (C8)	or mor erine) (Rive verine) (0) (C2)	e requerine)
Sandy GI Restrictive La Type: Depth (inche Remarks: No IYDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sedimen Drift Depo	ayer (if present): aes): b hydric soil indicate cators (minimum of Water (A1) arter Table (A2) br (A3) arks (B1) (Nonriv attors (B3) (Nonriv Soil Cracks (B6)	rs: of one require erine) Nonriverine)	ed; check all	Salt Crus Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I	st (B11) ust (B12) Invertebrat n Sulfide (I Rhizosph e of Reduc	Odor (C1) neres along ced Iron (C4 ction in Tille	4)		Secondar Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae	/ Indica Marks (I ent Dep eposits (ge Patte ason W uck Sur h Burro tion Visi	ettors (2 d B1) (Rivosits (B2) (B3) (Rivorns (B1) derns (B1) dater Table face (C7) ws (C8) ble on A	or mor erine) (Rive verine) (0) (C2)	e requerine)
Sandy GI Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sedimen Drift Depo	ayer (if present): aes): b hydric soil indicate cators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) (Nonriv at Deposits (B2) (Nonriv Soil Cracks (B6) on Visible on Aeric	rs: of one require erine) Nonriverine) verine)	ed; check all	Salt Crus Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mus	st (B11) ust (B12) Invertebrat n Sulfide (I Rhizosph e of Reduct ron Reduct ck Surface	Odor (C1) neres along ced Iron (C4 ction in Tille	4)		Secondary Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae Shallov	y Indica Marks (I ent Dep eposits (ge Patte ason W uck Sur h Burro tion Visi v Aquita	ettors (2 de B1) (Rivosits (B2) (B3) (Rivors (B1) deter Table (C7) ws (C8) ble on A ard (D3)	or mor erine) 2) (Rive verine) 0) ble (C2) 7)	e requerine)
Sandy Gl Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sediment Drift Dept Surface S Inundatio Water-St	ayer (if present): aes): b hydric soil indicate cators (minimum of the cators (Manimum of the cators (B2) (Inter Table (A2) on (A3) arks (B1) (Nonrivent Deposits (B2) (Inter Table (B2) (Inter Table (B3) (Nonrivent Deposits (B3) (Nonrivent Depos	rs: of one require erine) Nonriverine) verine)	ed; check all	Salt Crus Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mus	st (B11) ust (B12) Invertebrat n Sulfide (I Rhizosph e of Reduc	Odor (C1) neres along ced Iron (C4 ction in Tille	4)		Secondary Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae Shallov	y Indica Marks (I ent Dep eposits (ge Patte ason W uck Sur h Burro tion Visi v Aquita	ettors (2 d B1) (Rivosits (B2) (B3) (Rivorns (B1) derns (B1) dater Table face (C7) ws (C8) ble on A	or mor erine) 2) (Rive verine) 0) ble (C2) 7)	e requerine)
Sandy GI Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sediment Drift Dept Surface S Inundatio Water-St	ayer (if present): aes): b hydric soil indicate cators (minimum of the cators (Manimum of the cators (B2) (Inter Table (A2) on (A3) arks (B1) (Nonrivent Deposits (B2) (Inter Table (B3) (Nonrivent Deposits (B3) (Nonriven	tors observed rs: of one require erine) Nonriverine) verine) al Imagery (B	ed; check all	Salt Crue Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) ust (B12) Invertebrat n Sulfide (I Rhizosph e of Reduc ron Reduc ck Surface xplain in R	Odor (C1) neres along ced Iron (C4 ction in Tille	4)		Secondary Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae Shallov	y Indica Marks (I ent Dep eposits (ge Patte ason W uck Sur h Burro tion Visi v Aquita	ettors (2 de B1) (Rivosits (B2) (B3) (Rivors (B1) deter Table (C7) ws (C8) ble on A ard (D3)	or mor erine) 2) (Rive verine) 0) ble (C2) 7)	e requerine)
Sandy GI Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sediment Drift Depte Surface S Inundatio Water-St Field Observa	ayer (if present): aes): b hydric soil indicate cators (minimum of water (A1) arter Table (A2) on (A3) arks (B1) (Nonriv at Deposits (B2) (Nonriv Soil Cracks (B6) on Visible on Aeria tained Leaves (B3) artions: ar Present?	erine) Nonriverine) verine) al Imagery (B	ed; check all	Salt Crue Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) ust (B12) Invertebrat n Sulfide (I Rhizosph e of Reduc ron Reduc ck Surface xplain in R	Odor (C1) neres along ced Iron (C4 ction in Tille	4)		Secondary Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae Shallov	y Indica Marks (I ent Dep eposits (ge Patte ason W uck Sur h Burro tion Visi v Aquita	ettors (2 de B1) (Rivosits (B2) (B3) (Rivors (B1) deter Table (C7) ws (C8) ble on A ard (D3)	or mor erine) 2) (Rive verine) 0) ble (C2) 7)	e requerine)
Sandy GI Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Water Saturatio Water Ma Sedimen Drift Depo Surface S Inundatio Water-St Field Observa Surface Water Vater Table F	ayer (if present): aes): b hydric soil indicate cators (minimum of water (A1) ater Table (A2) on (A3) larks (B1) (Nonriv at Deposits (B2) (Nonriv Soil Cracks (B6) on Visible on Aeriatained Leaves (B5) artions: ar Present? Present?	rs: erine) Nonriverine) verine) al Imagery (B	ed; check all	Salt Crue Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) ust (B12) Invertebrat n Sulfide (I Rhizosph e of Reduc ron Reduc ck Surface xplain in R	Odor (C1) neres along ced Iron (C4 ction in Tille	t) d Soils (C	ots (C3)	Secondary Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae Shallov FAC-N	y Indica Marks (I ent Dep eposits (ge Patte ason W uck Sur h Burro tion Visi v Aquita eutral T	ettors (2 de B1) (Rivosits (B2) (B3) (Riverns (B1) deter Table (C7) ws (C8) ble on A ard (D3) dest (D5)	or mor erine) 2) (Rive verine) 0) ble (C2) 7)	e requerine)
Sandy Gl Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sediment Drift Depte Surface S Inundatio Water-St Field Observate Surface Water	ayer (if present): aes): b hydric soil indicate cators (minimum of water (A1) ater Table (A2) on (A3) arks (B1) (Nonriv at Deposits (B2) (Nonriv Soil Cracks (B6) on Visible on Aeria tained Leaves (B5) art Present? Present? Present?	erine) Nonriverine) verine) al Imagery (B	ed; check all	Salt Crue Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) ust (B12) Invertebrat n Sulfide (I Rhizosph e of Reduc ron Reduc ck Surface xplain in R	Odor (C1) neres along ced Iron (C4 ction in Tille	t) d Soils (C		Secondary Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae Shallov FAC-N	y Indica Marks (I ent Dep eposits (ge Patte ason W uck Sur h Burro tion Visi v Aquita eutral T	ettors (2 de B1) (Rivosits (B2) (B3) (Rivors (B1) deter Table (C7) ws (C8) ble on A ard (D3)	or mor erine) 2) (Rive verine) 0) ble (C2) 7)	e requerine)

Project/Site: Southwest Village Specific Plan Project		City/Cou	inty: San Dieg	0	Sampling Date	: 6/27/23
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point	t: 386-UPL
Investigator(s): Andrew Smisek		Section	n, Township, R	Range: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local re	elief (concave	, convex, none): none	Slo	ppe (%): <u>0</u>
Subregion (LRR): C	Lat:	32.55594		Long: -117.01866	Datu	ım: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classificati	ion: none	
Are climatic / hydrologic conditions on the site typical for	or this time of	year? Yes	s <u>x</u> No	o(If no, explain ir	n Remarks.)	
Are Vegetationx,Soilx,or Hydrology _	signif	icantly distur	bed?	Are "Normal Circumstanc	es" present? Yes	s x No
Are Vegetation, Soil, or Hydrology _	natur	ally problema	atic?	(If needed, explain any ar	nswers in Remark	cs.)
SUMMARY OF FINDINGS – Attach site map s	howing sa	mpling po	int location	s, transects, importar	nt features, etc	>.
Hydrophytic Vegetation Present? Yes x	No			_		
Hydric Soil Present? Yes	No x		the Sampled thin a Wetlan	Yes	No >	x
Wetland Hydrology Present? Yes	No x		uiiii a vveuaii	u:		
Remarks: Paired sample point with feature #386 VEGETATION – Use scientific names of plant	s.					
	Absolute	Dominant	Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size:) 1.	% Cover	Species?	Status	Number of Dominant S That Are OBL, FACW,		1 (A)
2.				Total Number of Domir Species Across All Stra	nant	
3.		-		Percent of Dominant S		(B)
Sapling/Shrub Stratum (Plot size:)		= Total Cov	/er	That Are OBL, FACW,		100 (A/B)
				Prevalence Index wor	·ksheet·	
2.	-	-		Total % Cover of:		iply by:
3.	·			OBL species		
4.	·	-		FACW species		
5.				FAC species		
		= Total Cov	/er	FACU species		
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Festuca perennis	80	Υ	FAC	Column Totals:	(A)	(B)
2. Mesembryanthemum nodiflorum	10	N	FACU	Prevalence Inde	ex = B/A =	
3. Logfia gallica	1	N	UPL			
4. Salsola tragus	1	N	FACU	Hydrophytic Vegetation	on Indicators:	
5				x_ Dominance Test		
6.	·			Prevalence Index		
7. 8.	- <u></u>			Morphological Addata in Rema	daptations¹ (Prov rks or on a separ	11 0
Woody Vine Stratum (Plot size:)	92	= Total Co	over	Problematic Hyd	rophytic Vegetati	on¹ (Explain)
1 2.				¹ Indicators of hydric so be present, unless dis		
2	92	= Total Cov	 /er	Hydrophytic		
% Bare Ground in Herb Stratum 8 % Co	over of Biotic			Vegetation	′es x N	lo
Remarks: The sample area supports a predominance	of hydrophyt	ic vegetation	n.			

SOIL Sampling Point: 386-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	dox Featu	res		_		,		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu	re	Rem	arks	
0-3	10YR 5/4	100					sand				
4-18	10YR 4/3	100					sandy cla	<u> </u>			
					 •						
	·										
	· ·	·			 •						
	· ·										
						2					
	oncentration, D=Depletion	<u> </u>				S. ²		<u> </u>	RC=Root Channe		
-	I Indicators: (Application	able to all LKN							lematic Hydri	ic Solis":	
Histoso	` '			Redox (S5)				m Muck (A9)			
	Epipedon (A2) Histic (A3)			Matrix (So Mucky Min	,			n Muck (A10 duced Vertic			
	jen Sulfide (A4)			Sleyed Ma				d Parent Mat			
	ed Layers (A5) (LRR (3)		d Matrix (F	. ,			er (Explain i	, ,		
	luck (A9) (LRR D)	-,		ark Surfa	,			or (Explain)	ir remains)		
	ed Below Dark Surfac	e (A11)		d Dark Sur	` ,						
	Dark Surface (A12)	- ()		epression			3Indicate	ors of hydror	ohytic vegetation	on and	
	Mucky Mineral (S1)			ools (F9)	` ,				gy must be pre		
Sandy	Gleyed Matrix (S4)						unle	ss disturbed	or problemation	C.	
Restrictive	Layer (if present):										
Type:	, , ,										
Depth (inc	ches):		-				Hydric Soil	Present?	Yes	No	x
Domorko: N	No hydric soil indicator	ra abaan ad	-				,				
Nemarks. 1	NO HYUNG SON MUICALON	s observed.									
HYDROLO											
	ydrology Indicators:						3		Indicators (2		<u>uired)</u>
Primary Inc	dicators (minimum of o	one required; ch	neck all that appl	y)				Water M	arks (B1) (Riv	erine)	
Surfac	e Water (A1)		Salt Crus	t (B11)			_	Sedimer	nt Deposits (B2	2) (Riverine))
High W	/ater Table (A2)		Biotic Cru	ıst (B12)			_	Drift Dep	osits (B3) (Riv	verine)	
Satura	tion (A3)		Aquatic Ir	nvertebrate	es (B13)		_	Drainage	e Patterns (B1	0)	
Water	Marks (B1) (Nonriver	ine)	Hydroger	n Sulfide O	dor (C1)		_	Dry-Sea	son Water Tab	ole (C2)	
Sedime	ent Deposits (B2) (No	nriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	Thin Mu	ck Surface (C7	')	
Drift De	eposits (B3) (Nonrive	rine)	Presence	of Reduc	ed Iron (C4	1)	_	Crayfish	Burrows (C8)		
Surfac	e Soil Cracks (B6)		Recent Ir	on Reduct	ion in Tille	d Soils (Ce	6)	Saturation	on Visible on A	erial Imagei	y (C9)
Inunda	tion Visible on Aerial I	magery (B7)	Thin Muc	k Surface	(C7)		_	Shallow	Aquitard (D3)		
Water-	Stained Leaves (B9)		Other (Ex	plain in Re	emarks)		_	FAC-Ne	utral Test (D5)		
Field Obse	rvations:										
		es No	Depth (inc	hes):							
Water Table		es No				_					
Saturation F			Depth (inc			— Wetla	nd Hydrold	ogy Present	? Yes	No	Х
	pillary fringe)					_					
Describe Re	corded Data (stream o	gauge, monitori	ng well, aerial ph	otos, prev	ious inspe	ctions), if a	available:				
Domosics: N	o wotlond budl	adioatara = -	wod								
remarks: N	o wetland hydrology ir	iuicalors obser	veu.								

Project/Site: Southwest Village Specific Plan Project		City/County	r: San Dieg	0	Sampling Date	5/4/23
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point	:: 389-UPL
Investigator(s): Andrew Smisek		Section, T	ownship, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local relie	ef (concave,	convex, none): none	Slo	pe (%): <u>0</u>
Subregion (LRR): C	Lat: 3	32.55559		Long: -117.01888	Datu	ım: <u>NAD83</u>
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classificat	ion: none	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes _	X No	(If no, explain i	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	cantly disturbe	d? /	Are "Normal Circumstand	es" present? Yes	s <u>X</u> No
Are Vegetation, Soil, or Hydrology	natura	ally problematio	? ((If needed, explain any ar	nswers in Remark	s.)
SUMMARY OF FINDINGS – Attach site map sh	lowing sa	mpling point	locations	s, transects, importa	nt features, etc	. .
Hydrophytic Vegetation Present? Yes X	No	1- 41-	011	A		
Hydric Soil Present? Yes	No X		Sampled <i>i</i> n a Wetland	Yes	No>	(
Wetland Hydrology Present? Yes	No X		ii a vvetiain	u:		
VEGETATION – Use scientific names of plants	S.					
Troe Stratum (Diet size:	Absolute	Dominant Species 2	Indicator Status	Dominance Test worl		
Tree Stratum (Plot size:) 1. none	% Cover	Species?	Status	Number of Dominant S That Are OBL, FACW,		2 (A)
2.				Total Number of Domir		<u>Z</u> (A)
3				Species Across All Stra		2 (B)
4.				Percent of Dominant S	pecies	. ,
		= Total Cover		That Are OBL, FACW,	or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. none				Prevalence Index wor	rksheet:	
2				Total % Cover of:		ply by:
3				OBL species		
4				FACW species		
5				FAC species		
		= Total Cover		FACU species		
Herb Stratum (Plot size:)			=	UPL species		
1. Deinandra fasciculata	1		FACU	Column Totals:	(A)	(B)
2. Hordeum marinum	25	Y	FAC	Prevalence Ind	ex = B/A =	
Festuca perennis Mesembryanthemum nodiflorum	25		FAC	I budaa a buda Wa watati	lan landiantana	
Mesembryanthemum nodiflorum Logfia gallica	1	N	FACU UPL	Hydrophytic Vegetati		
6. Hypochaeris glabra	1		FACU	X Dominance Test Prevalence Inde		
7. Acmispon hermanii	1		UPL		x is ≤3.0 daptations¹ (Prov	ido cupportina
8. Erodium botrys	1		FACU		arks or on a separ	
o. <u>Liodiani botiyo</u>	57	= Total Cove			Irophytic Vegetati	,
Woody Vine Stratum (Plot size:)		. o.a. ooro		i iobicinatic riyo	nopriyue vegetati	on (Explain)
1. none				¹ Indicators of hydric s	oil and wetland h	vdrology must
2.				be present, unless dis		
	57	= Total Cover		Hydrophytic		
% Bare Ground in Herb Stratum 43 % Co	ver of Biotic			Vegetation	res X N	lo
Remarks: The sample area supports a predominance of	of hydrophyt	ic vegetation.		•		

SOIL Sampling Point: 389-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Featu	ıres		_			
(inches)	Color (moist)	<u>%</u> (Color (moist)	%	Type ¹	Loc ²	Texture		Remarks	
0-18	10YR 4/3	100					sandy clay	no redox		
					· —— ·					
							_			
							_			
							-			
		·								
				,						
-	-				· ——					
	ncentration, D=Depletion					S. ²		re Lining, RC=Root		
Hydric Soi	I Indicators: (Applic	able to all LRR	s, unless other	wise note	ed.)		Indicators	for Problematic	Hydric Soils ³	•
Histoso	l (A1)		Sandy F	Redox (S5))		1 cm l	Muck (A9) (LRR C)	
Histic E	pipedon (A2)		Stripped	l Matrix (S	6)		2 cm l	Muck (A10) (LRR	B)	
Black H	listic (A3)		Loamy I	Mucky Min	eral (F1)		Reduc	ed Vertic (F18)		
Hydrog	en Sulfide (A4)		Loamy (Gleyed Ma	ıtrix (F2)		Red P	arent Material (TF	2)	
Stratifie	ed Layers (A5) (LRR	C)	Deplete	d Matrix (F	- 3)		Other	(Explain in Remar	ks)	
	uck (A9) (LRR D)		Redox [Dark Surfa	ce (F6)					
	ed Below Dark Surfac	e (A11)	Deplete	d Dark Su	rface (F7)					
	ark Surface (A12)			Depression	ns (F8)			of hydrophytic ve	-	
	Mucky Mineral (S1)		Vernal F	Pools (F9)			wetlan	d hydrology must l	oe present,	
Sandy	Gleyed Matrix (S4)						unless	disturbed or probl	ematic.	
Restrictive	Layer (if present):									
Type:	, ,									
Depth (inc	hes).						Hydric Soil Pi	resent? Yes	No	X
Ворит (пте							riyano con ri	COCITE: 100		
Remarks. IV	lo hydric soil indicato	is observed.								
HYDROLO	GY									
	ydrology Indicators	•					Sa	condary Indicato	rs (2 or more	required)
	licators (minimum of		ack all that anni	v)			<u>50</u>	Water Marks (B1		requirea _j
		one required, or						_		· \
	e Water (A1)		Salt Crus					Sediment Depos		ine)
	ater Table (A2)		Biotic Cru				_	Drift Deposits (B		
	tion (A3)			nvertebrat	` ,			Drainage Pattern	` '	
Water I	Marks (B1) (Nonrive	rine)	Hydroger	n Sulfide C	Odor (C1)		_	Dry-Season Wat	er Table (C2)	
Sedime	ent Deposits (B2) (No	onriverine)	Oxidized	Rhizosphe	eres along	Living Ro	ots (C3)	Thin Muck Surface	ce (C7)	
Drift De	eposits (B3) (Nonrive	erine)	Presence	of Reduc	ed Iron (C4	1)		Crayfish Burrows	(C8)	
Surface	e Soil Cracks (B6)		Recent Ir	on Reduct	tion in Tille	d Soils (C	6)	Saturation Visible	e on Aerial Ima	gery (C9)
Inundat	tion Visible on Aerial	Imagery (B7)	Thin Muc	k Surface	(C7)			Shallow Aquitard	(D3)	
	Stained Leaves (B9)	3 , ()		oplain in R	` '			FAC-Neutral Tes		
	. ,			T					- ()	
Field Obser			5							
		/es No	· `			_				
Water Table		res No	Depth (inc			_				
Saturation F		res No	Depth (inc	hes):		Wetla	and Hydrology	y Present? Ye	esNo	X
	pillary fringe)									
Describe Red	corded Data (stream	gauge, monitorii	ng well, aerial ph	notos, prev	ious inspe	ctions), if	available:			
Domorko: N	a watland budgalas:	ndicators share	und.							
nemarks. No	o wetland hydrology	nuicators observ	veu.							

Project/Site: Southwest Village Specific	c Plan Project		Ci	ty/Coun	ty: San Dieg	0	Samp	oling Date: 5	/4/23
Applicant/Owner: Tri Point Homes						State: C	A Samp	oling Point: 3	90-UPL
Investigator(s): Andrew Smisek			5	Section,	Township, R	Range: Section 31, T	18S R01W		
Landform (hillslope, terrace, etc.): mesa	a		L	ocal reli	ief (concave	, convex, none): none	Э	Slope	(%): 0
Subregion (LRR): C		Lat:				Long: -117.01890		Datum:	NAD83
Soil Map Unit Name: Huerhuero loam,							fication: no	ne	
Are climatic / hydrologic conditions on t	he site typical fo	or this time o	of year?	? Yes	x No	o (If no, expl	ain in Rema	ırks.)	
Are Vegetation , Soil ,					·	Are "Normal Circums			x No
Are Vegetation , Soil ,	_					(If needed, explain ar	ny answers i	in Remarks.)	
SUMMARY OF FINDINGS – Attac	ch site map s	howing sa	amplir	ng poir	nt location	s, transects, impo	rtant feat	ures, etc.	
Hydrophytic Vegetation Present?	Yes	No X		lo the	a Commind	Araa			
Hydric Soil Present?	Yes				e Sampled in a Wetlan	Yes	S	No x	_
Wetland Hydrology Present?	Yes	No x		******	iii a wellan	u .			
VEGETATION – Use scientific na	ames of plant	t s. Absolute	Don	ninant	Indicator	Dominance Test v	workshoot:		
Tree Stratum (Plot size:1.		% Cover	Spe	cies?	Status	Number of Domina That Are OBL, FAC	ant Species		(A)
2.						Total Number of D	ominant		
3. 4.						Percent of Domina That Are OBL, FAC	nt Species		(B) (A/B)
Sapling/Shrub Stratum (Plot size:)		_ = To	tal Cove	r	matric obe, irre	3W, 011710	•	(,,,,)
1						Prevalence Index	worksheet	::	
2						Total % Cover	of:	Multiply	
3						OBL species		x 1 =	
4						FACW species		x 2 =	
5								x 3 =	
Hade Otractions (Platesia	`		= To	tal Cove	r			x 4 =	
Herb Stratum (Plot size:)					UPL species		x 5 =	
1. missing			-			Column Totals:		(A)	(B)
3.						Prevalence	Index = B/A	\ =	
4						Hydrophytic Vege	etation Indi	cators:	
5		_				Dominance	Test is >50%	%	
6		_				Prevalence I	Index is ≤3.0	O ¹	
7. 8.								ons¹ (Provide on a separate	
Woody Vine Stratum (Plot size:)	-	= To	otal Cov	er	Problematic	Hydrophytic	c Vegetation ¹	(Explain)
1.						¹ Indicators of hyden			
2			= To	tal Cove	er	Hydrophytic		•	
% Bare Ground in Herb Stratum	% C	over of Bioti	c Crust	t		Vegetation Present?	Yes	No_	X
Remarks: this area lacks vegetatoin co	over								

SOIL Sampling Point: 390-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches) Color (moist) % Type¹ Loc² Texture 0-2 7.5YR 4/3 100 sand 3-18 7.5YR 4/4 100 sandy clay	Remarks
3-18 7.5YR 4/4 100 sandy clay	
¹ Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ² Location: PL=Pore Lining, RC=Root Council Sand Grains.	Channel, M=Matrix.
Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic	Hydric Soils ³ :
Histosol (A1) Sandy Redox (S5) 1 cm Muck (A9) (LRR C))
Histic Epipedon (A2) Stripped Matrix (S6) 2 cm Muck (A10) (LRR E	3)
Black Histic (A3) Loamy Mucky Mineral (F1) Reduced Vertic (F18)	
Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Red Parent Material (TF2)	2)
Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Other (Explain in Remark	ks)
1 cm Muck (A9) (LRR D) Redox Dark Surface (F6)	
Depleted Below Dark Surface (A11) Depleted Dark Surface (F7)	
Thick Dark Surface (A12)Redox Depressions (F8) ³ Indicators of hydrophytic veg	getation and
Sandy Mucky Mineral (S1) Vernal Pools (F9) wetland hydrology must be	
Sandy Gleyed Matrix (S4) unless disturbed or problem	ematic.
Restrictive Layer (if present):	
Type:	
Depth (inches): Hydric Soil Present? Yes	No x
Remarks: No hydric soil indicators observed.	
Remarks: No hydric soil indicators observed.	
HYDROLOGY	
HYDROLOGY Wetland Hydrology Indicators: Secondary Indicator	rs (2 or more required)
HYDROLOGY	
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Water Marks (B1)	
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Secondary Indicators Secondary Indicators Water Marks (B1) Sediment Deposit Biotic Crust (B12) Drift Deposits (B3)	ts (B2) (Riverine) (Riverine)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) Sediment Deposit	ts (B2) (Riverine) (Riverine)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Secondary Indicators Secondary Indicators Water Marks (B1) Sediment Deposit Biotic Crust (B12) Drift Deposits (B3)	ts (B2) (Riverine) s) (Riverine) s (B10)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Metland Hydrology Indicators: Secondary Indicator Water Marks (B1) Sediment Deposit Biotic Crust (B12) Aquatic Invertebrates (B13) Drainage Patterns	(Riverine) ts (B2) (Riverine) (Riverine) s (B10) er Table (C2)
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Hydrogen Sulfide Odor (C1) Secondary Indicator Secondary Indicator Secondary Indicator Secondary Indicator Secondary Indicator Water Marks (B1) To prift Deposits (B3) Drainage Patterns Hydrogen Sulfide Odor (C1) Dry-Season Water	ts (B2) (Riverine) (Riverine) (Riverine) (Riverine) (Riverine) (Riverine) (Riverine) (Riverine) (Riverine) (Riverine) (Riverine) (Riverine)
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Project/Site: Southwest Village Specific Plan Project		City/County:	San Diego	0	_Sampling Date	5/4/23
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point	t: 392-UPL
Investigator(s): Andrew Smisek		Section, To	ownship, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local relief	(concave,	convex, none): none	Slo	pe (%): 0
Subregion (LRR): C	Lat:	32.55539		Long: <u>-117.01887</u>	Datu	ım: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classificati	on: none	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes _	x No	(If no, explain in	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signifi	cantly disturbed	l? /	Are "Normal Circumstance	es" present? Yes	s <u>x</u> No
Are Vegetation, Soil, or Hydrology	natura	ally problematic	? (If needed, explain any an	swers in Remark	(s.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling point	locations	s, transects, importan	nt features, etc).
Hydrophytic Vegetation Present? Yes x	No	latha	Cll	A		
Hydric Soil Present? Yes	No x		Sampled A	Yes	No>	<u>(</u>
Wetland Hydrology Present? Yes	No x	_	a Welland	4 :		
Remarks: Paired sample point for feature #392. VEGETATION – Use scientific names of plants	S.					
Torre Otractions (Distriction	Absolute		Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size:) 1.	% Cover	Species?	Status	Number of Dominant S		2 (4)
				That Are OBL, FACW,		2 (A)
2				Total Number of Domin Species Across All Stra		2 (B)
4.				Percent of Dominant Sp	oecies	(D)
		= Total Cover		That Are OBL, FACW,	or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1				Prevalence Index wor	ksheet:	
2				Total % Cover of:		iply by:
3				OBL species		
4				FACW species		
5				FAC species		
		= Total Cover		FACU species		
Herb Stratum (Plot size:)	00		E4.0	UPL species		(D)
1. Festuca perennis			FAC	Column Totals:	(A)	(B)
Salsola tragus Hordeum marinum	35		FACU	Prevalence Inde	ex = B/A =	
Mesembryanthemum nodiflorum	10		FACU	Hydrophytic Vogototic	an Indicators	
			FACO	x Dominance Test		
6			·	x Dominance Test Prevalence Index		
7. 8.				Morphological Ac		
Woody Vine Stratum (Plot size:)	66	= Total Cover		Problematic Hydi	·	,
1				¹ Indicators of hydric so be present, unless dist		
2	66	= Total Cover		Hydrophytic	. ,	
% Bare Ground in Herb Stratum 34 % Co	ver of Biotic	Crust		Vegetation Present?	es x N	lo
Remarks: The sample area supports a predominance of	of hydrophyt	ic vegetation.		1		

SOIL Sampling Point: 392-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches) 0-18	Color (moist) 10YR 4/3	%	Color (orko	
0-18	10YR 4/3		(moist)	%	Type ¹	Loc ²	Textur	<u>e</u>		Rem	aiks	
	10111 4/0	100						sandy cla	y no	redox			
					-								
					-								
								_					
					-			-					
T C. C	tti D. Dl-			0.0		1010	_ 2	Location: PL=	Dana Linina	DO D-	-4 01	-1 14 14	_4.4.
	centration, D=Deple						S.						
-	Indicators: (Appl	icable to all	LKKS, unit						ors for Pro		-	ic Soils	5".
Histosol (` '			_ ′	Redox (S5	,			n Muck (A	, ,	,		
	ipedon (A2)				d Matrix (S	,			n Muck (A		RB)		
Black His				_	Mucky Mir				luced Verti		>		
	n Sulfide (A4)			_	Gleyed Ma				Parent M	,	,		
	Layers (A5) (LRI	R C)		- '	ed Matrix (I	,		Oth	er (Explain	in Rem	narks)		
	ck (A9) (LRR D)			_	Dark Surfa	` '							
	Below Dark Surf	ace (A11)				ırface (F7)		2					
	rk Surface (A12)				Depressio				ors of hydr		_		
	lucky Mineral (S1)			_Vernal	Pools (F9)				and hydrol				
								unle	ss disturbe	ed or pro	oblemati	C.	
Sandy Mi Sandy Gl	leyed Matrix (54)												
Sandy Gl	.ayer (if present):												
Sandy Gl	. ,												
Sandy Gl Restrictive La Type: Depth (inche	ayer (if present)		d.					Hydric Soil	Present?	Ye	s	No	o <u>x</u>
Sandy Gl Restrictive La Type: Depth (inche Remarks: No	ayer (if present): nes): hydric soil indica	tors observed	d.										
Restrictive La Type: Depth (inche Remarks: No	ayer (if present): aes): hydric soil indica ayer (if present):	tors observed							Secondary	/ Indica	ntors (2	or mor	
Sandy Gl Restrictive La Type: Depth (inche Remarks: No	es): hes): hydric soil indicators (minimum cators (minimum cators):	tors observed	ed; check all						Secondary	/ Indica Marks (l	itors (2 (B1) (Riv	or mor	e requ
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Sandy Gl Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface N	es): hes): hydric soil indicators (minimum cators (minimum cators):	tors observed	ed; check all	Salt Cru					Secondar Water	/ Indica Marks (l	itors (2 (B1) (Riv	or mor erine)	e requ
Sandy Gl Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface N	ayer (if present): aes): b hydric soil indicate ary drology Indicate cators (minimum of Water (A1) ater Table (A2)	tors observed	ed; check all	Salt Cru Biotic Cr	st (B11)	tes (B13)			Secondary Water	/ Indica Marks (I ent Dep	ators (2 d	or mor erine) 2) (Rive	e requ
Sandy GI Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface N High Wat Saturatio	ayer (if present): aes): b hydric soil indicate ary drology Indicate cators (minimum of Water (A1) ater Table (A2)	tors observed	ed; check all	Salt Crus Biotic Cr Aquatic	st (B11) ust (B12)	` ,			Secondary Water Sedime Drift De	/ Indica Marks (I ent Dep eposits (ge Patte	ntors (2 (B1) (Rivosits (B2) (B3) (Rivosits (B2) (Rivosits (B3) (R	or more erine) 2) (Rive verine)	e requ
Sandy GI Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma	ayer (if present): aes): b hydric soil indicate arrow (minimum of water (A1) ater Table (A2) on (A3)	tors observed	ed; check all	Salt Crus Biotic Cr Aquatic Hydroge	st (B11) ust (B12) Invertebrat n Sulfide (` ,	Living Ro	<u>\$</u>	Secondary Water Sedime Drift De	/ Indica Marks (I ent Dep eposits (ge Patte ason W	ntors (2 d B1) (Riv osits (B2 (B3) (Riv erns (B1	or morerine) (Riverine) (O) (O) (O)	e requ
Sandy Gl Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sedimen	ayer (if present): aes): b hydric soil indicate cators (minimum of Water (A1) ater Table (A2) on (A3) arks (B1) (Nonriv	rs: of one require erine) Nonriverine)	ed; check all	Salt Crus Biotic Cr Aquatic Hydroge Oxidized	st (B11) ust (B12) Invertebrat n Sulfide (I Rhizosph	Odor (C1)	-	<u>\$</u>	Secondary Water Sedime Drift De Draina	/ Indica Marks (I ent Dep eposits (ge Patte ason W uck Sur	etors (2 de B1) (Rivosits (B2) (Rivosits (B1) (Rivosits (B1) de rens (or morerine) (Riverine) (O) (O) (O)	e requ
Sandy GI Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sedimen Drift Depo	ayer (if present): aes): by hydric soil indicators (minimum of water (A1) arks (B1) (Nonrivat Deposits (B2) (Nonrivat Deposits (B3) (Nonrivat Deposi	rs: of one require erine) Nonriverine)	ed; check all	Salt Crus Biotic Cr Aquatic Hydroge Oxidized Presenc	st (B11) ust (B12) Invertebrat in Sulfide (I Rhizosph e of Reduc	Odor (C1) neres along ced Iron (C4	4)		Secondar Water Sedime Drift De Draina Dry-Se Thin M	/ Indica Marks (I ent Depe eposits (ge Patte ason W uck Sur h Burro	ettors (2 d B1) (Riv osits (B2 (B3) (Riv erns (B1) /ater Tak face (C7 ws (C8)	or mor erine) (Rive verine) (0) (C2)	e requerine)
Sandy Gl Restrictive La Type: Depth (inche Remarks: No IYDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sedimen Drift Depo	ayer (if present): aes): b hydric soil indicate cators (minimum of Water (A1) arter Table (A2) br (A3) arks (B1) (Nonriv attors (B3) (Nonriv Soil Cracks (B6)	rs: of one require erine) Nonriverine)	ed; check all	Salt Crus Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I	st (B11) ust (B12) Invertebrat n Sulfide (I Rhizosph e of Reduc	Odor (C1) neres along ced Iron (C4 ction in Tille	4)		Secondar Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae	/ Indica Marks (I ent Dep eposits (ge Patte ason W uck Sur h Burro tion Visi	ettors (2 d B1) (Rivosits (B2) (B3) (Rivorns (B1) derns (B1) dater Table face (C7) ws (C8) ble on A	or mor erine) (Rive verine) (0) (C2)	e requerine)
Sandy GI Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sedimen Drift Depo	ayer (if present): aes): b hydric soil indicate cators (minimum of Water (A1) ater Table (A2) on (A3) larks (B1) (Nonriv at Deposits (B2) (Nonriv Soil Cracks (B6) on Visible on Aeric	rs: of one require erine) Nonriverine) verine)	ed; check all	Salt Crus Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mus	st (B11) ust (B12) Invertebrat n Sulfide (I Rhizosph e of Reduct ron Reduct ck Surface	Odor (C1) neres along ced Iron (C4 ction in Tille	4)		Secondary Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae Shallov	y Indica Marks (I ent Dep eposits (ge Patte ason W uck Sur h Burro tion Visi v Aquita	ettors (2 de B1) (Rivosits (B2) (B3) (Rivors (B1) deter Table (C7) ws (C8) ble on A ard (D3)	or mor erine) 2) (Rive verine) 0) ble (C2) 7)	e requerine)
Sandy Gl Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sediment Drift Dept Surface S Inundatio Water-St	ayer (if present): aes): b hydric soil indicate cators (minimum of the cators (Manimum of the cators (B2) (Inter Table (A2) on (A3) arks (B1) (Nonrivent Deposits (B2) (Inter Table (B2) (Inter Table (B3) (Nonrivent Deposits (B3) (Nonrivent Depos	rs: of one require erine) Nonriverine) verine)	ed; check all	Salt Crus Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mus	st (B11) ust (B12) Invertebrat n Sulfide (I Rhizosph e of Reduc	Odor (C1) neres along ced Iron (C4 ction in Tille	4)		Secondary Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae Shallov	y Indica Marks (I ent Dep eposits (ge Patte ason W uck Sur h Burro tion Visi v Aquita	ettors (2 d B1) (Rivosits (B2) (B3) (Rivorns (B1) derns (B1) dater Table face (C7) ws (C8) ble on A	or mor erine) 2) (Rive verine) 0) ble (C2) 7)	e requerine)
Sandy GI Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sediment Drift Dept Surface S Inundatio Water-St	ayer (if present): aes): b hydric soil indicate cators (minimum of the cators (Manimum of the cators (B2) (Inter Table (A2) on (A3) arks (B1) (Nonrivent Deposits (B2) (Inter Table (B3) (Nonrivent Deposits (B3) (Nonriven	tors observed rs: of one require erine) Nonriverine) verine) al Imagery (B	ed; check all	Salt Crue Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) ust (B12) Invertebrat n Sulfide (I Rhizosph e of Reduc ron Reduc ck Surface xplain in R	Odor (C1) neres along ced Iron (C4 ction in Tille	4)		Secondary Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae Shallov	y Indica Marks (I ent Dep eposits (ge Patte ason W uck Sur h Burro tion Visi v Aquita	ettors (2 de B1) (Rivosits (B2) (B3) (Rivors (B1) deter Table (C7) ws (C8) ble on A ard (D3)	or mor erine) 2) (Rive verine) 0) ble (C2) 7)	e requerine)
Sandy GI Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sediment Drift Depte Surface S Inundatio Water-St Field Observa	ayer (if present): aes): b hydric soil indicate cators (minimum of water (A1) arter Table (A2) on (A3) arks (B1) (Nonriv at Deposits (B2) (Nonriv Soil Cracks (B6) on Visible on Aeria tained Leaves (B3) artions: ar Present?	erine) Nonriverine) verine) al Imagery (B	ed; check all	Salt Crue Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) ust (B12) Invertebrat n Sulfide (I Rhizosph e of Reduc ron Reduc ck Surface xplain in R	Odor (C1) neres along ced Iron (C4 ction in Tille	4)		Secondary Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae Shallov	y Indica Marks (I ent Dep eposits (ge Patte ason W uck Sur h Burro tion Visi v Aquita	ettors (2 de B1) (Rivosits (B2) (B3) (Rivors (B1) deter Table (C7) ws (C8) ble on A ard (D3)	or mor erine) 2) (Rive verine) 0) ble (C2) 7)	e requerine)
Sandy GI Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Water Saturatio Water Ma Sedimen Drift Depo Surface S Inundatio Water-St Field Observa Surface Water Vater Table F	ayer (if present): aes): b hydric soil indicate cators (minimum of water (A1) ater Table (A2) on (A3) larks (B1) (Nonriv at Deposits (B2) (Nonriv Soil Cracks (B6) on Visible on Aeriatained Leaves (B5) artions: ar Present? Present?	rs: erine) Nonriverine) verine) al Imagery (B	ed; check all	Salt Crue Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) ust (B12) Invertebrat n Sulfide (I Rhizosph e of Reduc ron Reduc ck Surface xplain in R	Odor (C1) neres along ced Iron (C4 ction in Tille	t) d Soils (C	ots (C3)	Secondary Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae Shallov FAC-N	y Indica Marks (I ent Dep eposits (ge Patte ason W uck Sur h Burro tion Visi v Aquita eutral T	ettors (2 de B1) (Rivosits (B2) (B3) (Riverns (B1) deter Table (C7) ws (C8) ble on A ard (D3) dest (D5)	or mor erine) 2) (Rive verine) 0) ble (C2) 7)	e requerine)
Sandy Gl Restrictive La Type: Depth (inche Remarks: No YDROLOG Wetland Hyd Primary Indic Surface V High Wat Saturatio Water Ma Sediment Drift Depte Surface S Inundatio Water-St Field Observate Surface Water	ayer (if present): aes): b hydric soil indicate cators (minimum of water (A1) ater Table (A2) on (A3) arks (B1) (Nonriv at Deposits (B2) (Nonriv Soil Cracks (B6) on Visible on Aeria tained Leaves (B5) art Present? Present? Present?	erine) Nonriverine) verine) al Imagery (B	ed; check all	Salt Crue Biotic Cr Aquatic Hydroge Oxidized Presenc Recent I Thin Mu Other (E	st (B11) ust (B12) Invertebrat n Sulfide (I Rhizosph e of Reduc ron Reduc ck Surface xplain in R	Odor (C1) neres along ced Iron (C4 ction in Tille	t) d Soils (C		Secondary Water Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturae Shallov FAC-N	y Indica Marks (I ent Dep eposits (ge Patte ason W uck Sur h Burro tion Visi v Aquita eutral T	ettors (2 de B1) (Rivosits (B2) (B3) (Rivors (B1) deter Table (C7) ws (C8) ble on A ard (D3)	or mor erine) 2) (Rive verine) 0) ble (C2) 7)	e requerine)

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	0	_Sampling Date:	5/4/23
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point:	393-UPL
Investigator(s): Andrew Smisek, Chelsea Polevy		Section,	Township, R	tange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local re	lief (concave,	, convex, none): none	Slop	oe (%): 0
Subregion (LRR): C	Lat:	32.55528		Long: -117.01885	Datur	m: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classificati	on: none	
Are climatic / hydrologic conditions on the site typical for	r this time of	f year? Yes	x No	o(If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrology _	signif	icantly disturb	ed?	Are "Normal Circumstance	es" present? Yes	xNo
Are Vegetation, Soil, or Hydrology _	natur	ally problema	tic?	(If needed, explain any an	swers in Remark	s.)
SUMMARY OF FINDINGS – Attach site map s	howing sa	mpling poi	nt location	s, transects, importar	nt features, etc.	•
Hydrophytic Vegetation Present? Yes x	No	1- 4	011	A		
Hydric Soil Present? Yes			he Sampled hin a Wetlan	Yes	No x	
Wetland Hydrology Present? Yes	No x	_	iii a wadaii	u.		
VEGETATION – Use scientific names of plant						
<u>Tree Stratum</u> (Plot size:) 1.	Absolute % Cover	Dominant Species?	Indicator Status	Number of Dominant S That Are OBL, FACW,	pecies	2 (A)
2				Total Number of Domin Species Across All Stra	ant	2 (A)
4.				Percent of Dominant Sp		(B)
T		= Total Cove	er	That Are OBL, FACW,	or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1.				Prevalence Index wor	ksheet:	
2.				Total % Cover of:	Multip	oly by:
3	· ·			OBL species	x 1 =	
4				FACW species	x 2 =	
5				FAC species	x 3 =	
11 1 0; ; ; (D) ; ;		= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:)	45	V	FAC	UPL species Column Totals:	x 5 =	
Festuca perennis Hordeum marinum	45 20	Y	FAC FAC	Column Totals.	(A)	(B)
3. Avena sp	15	N	UPL	Prevalence Inde	ex = B/A =	
Bromus diandrus	15	N	FACU	Hydrophytic Vegetation	on Indicators:	
5.				Dominance Test		
6.	. ———			Prevalence Index		
7.		<u> </u>		Morphological Ad	daptations¹ (Provi	de supporting
8.	· 				rks or on a separa	
	95	= Total Cov	/er	Problematic Hyd	rophytic Vegetatio	on¹ (Explain)
Woody Vine Stratum (Plot size:)						
1 2.				¹ Indicators of hydric so be present, unless dis		
	95	= Total Cove	er	Hydrophytic		
% Bare Ground in Herb Stratum % Co	over of Biotic	: Crust		Vegetation	es <u>x</u> No	0
Remarks: The sample area supports a predominance	of hydrophyt	tic vegetation.		1		

SOIL Sampling Point: 393-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Featur	res		_				
(inches)	Color (moist)	%	Color (moist)	<u>%</u>	Type ¹	Loc ²	Textu	re	F	temarks	
0-18	10YR 4/2	100					loamy sai	nd no	redox		
							_				
		· <u></u>									
		·					_				
							_				
¹ Type: C=Co	ncentration, D=Depletio	n RM=Reduced	Matrix CS=Covere	d or Coated	Sand Grains	s ²	l ocation: PI =	Pore Linin	g, RC=Root Ch	annel M=M:	atrix
	Indicators: (Applic								oblematic H		
Histoso		abio to all Eli		Redox (S5)					A9) (LRR C)	, u. 10 00110	, .
	pipedon (A2)			Matrix (S6				•	A10) (LRR B)		
	listic (A3)			Mucky Mine	,			duced Ve			
	en Sulfide (A4)			Gleyed Mat					лаterial (TF2)		
	d Layers (A5) (LRR	C)		d Matrix (F:	, ,				in in Remarks		
	uck (A9) (LRR D)	-,		Dark Surfac	,			o. (=,,p.a		·)	
	d Below Dark Surface	e (A11)		d Dark Surf	` '						
	ark Surface (A12)	,		Depression			3Indicate	ors of hyd	rophytic vege	tation and	
	Mucky Mineral (S1)		Vernal F	Pools (F9)	` ,		wetla	and hydro	ology must be	present,	
	Gleyed Matrix (S4)			,				-	ed or probler		
Postrictivo	Layer (if present):										
Type:	Layer (ii present).										
	hoo).		_				Lludria Cail	Dragant) Voo	NI.	,
Depth (inc	nes).						Hydric Soil	Present	Yes _	No	<u> </u>
HYDROLO	GY										
Wetland Hy	drology Indicators	:					;	Seconda	ry Indicators	(2 or more	e required)
Primary Ind	icators (minimum of	one required;	check all that appl	y)				Water	Marks (B1) (Riverine)	
Surface	Water (A1)		Salt Crus	st (B11)				Sedin	nent Deposits	(B2) (Rive	rine)
— High W	ater Table (A2)		Biotic Cru	` '			_		Deposits (B3)	` ' '	,
	ion (A3)			nvertebrate	es (B13)		=		age Patterns		
	Marks (B1) (Nonrive	rine)		n Sulfide O	` ,		=		eason Water		
	ent Deposits (B2) (No	•		Rhizosphe		Livina Ro	ots (C3)		Muck Surface		
	eposits (B3) (Nonrive	,		of Reduce	·	•			sh Burrows (` '	
	Soil Cracks (B6)			on Reducti	•	,	6)		ation Visible o	•	agery (C9)
	tion Visible on Aerial	Imageny (B7)	· · · · · · · · · · · · · · · · · · ·	k Surface (0) 81100 1	_		ow Aquitard ([lagery (OO)
	Stained Leaves (B9)	illiagely (b7)		kplain in Re			-		Neutral Test (•	
vvaler-c	Stairieu Leaves (D9)		Other (E	Kpiaiii iii Ke	emarks)		-		Neutral Test (D3)	
Field Obser											
Surface Wat			o Depth (inc	· —		_					
Water Table		/es N				_					
Saturation P		esN	o Depth (inc	hes):		Wetla	and Hydrolo	ogy Pres	ent? Yes	No	X
	pillary fringe)	***************	المساورة المساورة		lava lasas	otions) '	ovojloki s				
Describe Rec	corded Data (stream	gauge, monito	ring well, aerial pr	iotos, previ	ious inspe	ctions), ii	avallable:				
Remarks: No	wetland hydrology i	ndicators obse	erved								
			• • • •								

Project/Site: Southwest Village Specific Plan Project	ct	City/Cour	nty: San Dieg	0	_Sampling Date:	: 6/27/23
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point	:: 396-UPL
Investigator(s): Andrew Smisek		Section,	Township, R	Range: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local re	lief (concave	, convex, none): none	Slo	pe (%): 0
Subregion (LRR): C	Lat:	32.54679		Long: -117.02272	Datu	ım: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9-30	% slopes			NWI classificati	on: none	
Are climatic / hydrologic conditions on the site typical	al for this time o	f year? Yes	x No	o(If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrolog	ysignif	icantly disturb	ped?	Are "Normal Circumstance	es" present? Yes	s <u>x</u> No
Are Vegetation, Soil, or Hydrolog	ynatur	ally problema	tic?	(If needed, explain any an	swers in Remark	(s.)
SUMMARY OF FINDINGS – Attach site map	p showing sa	mpling poi	nt location	s, transects, importar	nt features, etc	,
Hydrophytic Vegetation Present? Yes	x No			_		
Hydric Soil Present? Yes	No x		he Sampled hin a Wetlan	Yes	No x	(
Wetland Hydrology Present? Yes	No x		illi a Wellali	u:		
Remarks: Paired sample point for feature #396. VEGETATION – Use scientific names of pla	ants.					
Trac Charters (Dist since	Absolute	Dominant	Indicator	Dominance Test work	sheet:	
Tree Stratum (Plot size:) 1.	% Cover	Species?	Status	Number of Dominant S That Are OBL, FACW,		2 (A)
2.				Total Number of Domin		(A)
3.				Species Across All Stra		2 (B)
4.	 -			Percent of Dominant Sp	•	
		= Total Cove	er	That Are OBL, FACW,	or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:)					
1				Prevalence Index wor	ksheet:	
2				Total % Cover of:	Multi	iply by:
3				OBL species	x 1 =	
4				FACW species		
5				FAC species		
Harb Charters (Diet sine)		= Total Cove	er	FACU species		
Herb Stratum (Plot size:)	15	V	FAC	UPL species Column Totals:		(P)
Festuca perennis Deinandra fasciculata	<u>15</u> 2	Y N	FAC FACU	Column rotals.	(A)	(B)
Foeniculum vulgare		N	UPL	Prevalence Inde	ex = B/A =	
Rumex crispus		N	FAC	Hydrophytic Vegetation	on Indicators:	
5. Verbena menthifolia			FAC	x Dominance Test		
6. Centaurea melitensis	5	N	UPL	Prevalence Index		
7.				Morphological Ad		ide supportina
8.					rks or on a separ	
	47	= Total Cov	ver	Problematic Hyd	rophytic Vegetati	on¹ (Explain)
Woody Vine Stratum (Plot size:)					
1				¹ Indicators of hydric so		
2				be present, unless dis	turbed or problen	natic.
	47	= Total Cove	er	Hydrophytic		
% Bare Ground in Herb Stratum %	6 Cover of Biotic	Crust		Vegetation Present?	′es x N	lo
Remarks: The sample area supports a predominar		-				·=
Remarks. The sample area supports a predominar	ісе от пуагорпу	lic vegetation.				

SOIL Sampling Point: 396-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			Redox Featu	res		_				
(inches)	Color (moist)	%C	Color (moist)	%	Type ¹	Loc ²	Texture		Remark	S	
0-18	10YR 3/2	100					sandy loam				
								_			_
	-										
	-	· ——									
-		· 					-	_			—
	-										
	ncentration, D=Depletion					S. ²	Location: PL=Por				
Hydric Soil	Indicators: (Applic	able to all LRRs			d.)		Indicators	for Probler	matic Hydric S	Soils ³ :	
Histoso	` '			Redox (S5)				1uck (A9) (L	•		
	pipedon (A2)			ed Matrix (S6	,			1uck (A10) (
	listic (A3)			/ Mucky Mine				ed Vertic (F			
	en Sulfide (A4)			/ Gleyed Mat				arent Materi			
	d Layers (A5) (LRR (C)		ted Matrix (F	,		Other (Explain in F	Remarks)		
	uck (A9) (LRR D)			Dark Surfac	` '						
	d Below Dark Surfac	e (A11)		ted Dark Surf							
	ark Surface (A12)			Depression	s (F8)				tic vegetation		
	Mucky Mineral (S1)		Verna	Pools (F9)					must be prese	nt,	
Sandy (Gleyed Matrix (S4)						unless	disturbed or	problematic.		
Restrictive	Layer (if present):										
Type:											
Depth (inc	hes):						Hydric Soil Pre	esent?	Yes	No x	
Damania. N	lo hydric soil indicato						1				
HYDROLO	GY										
	ydrology Indicators	•					Sec	ondary Inc	licators (2 or i	more require	ed)
-	icators (minimum of		eck all that an	nlv)			·		s (B1) (Riveri		<u>/u/</u>
		one required, on									
	e Water (A1)			ust (B11)					eposits (B2) (I		
	ater Table (A2)			Crust (B12)	- (D40)				its (B3) (River	ne)	
	ion (A3)			Invertebrate	` '			_	atterns (B10)	(00)	
	Marks (B1) (Nonrive			en Sulfide O					Water Table	(C2)	
	ent Deposits (B2) (No			d Rhizosphe	_	-			Surface (C7)		
	eposits (B3) (Nonrive	erine)		ce of Reduce	`	,		Crayfish Bu			
	e Soil Cracks (B6)			Iron Reducti		d Soils (C			Visible on Aeria	al Imagery (C	;9)
	tion Visible on Aerial	Imagery (B7)		uck Surface (. ,			Shallow Aq	` ,		
Water-S	Stained Leaves (B9)		Other (Explain in Re	emarks)			FAC-Neutra	al Test (D5)		
Field Obser	vations:										
Surface Wat	ter Present?	'es No	Depth (ir	nches):							
Water Table		es No	Depth (ir	nches):		_					
Saturation P		es No				Wetla	and Hydrology	Present?	Yes	No x	
	pillary fringe)					_	,				_
Describe Rec	corded Data (stream	gauge, monitorin	g well, aerial	photos, previ	ous insped	ctions), if a	available:				
Remarks: No	wetland hydrology i	ndicators observ	ed.								

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	0	Sampling [Date: <u>5/8/23</u>	
Applicant/Owner: Tri Point Homes				State: CA	Sampling [Point: P1-UP	L
Investigator(s): Andrew Smisek		Section,	Township, R	Range: Section 31, T18S	R01W		
Landform (hillslope, terrace, etc.): mesa		Local rel	ief (concave	, convex, none): none		Slope (%):	0
Subregion (LRR): C	Lat:	32.55225		Long: <u>-117.01405</u>		Datum: NAD8	83
Soil Map Unit Name: Olivenhain cobbly loam, 30-50%	slopes			NWI classificat	ion: none		
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	x No	o(If no, explain i	n Remarks.)		
Are Vegetation, Soil, or Hydrology	signifi	icantly disturb	ed?	Are "Normal Circumstanc	es" present?	Yes x	No
Are Vegetation, Soil, or Hydrology	natura	ally problemat	ic?	(If needed, explain any ar	nswers in Rer	marks.)	
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poir	nt location	s, transects, importa	nt features	, etc.	
Hydrophytic Vegetation Present? Yes	No x	lo 4h	a Cammiad	A			
Hydric Soil Present? Yes	No x		ie Sampled in a Wetlan	Yes	No	X	
Wetland Hydrology Present? Yes	No x	_		- -			
Remarks: Paired sample point for feature #P1. VEGETATION – Use scientific names of plants	S.						
	Absolute	Dominant	Indicator	Dominance Test work	ksheet:		
<u>Tree Stratum</u> (Plot size:) 1.	% Cover	Species?	Status	Number of Dominant S That Are OBL, FACW,		1	(A)
2. 3.				Total Number of Domir Species Across All Stra		2	(B)
4.		= Total Cove		Percent of Dominant S That Are OBL, FACW,		50	(A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cove	:1				
1				Prevalence Index wor	rksheet:		
2.				Total % Cover of:		Multiply by:	
3.				OBL species 0) x 1 =	= 0	
4.				FACW species 0	x 2 =	= 0	
5.				FAC species 58	8 x 3 =	174	
		= Total Cove	r	FACU species0	<u> </u>		_
Herb Stratum (Plot size:)				UPL species 40			
1. Stipa pulchra	30	Y	UPL	Column Totals: 98	8 (A)	374	_(B)
2. Avena fatua	10	N	UPL	Prevalence Inde	ex = B/A = <u>3.8</u>	3	_
3. Festuca perennis	58	Y	FAC				
Dipterostemon capitatus Calochortus splendens		N	NI NI	Hydrophytic Vegetati		S:	
		N	NI	Dominance Test			
7.				Prevalence Inde	daptations1 (F		
8.	100	= Total Cov	er	data in Rema Problematic Hyd		·	,
Woody Vine Stratum (Plot size:)					, ,9	\ T	,
1				¹ Indicators of hydric se			must
2.				be present, unless dis	turbed or pro	blematic.	
	100	= Total Cove	r	Hydrophytic Vegetation			
	ver of Biotic				res	No_x	<u> </u>
Remarks: The sample area does not support a predom	iinance of hy	yarophytic veg	jetation.				

SOIL Sampling Point: P1-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		ŀ	Redox Featu	res		_			
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	Texture	_	Remarks	
0-18	10YR 3/2	100					sandy loam	no redox		
								_		
		·								
							_			
							-	_		
							_	_		
							-			
1						2		 		
	ncentration, D=Depletion					S. ²	Location: PL=Pore			
Hydric Soil	Indicators: (Applic	able to all LRR	s, unless oth	erwise note	d.)		Indicators f	or Problema	tic Hydric Sc	oils³:
Histoso	l (A1)		Sandy	Redox (S5)			1 cm Mi	uck (A9) (LRR	(C)	
Histic E	pipedon (A2)		Stripp	ed Matrix (S6	5)		2 cm Mi	uck (A10) (LR	RB)	
	istic (A3)			/ Mucky Mine				d Vertic (F18)		
Hydrog	en Sulfide (A4)		Loamy	Gleyed Mat	trix (F2)		Red Pa	rent Material (TF2)	
Stratifie	d Layers (A5) (LRR (C)	Deplet	ted Matrix (F	3)		Other (E	Explain in Ren	narks)	
1 cm M	uck (A9) (LRR D)		Redox	Dark Surfac	e (F6)					
Deplete	d Below Dark Surfac	e (A11)	Deple	ted Dark Sur	face (F7)					
Thick D	ark Surface (A12)		Redox	Depression	s (F8)		³ Indicators of	of hydrophytic	vegetation ar	nd
Sandy I	Mucky Mineral (S1)		Verna	Pools (F9)			wetland	hydrology mu	st be present	,
Sandy (Gleyed Matrix (S4)						unless d	isturbed or pro	oblematic.	
Restrictive	Layer (if present):									
Type:	_a, c. (p. ccc).									
Depth (inc	hoc):						Hydric Soil Pre	sent? Ye		No x
Deput (inc							riyane con ric	ociit: i c		NO X
HYDROLO(GY									
Wetland Hy	drology Indicators	•					Seco	ondary Indica	ators (2 or m	ore required)
Primary Ind	icators (minimum of	one required; ch	eck all that ap	ply)			\	Nater Marks (B1) (Riverine	e)
Surface	Water (A1)		Salt Cri	ust (B11)				Sediment Dep	osits (B2) (Ri	verine)
	ater Table (A2)			crust (B12)				Drift Deposits		
	ion (A3)			Invertebrate	es (B13)			Drainage Patte		-,
	Marks (B1) (Nonrive i	rine)		en Sulfide O	` '			Dry-Season W		:2)
	ent Deposits (B2) (No			d Rhizosphe		Livina Ro		Thin Muck Sur		· - /
	posits (B3) (Nonrive			ce of Reduce	_	_		Crayfish Burro	` ,	
	Soil Cracks (B6)	illo)		Iron Reducti	,	,		Saturation Visi		Imageny (CQ)
	ion Visible on Aerial	Imagan, (P7)				2 30113 (CI		Shallow Aquita		iiilagery (C9)
		imagery (b7)		uck Surface (. ,			•	` ,	
vvater-	Stained Leaves (B9)		Other (Explain in Re	emarks)		'	FAC-Neutral T	est (D5)	
Field Obser	vations:									
Surface Wat	er Present?	'es No	Depth (ir	nches):						
Water Table	Present?	'es No	Depth (ir	nches):						
Saturation P		'es No	Depth (ir	nches):		Wetla	and Hydrology	Present?	Yes	No x
(includes ca	pillary fringe)	<u></u>								
Describe Rec	orded Data (stream	gauge, monitorir	ng well, aerial	photos, previ	ious inspe	ctions), if a	available:			
	,					,				
Remarks: No	wetland hydrology i	ndicators observ	red.		·					

Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	0	Sam	pling Date	e: <u>5/8/23</u>	
Applicant/Owner: Tri Point Homes				State:	CA Sam	pling Poin	t: <u>P3-UP</u>	L
Investigator(s): Andrew Smisek		Section,	Township, R	ange: Section 31,	T18S R01W			
Landform (hillslope, terrace, etc.): small mound		Local rel	lief (concave	convex, none): slo	ре	Slo	pe (%):	2
Subregion (LRR): C	Lat:	32.55250		Long: -117.01297	7	Date	um: NAD8	33
Soil Map Unit Name: Olivenhain cobbly loam, 30-50%	slopes			NWI class	sification: no	one		
Are climatic / hydrologic conditions on the site typical for	or this time o	f year? Yes	x No	o(If no, exp	lain in Rem	arks.)		
Are Vegetation, Soil, or Hydrology _	signif	icantly disturb	ed?	Are "Normal Circum	stances" pre	esent? Ye	s <u>x</u>	No
Are Vegetation, Soil, or Hydrology _	natur	ally problemat	tic?	(If needed, explain a	ny answers	in Remar	ks.)	
SUMMARY OF FINDINGS – Attach site map s	howing sa	mpling poi	nt location	s, transects, imp	ortant feat	tures, et	с.	
Hydrophytic Vegetation Present? Yes	No x	1- 41	011	A				
Hydric Soil Present? Yes			ne Sampled nin a Wetlan	Ye	es	No	x	
Wetland Hydrology Present? Yes	No x	_						
VEGETATION – Use scientific names of plant	Ss. Absolute	Dominant	Indicator	Dominance Test	workshoot			
Tree Stratum (Plot size:) 1.	% Cover		Status	Number of Domin	ant Species	i	1	(A)
2				Total Number of I Species Across A			2	(B)
4.	·		-	Percent of Domin	•			
		= Total Cove	er	That Are OBL, FA	CW, or FAC):	50%	(A/B)
Sapling/Shrub Stratum (Plot size:)								
Artemisia californica	5	N	NI	Prevalence Inde		t:		
2				Total % Cove			tiply by:	_
3	<u> </u>			OBL species	0	x 1 =	0	_
4.				FACW species	0 15	x 2 = x 3 =	0 45	<u> </u>
5	5	= Total Cove		FACU species	6	x 4 =	24	<u> </u>
Herb Stratum (Plot size:)	<u>5</u>	= Total Cove	J I	UPL species	16	x 5 =	80	<u> </u>
1. Bromus rubens	15	Y	UPL	Column Totals:	37	(A)	149	(B)
2. Festuca perennis	15	Υ	FAC	D	- Index D			_, ,
3. Bromus diandrus	5	N	FACU	Prevalenc	e Index = B/	A = <u>4</u>		<u> </u>
4. Stipa pulchra	1	N	UPL	Hydrophytic Veg	etation Ind	icators:		
5. Deinandra fasciculata	1	N	FACU	Dominance	Test is >50	%		
6.				Prevalence	Index is ≤3	.0 ¹		
7	<u> </u>				cal Adaptati			
8				data in F	Remarks or	on a sepa	rate shee	t)
	37	= Total Cov	/er	Problemation	: Hydrophyt	ic Vegetat	ion¹ (Expl	ain)
Woody Vine Stratum (Plot size:)								
1 2.				¹ Indicators of hyd be present, unles				must
	42	= Total Cove	er	Hydrophytic				
% Bare Ground in Herb Stratum % Co	over of Biotic	Crust		Vegetation Present?	Yes	1	No4	
Remarks: The sample area does not support a predor	ninance of h	ydrophytic veç	getation.					

SOIL Sampling Point: P3-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Re	edox Featu	ıres		<u>-</u> ,			
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remar	ks
0-18	7.5YR 4/3	100					sandy loam	no rec	dox	
		- · <u></u> -			· —— ·					
	-									
			_				-			
	-									
¹ Type: C=Co	ncentration, D=Depletion	on, RM=Reduced	Matrix, CS=Covere	d or Coated	Sand Grains	S. 2	Location: PL=Po	re Lining, R	C=Root Channel,	M=Matrix.
Hydric Soil	Indicators: (Applic	able to all LRF	Rs, unless other	wise note	ed.)				ematic Hydric	
Histoso				Redox (S5)				Muck (A9)	-	
	pipedon (A2)			Matrix (S				Muck (A10)	` ,	
	listic (A3)			Mucky Min	,			ed Vertic (
	en Sulfide (A4)			Gleyed Ma				arent Mate		
	d Layers (A5) (LRR	C)		d Matrix (F					Remarks)	
1 cm M	uck (A9) (LRR D)		Redox [Dark Surfa	ce (F6)					
Deplete	d Below Dark Surfa	ce (A11)	Deplete	d Dark Su	rface (F7)					
	ark Surface (A12)			Depression	ns (F8)		³ Indicators	of hydropl	hytic vegetation	and
	Mucky Mineral (S1)		Vernal F	Pools (F9)			wetland	d hydrolog	y must be prese	ent,
Sandy (Gleyed Matrix (S4)						unless	disturbed	or problematic.	
Restrictive	Layer (if present):									
Type:										
Depth (inc	:hes):		_				Hydric Soil Pr	resent?	Yes	No x
	lo hydric soil indicate		_				,			
HYDROLO	GY									
Wetland Hy	ydrology Indicators	3 :					Se	condary Ir	ndicators (2 or	more required)
Primary Ind	icators (minimum of	one required; c	heck all that appl	y)				Water Ma	arks (B1) (River	ine)
Surface	Water (A1)		Salt Crus	t (B11)				Sediment	Deposits (B2)	(Riverine)
High W	ater Table (A2)		Biotic Cru					_	osits (B3) (Rive	
Saturat	ion (A3)			nvertebrat	es (B13)			-	Patterns (B10)	
	Marks (B1) (Nonrive	rine)		n Sulfide C	` '				on Water Table	
	ent Deposits (B2) (No				eres along	Livina Ro	ots (C3)	_	k Surface (C7)	(-)
	eposits (B3) (Nonriv e			•	ed Iron (C	-		_	Burrows (C8)	
	Soil Cracks (B6)	,			tion in Tille	,	6)	_		rial Imagery (C9)
	tion Visible on Aerial	Imagery (B7)		k Surface		a		_	Aquitard (D3)	iai iiiageij (ee)
	Stained Leaves (B9)	,		kplain in R	` '			_	tral Test (D5)	
	. ,		Other (L/	xpiaiii iii ix	Ciliains)			_I AC-Neu	tiai rest (D5)	
Field Obser										
Surface Wat		Yes No	 	· ·		_				
Water Table	Present?	Yes No	Depth (inc			_				
Saturation P		Yes No	Depth (inc	hes):		Wetla	and Hydrology	y Present?	? Yes	Nox
	pillary fringe)		Samuell				aa.!!a.la.! -			
Describe Red	corded Data (stream	gauge, monitor	ıng well, aerlal pr	notos, prev	lous inspe	ctions), if	avallable:			
Remarks: No	wetland hydrology	indicators obse	ved.							
			2 							

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	0	Sampling Date: 5/8/23	
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: P4-UPL	
Investigator(s): Andrew Smisek		Section,	Township, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local rel	ief (concave,	convex, none): none	Slope (%): 0	
Subregion (LRR): C	Lat:	32.55303		Long: -117.01135	Datum: NAD83	
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classification	on: none	
Are climatic / hydrologic conditions on the site typical for	r this time of	year? Yes	x No	o(If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signif	icantly disturb	ed?	Are "Normal Circumstance	es" present? Yes x No	0
Are Vegetation, Soil, or Hydrology	natura	ally problemat	ic?	(If needed, explain any an	swers in Remarks.)	
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poir	nt locations	s, transects, importan	t features, etc.	
Hydrophytic Vegetation Present? Yes x	No					
Hydric Soil Present? Yes	No x		ie Sampled in a Wetlan	Yes	No x	
Wetland Hydrology Present? Yes	No x		iiii a vvetiaii	u:		
VEGETATION – Use scientific names of plants	S.					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work		
1. (Flot size)	/₀ Covei	Species:	Status	Number of Dominant S That Are OBL, FACW,		(A)
2. 3.				Total Number of Domin Species Across All Stra	ant	(B)
4.		= Total Cove	er	Percent of Dominant Sp That Are OBL, FACW, o	pecies	(A/B)
Sapling/Shrub Stratum (Plot size:)				Duarralamaa kadan wasa	l-ah-a-t-	
1. 2.				Prevalence Index wor Total % Cover of:	Multiply by:	
3.				OBL species	x 1 =	
				FACW species	x 2 =	
5.				FAC species	x 3 =	
		= Total Cove	er	FACU species	x 4 =	
Herb Stratum (Plot size:)				UPL species	x 5 =	
1. Festuca perennis	97	Y	FAC	Column Totals:	(A)(E	B)
2. Bromus diandrus	1	N	FACU	Prevalence Inde	ex = B/A =	
3. Avena barbata	2	N	UPL	1 1010100 11100		
4				Hydrophytic Vegetation	on Indicators:	
5				Dominance Test	is >50%	
6	-			Prevalence Index		
7. 8.					daptations¹ (Provide supporti rks or on a separate sheet)	ing
Woody Vine Stratum (Plot size:	100	= Total Cov	er	Problematic Hydi	rophytic Vegetation¹ (Explair	n)
1				¹ Indicators of hydric so be present, unless dist	oil and wetland hydrology mu turbed or problematic.	ust
2	100	= Total Cove	er	Hydrophytic		
% Bare Ground in Herb Stratum % Co	ver of Biotic		,1	Vegetation	es x No	
Remarks: The sample area supports a predominance of	of hydrophyt	ic vegetation				
		ŭ				

SOIL Sampling Point: P4-UPL

Profile Desc Depth	cription: (Describe Matrix			ent the inc edox Featu		confirm t	he absence of	indicators.)
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	_ Texture	Remarks
0-18	10YR 3/3	100	ocioi (moiot)		1,700	200		
0-16	10113/3	100					clay	no redox
							_	
1- 0.0						2		
	ncentration, D=Deplet I Indicators: (Appl					S. ²		e Lining, RC=Root Channel, M=Matrix. for Problematic Hydric Soils³:
-		icable to all Liviv						
Histoso	, ,			Redox (S5)				uck (A9) (LRR C)
	pipedon (A2)			d Matrix (Se	,			uck (A10) (LRR B) ed Vertic (F18)
	listic (A3)			Mucky Mind Gleyed Ma				` ,
	en Sulfide (A4) d Lavers (A5) (LRF	C/			, ,			rent Material (TF2) Explain in Remarks)
	uck (A9) (LRR D)	(C)		d Matrix (F Dark Surfac	,		Other (i	explain in Remarks)
	ed Below Dark Surfa	200 (111)		d Dark Sunac	` ,			
	ark Surface (A12)	ace (ATT)		Dark Sur Depression			3Indicators (of hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)	3 (1 0)			hydrology must be present,
	Gleyed Matrix (S4)		vcman	0013 (1 3)				listurbed or problematic.
							1	notario de problemano.
_	Layer (if present):							
Type:								
Depth (inc	:hes):		•				Hydric Soil Pre	esent? Yes No x
Remarks: N	lo hydric soil indica	tors observed.					1	
	•							
HYDROLO	GY							
	ydrology Indicator	·s:					Sec	ondary Indicators (2 or more required)
-	icators (minimum o		neck all that app	v)				Water Marks (B1) (Riverine)
	e Water (A1)		Salt Crus					Sediment Deposits (B2) (Riverine)
	ater Table (A2)		Biotic Crus	, ,				Drift Deposits (B3) (Riverine)
	, ,			` '	o (D12)			
	ion (A3)			nvertebrate				Drainage Patterns (B10)
	Marks (B1) (Nonriv			n Sulfide O				Dry-Season Water Table (C2)
	ent Deposits (B2) (N			Rhizosphe	_	_	• • —	Thin Muck Surface (C7)
	eposits (B3) (Nonri	verine)		e of Reduce				Crayfish Burrows (C8)
	Soil Cracks (B6)			on Reduct		d Soils (C		Saturation Visible on Aerial Imagery (C9)
Inundat	tion Visible on Aeria	al Imagery (B7)	Thin Mud	k Surface	(C7)		;	Shallow Aquitard (D3)
Water-S	Stained Leaves (B9))	Other (E	kplain in Re	emarks)		!	FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat		Yes No	Depth (inc	hes):				
Water Table		Yes No				-		
Saturation P			Depth (inc	· ·		- Wotla	and Hydrology	Present? Yes No x
	pillary fringe)	165 110	Deptil (inc			vveu	and Hydrology	Present? YesNox_
	corded Data (strean	n gauge, monitorii	ng well, aerial ni	notos, prev	ious inspe	ctions). if	available:	
2000201.	aca 2ata (cca	gaage,ee	g, ac.ia. p.	.o.oo, p. o.		00107,	a validato.	
Remarks: No	wetland hydrology	indicators observ	ved.					

Project/Site: Southwest Village Specific Plan Project		City/Coun	ty: San Dieg	0	_Sampling Date:	5/5/23
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point:	P6-UPL
Investigator(s): Andrew Smisek, JR Sundberg, Chris Th	nomson	Section,	Township, R	Range: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local rel	ief (concave	, convex, none): none	Slop	oe (%): 0
Subregion (LRR): C	Lat:	32.55217		Long: -117.01129	Datur	m: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI classification	on: none	
Are climatic / hydrologic conditions on the site typical fo	r this time of	f year? Yes	xNo	o(If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrology	signif	icantly disturb	ed?	Are "Normal Circumstance	es" present? Yes	xNo
Are Vegetation, Soil, or Hydrology	natur	ally problemat	tic?	(If needed, explain any an	swers in Remarks	s.)
SUMMARY OF FINDINGS – Attach site map sh	nowing sa	mpling poir	nt location	s, transects, importan	nt features, etc.	
Hydrophytic Vegetation Present? Yes x	No	1- 41	0 11	A		
Hydric Soil Present? Yes			ne Sampled nin a Wetlan	Yes	No x	
Wetland Hydrology Present? Yes	No x	_	a rrottari	. .		
VEGETATION – Use scientific names of plants		Dawinaut	la di satan	Dominous Testural	ah aat	
<u>Tree Stratum</u> (Plot size:) 1.	Absolute % Cover	Dominant Species?	Indicator Status	Number of Dominant S That Are OBL, FACW, o	pecies	1 (A)
2				Total Number of Domin Species Across All Stra	ant	1 (B)
4.				Percent of Dominant Sp		
		= Total Cove	er	That Are OBL, FACW,	or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1. Artemisia californica	10	Υ	NI	Prevalence Index wor	ksheet:	
2				Total % Cover of:		bly by:
3				OBL species	x 1 =	
4				FACW species	x 2 =	
5		T-1-1-0		FAC species FACU species	x 3 = x 4 =	
Herb Stratum (Plot size:	10	= Total Cove	er Er	UPL species	x 5 =	
Festuca perennis	70	Y	FAC	Column Totals:		
Bromus diandrus	10	N	FACU			
3. Avena barbata	10	N	UPL	Prevalence Inde	ex = B/A =	
4. Hypochaeris glabra	<1	N	FACU	Hydrophytic Vegetation	on Indicators:	
5. Dipterostemon capitatus	<1	N	NI	Dominance Test	is >50%	
6. Calochortus splendens	<1	N	NI	Prevalence Index	c is ≤3.0¹	
7.				Morphological Ac	daptations¹ (Provid	de supporting
8				data in Remar	rks or on a separa	ite sheet)
	90	= Total Cov	er	Problematic Hydi	rophytic Vegetatio	n¹ (Explain)
Woody Vine Stratum (Plot size:)						
1				¹ Indicators of hydric so be present, unless dist		
	100	= Total Cove	er	Hydrophytic		
% Bare Ground in Herb Stratum % Co	ver of Biotic	: Crust		Vegetation Present?	es <u>x</u> No	D
Remarks: The sample area supports a predominance of	of hydrophyt	tic vegetation.				

SOIL Sampling Point: P6-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix			dox Features			
	Color (moist)	% (Color (moist)	% Type ¹	Loc ²	Texture	Remarks
0-18	10YR 3/3	100				loam	
		· 				 .	
1Type: C-Cer	ncentration, D=Depletion	n PM-Poduced M	latriy CS_Covered	d or Coated Sand Crain	21	acotion: DL – Doro Liv	ning, RC=Root Channel, M=Matrix.
	Indicators: (Applic				115. LC		Problematic Hydric Soils ³ :
•	`	able to all LKK	•	•			•
Histosol	` '			Redox (S5)			(A9) (LRR C)
	pipedon (A2)			Matrix (S6)			(A10) (LRR B)
	istic (A3)			Mucky Mineral (F1)			/ertic (F18)
	en Sulfide (A4) d Layers (A5) (LRR	C)		Gleyed Matrix (F2) d Matrix (F3)			t Material (TF2)
	uck (A9) (LRR D)	C)		Dark Surface (F6)		Other (Exp	lain in Remarks)
	d Below Dark Surfa	~ (Δ11)		d Dark Surface (F7)			
	ark Surface (A12)	50 (ATT)		Depressions (F8)		³ Indicators of h	ydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)			drology must be present,
	Gleyed Matrix (S4)		vernari	0013 (1 0)			urbed or problematic.
						urilodo diote	arboa or problemate.
	Layer (if present):						
Type:							
Depth (incl	hes):				H	Hydric Soil Presei	nt? Yes No x
Remarks: N	o hydric soil indicate	ors observed.					
	•						
HYDROLO							
	GY						
Wetland Hy	GY /drology Indicators	:				Second	dary Indicators (2 or more required)
-	drology Indicators		eck all that apply	y)		·	dary Indicators (2 or more required) ter Marks (B1) (Riverine)
Primary Indi	drology Indicators icators (minimum of					Wa	ter Marks (B1) (Riverine)
Primary Indi	drology Indicators icators (minimum of Water (A1)		Salt Crust	t (B11)		Wa Sec	ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine)
Primary Indi Surface High Wa	rdrology Indicators icators (minimum of Water (A1) ater Table (A2)		Salt Crust	t (B11) ıst (B12)		Wa Sec Drif	ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine)
Primary Indi Surface High Wa	rdrology Indicators icators (minimum of Water (A1) ater Table (A2) ion (A3)	one required; ch	Salt Crust Biotic Cru Aquatic Ir	t (B11) ast (B12) avertebrates (B13)		Wa Sec Drif Dra	ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10)
Primary Indi Surface High Water Mater rdrology Indicators icators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive	one required; ch	Salt Crusi Biotic Cru Aquatic Ir Hydrogen	t (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1)	y Living Poot	Wa Sec Drift Dra Dry	ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2)	
Primary Indi Surface High Water Mater vidrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (No	one required; ch rine) onriverine)	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized	t (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres along			ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7)	
Primary Indi Surface High Water N Sedime Drift De	vidrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (Nonrive	one required; ch rine) onriverine)	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence	t (B11) list (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres along t of Reduced Iron (C	54)		ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) hyfish Burrows (C8)
Primary Indi Surface High Water N Sedime Drift De Surface	vidrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (No posits (B3) (Nonrive e Soil Cracks (B6)	one required; ch rine) onriverine) erine)	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Ire	t (B11) list (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres along t of Reduced Iron (Con Reduction in Tille	54)		ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) syfish Burrows (C8) uration Visible on Aerial Imagery (C9)
Primary Indi Surface High Water N Sedime Drift De Surface	vidrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (Nonrive	one required; ch rine) onriverine) erine)	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc	t (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres along of Reduced Iron (Con Reduction in Tille k Surface (C7)	54)		ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) in Hyfish Burrows (C8) uration Visible on Aerial Imagery (C9) allow Aquitard (D3)
Primary Indi Surface High Water Mater vidrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (No posits (B3) (Nonrive e Soil Cracks (B6)	one required; ch	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc	t (B11) list (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres along t of Reduced Iron (Con Reduction in Tille	54)		ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) syfish Burrows (C8) uration Visible on Aerial Imagery (C9)	
Primary Indi Surface High Water Mater vidrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9)	one required; ch	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc	t (B11) ust (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres along of Reduced Iron (Con Reduction in Tille k Surface (C7)	54)		ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) in Hyfish Burrows (C8) uration Visible on Aerial Imagery (C9) allow Aquitard (D3)	
Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S	vidrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations:	one required; ch rine) onriverine) erine) Imagery (B7)	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex	t (B11) list (B12) nvertebrates (B13) n Sulfide Odor (C1) Rhizospheres along of Reduced Iron (Con Reduction in Tille k Surface (C7) rplain in Remarks)	54)		ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) in Hyfish Burrows (C8) uration Visible on Aerial Imagery (C9) allow Aquitard (D3)
Primary Indi Surface High Water Mater Mater Mater Mater Mater Mater Mater Sedime Drift De Surface Inundate Water-S Field Obser Surface Water	vidrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present?	one required; ch	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex	t (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1) Rhizospheres along It of Reduced Iron (Con Reduction in Tille It k Surface (C7) It cplain in Remarks)	54)		ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) in Hyfish Burrows (C8) uration Visible on Aerial Imagery (C9) allow Aquitard (D3)
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Primary Indi Surface High Water Mater Mater Mater Sedime Drift De Surface Inundati Water-S Field Obser Surface Water Table Saturation Pater Surface Pater Mater Sedime	vidrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present?	one required; ch	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex	t (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1) Rhizospheres along It of Reduced Iron (Con Reduction in Tille It k Surface (C7) Ixplain in Remarks) Ines):	(24) ed Soils (C6)		ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) dinage Patterns (B10) -Season Water Table (C2) din Muck Surface (C7) dish Burrows (C8) duration Visible on Aerial Imagery (C9) dallow Aquitard (D3) C-Neutral Test (D5)
Primary Indi Surface High Water Mage Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation P (includes cap	Adrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive and Deposits (B2) (Nonrive as Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) Vations: er Present? Present? pillary fringe)	rine) prine) prine) Imagery (B7) Yes No Yes No Yes No	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex Depth (inch	t (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1) Rhizospheres along Ist of Reduced Iron (Coon Reduction in Tille Isk Surface (C7) Isplain in Remarks) Ines): Ines): Ines):	(24) ed Soils (C6) Wetlan		ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) dinage Patterns (B10) -Season Water Table (C2) din Muck Surface (C7) dish Burrows (C8) duration Visible on Aerial Imagery (C9) dallow Aquitard (D3) C-Neutral Test (D5)
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Primary Indi Surface High Water Mater Mater Mater Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation Pr (includes cap Describe Rec	Adrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive and Deposits (B2) (Nonrive as Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) Vations: er Present? Present? pillary fringe)	rine) priverine) lmagery (B7) Yes No Yes No Yes No gauge, monitorir	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Irc Thin Mucl Other (Ex Depth (inch Depth (inch	t (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1) Rhizospheres along Ist of Reduced Iron (Coon Reduction in Tille Isk Surface (C7) Isplain in Remarks) Ines): Ines): Ines):	(24) ed Soils (C6) Wetlan		ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) dinage Patterns (B10) -Season Water Table (C2) din Muck Surface (C7) dish Burrows (C8) duration Visible on Aerial Imagery (C9) dallow Aquitard (D3) C-Neutral Test (D5)
Primary Indi Surface High Water Mater Mater Mater Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation Pr (includes cap Describe Rec	vidrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present? present? pillary fringe) orded Data (stream	rine) priverine) lmagery (B7) Yes No Yes No Yes No gauge, monitorir	Salt Crust Biotic Cru Aquatic Ir Hydrogen Oxidized Presence Recent Iro Thin Mucl Other (Ex Depth (inch Depth (inch	t (B11) Ist (B12) Invertebrates (B13) In Sulfide Odor (C1) Rhizospheres along Ist of Reduced Iron (Coon Reduction in Tille Isk Surface (C7) Isplain in Remarks) Ines): Ines): Ines):	(24) ed Soils (C6) Wetlan		ter Marks (B1) (Riverine) diment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) dinage Patterns (B10) -Season Water Table (C2) din Muck Surface (C7) dish Burrows (C8) duration Visible on Aerial Imagery (C9) dallow Aquitard (D3) C-Neutral Test (D5)
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Project/Site: Southwest Village Specific F	Plan Project		City/Coun	ity: San Dieg	10	Sar	mpling Date	e: <u>5/5/2</u>	3
Applicant/Owner: Tri Point Homes					State:	CA Sar	npling Poir	nt: <u>P7-U</u>	PL
Investigator(s): Andrew Smisek, JR Sund	dberg, Chris T	Thomson	Section,	Township, R	Range: Section 31,	T18S R01V	٧		
Landform (hillslope, terrace, etc.): mesa			Local re	lief (concave	, convex, none): <u>no</u>	ne	SI	ope (%):	2
Subregion (LRR): C		Lat:	32.55189		Long: -117.0109	4	Dat	um: NAI	D83
Soil Map Unit Name: Huerhuero loam, 2	:-9% slopes				NWI clas	sification: r	none		
Are climatic / hydrologic conditions on the	site typical f	or this time o	f year? Yes	x No	o(If no, exp	olain in Ren	narks.)		
Are Vegetation, Soil, or	r Hydrology	signif	icantly disturb	ed?	Are "Normal Circum	stances" p	resent? Ye	es x	No
Are Vegetation, Soil, or	r Hydrology	natur	ally problema	tic?	(If needed, explain a	any answer	s in Remai	rks.)	
SUMMARY OF FINDINGS – Attach	site map s	showing sa	mpling poi	nt location	s, transects, imp	ortant fea	atures, et	c.	
Hydrophytic Vegetation Present?	Yes	No x			_				
Hydric Soil Present?	Yes	No x		ne Sampled nin a Wetlan	Y	es	No	Х	
Wetland Hydrology Present?	Yes	No x	with	iin a vvetian	a?				
Remarks: Paired sample point for featu	ro #D7								
VEGETATION – Use scientific nam Tree Stratum (Plot size: 1.	-	Absolute	Dominant Species?	Indicator Status	Dominance Test Number of Domin That Are OBL, F	nant Specie	s	1	(A)
2.					Total Number of Species Across A	Dominant		2	
4.					Percent of Domir		s		(B)
		=	= Total Cove	er	That Are OBL, FA	ACW, or FA	.C:	50	(A/B)
Sapling/Shrub Stratum (Plot size:))							
1.	·				Prevalence Inde	x workshe	et:		
2.					Total % Cove	er of:	Mul	Itiply by:	
3.		-			OBL species	0	x 1 =	0	
4.					FACW species	0	x 2 =	0	
5.					FAC species	44	x 3 =	132	
			= Total Cove	er	FACU species	0.5	x 4 =	2	
Herb Stratum (Plot size:)				UPL species	55	x 5 =	275	
Festuca perennis		44	Υ	FAC	Column Totals:	99.5	(A)	409	(B)
2. Avena barbata		55	Υ	UPL	Prevalend	ce Index = E	3/A = 4.1		
3. Bloomeria crocea		0.5	N	FACU			-		· · · · · · · · · · · · · · · · · · ·
4. Calochortus splendens		0.5	N	NI	Hydrophytic Ve	getation In	dicators:		
5					Dominance	e Test is >5	0%		
6					Prevalence	e Index is ≤	3.0^{1}		
7		=				ical Adapta			
8		=				Remarks or			,
Was da Visa Otratas (Distains	,	100	= Total Cov	er/er	Problemati	c Hydrophy	rtic Vegeta	tion¹ (Ex	plain)
Woody Vine Stratum (Plot size:))			11 11 11 11				
1					¹ Indicators of hy be present, unle				y must
2							a o. p. oo. o		
		100	= Total Cove	er	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum	% C	over of Biotic	Crust		Present?	Yes	I	No x	
Remarks: The sample area does not sup	port a predo	minance of h	vdrophytic ve	getation	1				
and add not out	, p. 636		,	 					

SOIL Sampling Point: P7-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Loamy Mucky Mineral (F1) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) (LRR C) Depleted Matrix (F3) Oth The muck (A9) (LRR D) Redox Dark Surface (F6) Depleted Below Dark Surface (A11) Pepleted Dark Surface (F7) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Restrictive Layer (if present): Type: Depth (inches): Hydric Soil HYDROLOGY	
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators: (Applicators otherwise noted.) Indicators: (Applicators otherwise noted.) Indicators: (Applicators otherwise noted.) Indicators: (Applicators otherwise noted.) Indicators: (Applicators otherwise noted.) Indicators: (Applicators otherwise noted.) Indicators: (Applicators otherwise noted.) Indicators: (Applicators otherwise noted.) Indicators: (Applicators otherwise noted.) Indicators: (Applicators otherwise noted.) Indicators: (Applicators otherwise noted.) Indicators: (Applicators otherwise noted.) Indicators: (Applicators otherwise noted.) Indicators: (Applicators otherwise noted.) Indicators: (Applicators otherwise noted.) Indicators: (Applicators otherwise noted.) Indicators: (Applicators otherwise noted.) Indicators: (Applicators	re Remarks
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Depth (inches):	
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Drift Deposits (B2) (Nonriverine) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Presence of Reduced Iron (C4) Thin Muck Surface (C7) Water-Stained Leaves (B9) Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Wetland Hydrological Photos, previous inspections), if available: Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Present? Yes No x
Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Present? Yes Nox
Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Salt Crust (B11) High Water Table (A2) Biotic Crust (B12) Saturation (A3) Aquatic Invertebrates (B13) Water Marks (B1) (Nonriverine) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) (Nonriverine) Oxidized Rhizospheres along Living Roots (C3) Drift Deposits (B3) (Nonriverine) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Recent Iron Reduction in Tilled Soils (C6) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Water-Stained Leaves (B9) Other (Explain in Remarks) Field Observations: Surface Water Present? Yes No Depth (inches): Wetland Hydrological Explaints (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water Table Present? Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Sediment Deposits (B13) Aquatic Invertebrates (B12) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic Invertebrates (B12) Aquatic Invertebrates (B13) Aquatic Invertebrates (B12) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Aquatic I	Secondary Indicators (2 or more required
Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Drift Deposits (B3) (Nonriverine) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water Table Present? Water Table Present? Yes No Depth (inches): Saturation Present? Saturation Present? Saturation Present? Saturation Present? Yes No Depth (inches): Sediment Deposits (B1) (Nonriverine) Water-Stained Leaves (B9) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Water Marks (B1) (Riverine)
High Water Table (A2) Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Field Observations: Surface Water Present? Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Saturation (A3) Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Field Observations: Surface Water Present? Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Wetland Hydrold (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Sediment Deposits (B2) (Riverine)
Water Marks (B1) (Nonriverine) Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Field Observations: Surface Water Present? Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Wetland Hydrold (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Drift Deposits (B3) (Riverine)
Sediment Deposits (B2) (Nonriverine) Drift Deposits (B3) (Nonriverine) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Field Observations: Surface Water Present? Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Secont Iron Reduction in Tilled Soils (C6) Thin Muck Surface (C7) Other (Explain in Remarks) Depth (inches): Wetland Hydrok (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Drainage Patterns (B10)
Drift Deposits (B3) (Nonriverine) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Field Observations: Surface Water Present? Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Wetland Hydrok (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Dry-Season Water Table (C2)
Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Field Observations: Surface Water Present? Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Wetland Hydrold (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Thin Muck Surface (C7)
Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) Field Observations: Surface Water Present? Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Wetland Hydrold (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Crayfish Burrows (C8)
Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Water-Stained Leaves (B9) Other (Explain in Remarks) Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Wetland Hydrold (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Saturation Visible on Aerial Imagery (C9
Water-Stained Leaves (B9) Other (Explain in Remarks) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	Shallow Aquitard (D3)
Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	FAC-Neutral Test (D5)
Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Saturation Present? Yes No Depth (inches): Wetland Hydrold (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	ogy Present? Yes No x
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	103NOX
Remarks: No wetland hydrology indicators observed.	
Remarks: No wetland hydrology indicators observed.	
tomants. The Welland Hydrology Indicators observed.	

Project/Site: Southwest Village Specific Plan Project		City/County	: San Dieg	0	Sai	mpling Date	e: <u>6/27/2</u>	23
Applicant/Owner: Tri Point Homes				State:	CA Sar	mpling Poin	t: <u>P8-UF</u>	PL
Investigator(s): Andrew Smisek		Section, T	ownship, R	ange: Section 31,	T18S R01\	٧		
Landform (hillslope, terrace, etc.): mesa		Local relie	f (concave,	convex, none): no	ne	Slo	pe (%):	10
Subregion (LRR): C	Lat:	32.55091		Long: <u>-117.0111</u>	5	Datu	ım: <u>NAD</u>	83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI class	sification: r	none		
Are climatic / hydrologic conditions on the site typical	for this time o	f year? Yes _	x No	o(If no, exp	olain in Rer	narks.)		
Are Vegetation, Soil, or Hydrology	signif	icantly disturbed	d? ,	Are "Normal Circum	stances" p	resent? Ye	s x	No
Are Vegetation, Soil, or Hydrology	natur	ally problematic	?	(If needed, explain a	any answer	s in Remar	ks.)	
SUMMARY OF FINDINGS – Attach site map	showing sa	mpling point	locations	s, transects, imp	ortant fea	atures, etc	С.	
Hydrophytic Vegetation Present? Yes	No x							
Hydric Soil Present? Yes	No x		. Sampled n a Wetland	Y	es	No	X	
Wetland Hydrology Present? Yes	No x		i a vvetiaii	u:				
Remarks: Paired sample point for feature #P8. VEGETATION – Use scientific names of plan	nts.							
	Absolute		Indicator	Dominance Test	workshee	et:		
Tree Stratum (Plot size:) 1.	% Cover	Species?	Status	Number of Domir That Are OBL, FA			0	(A)
2. 3.				Total Number of Species Across A			2	(B)
4.				Percent of Domin That Are OBL, FA			0	(A/B)
Sapling/Shrub Stratum (Plot size:)	= Total Cover						
1				Prevalence Inde	x workshe	et:		
2				Total % Cove	er of:	Mult	iply by:	_
3				OBL species	0	x 1 =	0	_
4				FACW species _	0	x 2 =	0	_
5				FAC species	0	x 3 =	0	
		= Total Cover		FACU species	40	_ x 4 =	160	_
Herb Stratum (Plot size:)			=	UPL species	50	x 5 =	250	— (D)
1. Deinandra fasciculata	10		FACU	Column Totals:	90	_ (A)	410	(B)
2. Avena sp	40		UPL	Prevalend	ce Index = E	B/A = 4.6		_
3. Bromus rubens	30		UPL FACU	Urdranhytia Va	natation In	diantero.		
4. Erodium botrys 5.			FACU	Hydrophytic Veg	_			
				Dominance Prevalence				
7.				Morpholog	ical Adapta	tions¹ (Prov		
8	90	= Total Cove		Problemati		r on a separ rtic Vegetat		•
Woody Vine Stratum (Plot size:1.)			¹ Indicators of hy				must
2.				be present, unle	ss disturbe	d or problei	matic.	
9/ Para Cround in Harb Stratum		= Total Cover		Hydrophytic Vegetation Present?	Voo		Jo V	
	Cover of Biotic			FIESEIIL!	Yes_		10 X	
Remarks: The sample area does not support a predo	ominance of h	yarophytic vege	tation.					

SOIL Sampling Point: P8-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Rea	lox Features			
	Color (moist)	% C	color (moist)	% Type ¹	Loc ²	Texture	Remarks
0-18	10YR 3/3	100			(clay	
					· · ·		
		· —— —	·				
	-			· · · · · · · · · · · · · · · · · · ·			
		·					
		·					
1Type: C-Cer	ncentration, D=Depletion	n PM-Reduced M	otriv CS-Covered	or Coated Sand Crain	2 2	notion: DI _Doro I in	ning, RC=Root Channel, M=Matrix.
	Indicators: (Applic				5. LUC		Problematic Hydric Soils ³ :
•	`	able to all LKKS	•	•			•
Histosol	` '		Sandy Re	, ,			(A9) (LRR C)
	pipedon (A2)			Matrix (S6)			(A10) (LRR B)
	istic (A3)			ucky Mineral (F1)		Reduced V	
	en Sulfide (A4) d Layers (A5) (LRR	C \		leyed Matrix (F2) Matrix (F3)			t Material (TF2)
	uck (A9) (LRR D)	C)		ark Surface (F6)		Other (Exp	lain in Remarks)
	d Below Dark Surfac	co (Δ11)		Dark Surface (F7)			
	ark Surface (A12)	C (ATT)		epressions (F8)		3Indicators of h	ydrophytic vegetation and
	Mucky Mineral (S1)		Vernal Po				drology must be present,
	Gleyed Matrix (S4)			7010 (1 0)		-	ribed or problematic.
						urnoss alots	insect of prosicinatio.
	Layer (if present):						
Type:							
Depth (incl	hes):				H	ydric Soil Preser	nt? Yes No x
Remarks: N	lo hydric soil indicato	ors observed.			l .		
	•						
HYDROLOG	GY						
	GY /drology Indicators	::				Second	lary Indicators (2 or more required)
Wetland Hy	drology Indicators		eck all that apply))		· · · · · · · · · · · · · · · · · · ·	
Wetland Hy Primary Indi	drology Indicators icators (minimum of					Wat	ter Marks (B1) (Riverine)
Wetland Hy Primary Indi Surface	ydrology Indicators icators (minimum of water (A1)		Salt Crust	(B11)		Wat	ter Marks (B1) (Riverine) liment Deposits (B2) (Riverine)
Wetland Hy Primary Indi Surface High Wa	ydrology Indicators icators (minimum of Water (A1) ater Table (A2)		Salt Crust Biotic Crus	(B11) st (B12)		Wat Sed Drift	ter Marks (B1) (Riverine) liment Deposits (B2) (Riverine) t Deposits (B3) (Riverine)
Wetland Hy Primary Indi Surface High Wa	ydrology Indicators icators (minimum of Water (A1) ater Table (A2) ion (A3)	one required; che	Salt Crust Biotic Crus Aquatic Inv	(B11) st (B12) vertebrates (B13)		Wat Sed Drift Dra	ter Marks (B1) (Riverine) liment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10)
Wetland Hy Primary Indi Surface High Water N	ydrology Indicators icators (minimum of Water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive	one required; che	Salt Crust Biotic Crus Aquatic Inv	(B11) st (B12) vertebrates (B13) Sulfide Odor (C1)	Lining Deade	Wat Sed Driff Dra Dry-	ter Marks (B1) (Riverine) liment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2)
Wetland Hy Primary Indi Surface High Water M Water M Sedime	ydrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No	one required; che rine) onriverine)	Salt Crust Biotic Crust Aquatic Inv Hydrogen	(B11) st (B12) vertebrates (B13) Sulfide Odor (C1) Rhizospheres along	-		ter Marks (B1) (Riverine) liment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7)
Wetland Hy Primary Indi Surface High Water M Sedime Drift De	ydrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (No iposits (B3) (Nonrive	one required; che rine) onriverine)	Salt Crust Biotic Crust Aquatic Inv Hydrogen Oxidized R Presence of	(B11) st (B12) vertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4	4)		ter Marks (B1) (Riverine) liment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) yfish Burrows (C8)
Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface	ydrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No posits (B3) (Nonrive & Soil Cracks (B6)	one required; che rine) onriverine) erine)	Salt Crust Biotic Crust Aquatic Inv Hydrogen Oxidized R Presence o	(B11) st (B12) vertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 n Reduction in Tille	4)		ter Marks (B1) (Riverine) liment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7) yfish Burrows (C8) uration Visible on Aerial Imagery (C9)
Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface	ydrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive int Deposits (B2) (No iposits (B3) (Nonrive	one required; che rine) onriverine) erine)	Salt Crust Biotic Crust Aquatic Inv Hydrogen Oxidized R Presence o	(B11) st (B12) vertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4	4)		ter Marks (B1) (Riverine) liment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) in Muck Surface (C7) yfish Burrows (C8)
Wetland Hy Primary Indi Surface High Water Notes Sedime Drift De Surface Inundati	ydrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No posits (B3) (Nonrive & Soil Cracks (B6)	one required; che rine) onriverine) erine)	Salt Crust Biotic Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Thin Muck	(B11) st (B12) vertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 n Reduction in Tille	4)	Wat Sed Drift Dra Dry: Sed C3)	ter Marks (B1) (Riverine) liment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) inage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7) yfish Burrows (C8) uration Visible on Aerial Imagery (C9)
Wetland Hy Primary Indi Surface High Water M Sedime Drift De Surface Inundat Water-S	ydrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Norive e Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9)	one required; che rine) onriverine) erine)	Salt Crust Biotic Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Thin Muck	(B11) st (B12) vertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 n Reduction in Tiller Surface (C7)	4)	Wat Sed Drift Dra Dry: Sed C3)	ter Marks (B1) (Riverine) liment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) tinage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7) tyfish Burrows (C8) uration Visible on Aerial Imagery (C9) tillow Aquitard (D3)
Wetland Hy Primary Indi Surface High Water M Sedime Drift De Surface Inundat Water-S	vidrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations:	rine) porriverine) erine) Imagery (B7)	Salt Crust Biotic Crust Aquatic Inv Hydrogen Oxidized R Presence of Recent Iron Thin Muck Other (Exp	(B11) st (B12) vertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C2 n Reduction in Tiller Surface (C7) blain in Remarks)	4)	Wat Sed Drift Dra Dry: Sed C3)	ter Marks (B1) (Riverine) liment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) tinage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7) tyfish Burrows (C8) uration Visible on Aerial Imagery (C9) tillow Aquitard (D3)
Wetland Hy Primary Indi Surface High Water M Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat	ydrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (Norive esoil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations:	rine) priverine) erine) Imagery (B7) Yes No_	Salt Crust Biotic Crust Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iron Thin Muck Other (Exp	(B11) st (B12) vertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C2 n Reduction in Tiller Surface (C7) olain in Remarks) es):	4)	Wat Sed Drift Dra Dry: Sed C3)	ter Marks (B1) (Riverine) liment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) tinage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7) tyfish Burrows (C8) uration Visible on Aerial Imagery (C9) tillow Aquitard (D3)
Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table	vidrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive and Deposits (B2) (No aposits (B3) (Nonrive a Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: are Present?	rine) priverine) lmagery (B7) Yes No_ Yes No_	Salt Crust Biotic Crust Aquatic Inv Hydrogen S Oxidized R Presence of Recent Iron Thin Muck Other (Exp Depth (inche	(B11) st (B12) vertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 n Reduction in Tiller Surface (C7) olain in Remarks) es):	d Soils (C6)	Wat Sed Sed Driff Dra Dry. Sed Crain Sature Shate FAC	ter Marks (B1) (Riverine) liment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) tinage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7) tyfish Burrows (C8) turation Visible on Aerial Imagery (C9) tillow Aquitard (D3) C-Neutral Test (D5)
Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P	vidrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present?	rine) priverine) erine) Imagery (B7) Yes No_	Salt Crust Biotic Crust Aquatic Inv Hydrogen S Oxidized R Presence C Recent Iron Thin Muck Other (Exp Depth (inche	(B11) st (B12) vertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 n Reduction in Tiller Surface (C7) olain in Remarks) es):	d Soils (C6)	Wat Sed Drift Dra Dry: Sed C3)	ter Marks (B1) (Riverine) liment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) tinage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7) tyfish Burrows (C8) turation Visible on Aerial Imagery (C9) tillow Aquitard (D3) C-Neutral Test (D5)
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Wetland Hy Primary Indi Surface High Water M Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes car Describe Rec	vdrology Indicators icators (minimum of water (A1) ater Table (A2) ion (A3) Marks (B1) (Nonrive ent Deposits (B2) (No eposits (B3) (Nonrive e Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present? resent?	rine) priverine) lmagery (B7) Yes No Yes No Yes No gauge, monitorin	Salt Crust Biotic Crust Aquatic Inv Hydrogen S Oxidized R Presence G Recent Iron Thin Muck Other (Exp Depth (inched Depth (inched Depth (inched Depth (inched	(B11) st (B12) vertebrates (B13) Sulfide Odor (C1) Rhizospheres along of Reduced Iron (C4 n Reduction in Tiller Surface (C7) olain in Remarks) es):	4) d Soils (C6) Wetlance	Wat Sed Driff Dra Dry S (C3) Thir Cra Satu Sha FAC	ter Marks (B1) (Riverine) liment Deposits (B2) (Riverine) t Deposits (B3) (Riverine) tinage Patterns (B10) -Season Water Table (C2) n Muck Surface (C7) tyfish Burrows (C8) turation Visible on Aerial Imagery (C9) tillow Aquitard (D3) C-Neutral Test (D5)
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Project/Site: Southwest Village Specific Plan Project		City/Coun	ity: San Dieg	0	San	npling Date	e: <u>5/18/2</u>	3
Applicant/Owner: Tri Point Homes				State:	CA San	npling Poin	ıt: <u>P13-U</u>	PL
Investigator(s): Andrew Smisek		Section,	Township, R	ange: Section 31,	T18S R01V	V		
Landform (hillslope, terrace, etc.): mesa		Local re	lief (concave,	convex, none): no	ne	Slo	ope (%):	0
Subregion (LRR): C	Lat:	32.55344		Long: <u>-117.0095</u>)	Date	um: NAD	83
Soil Map Unit Name: Huerhuero loam, 2-9% slopes				NWI clas	sification: n	one		
Are climatic / hydrologic conditions on the site typical f	or this time of	year? Yes	x No	o(If no, exp	olain in Rem	narks.)		
Are Vegetation, Soil, or Hydrology	signif	icantly disturb	ed?	Are "Normal Circum	stances" pr	esent? Ye	s <u>x</u>	No
Are Vegetation, Soil, or Hydrology	natur	ally problema	tic?	(If needed, explain a	any answers	s in Remar	ks.)	
SUMMARY OF FINDINGS – Attach site map s	showing sa	mpling poi	nt location	s, transects, imp	ortant fea	itures, et	c.	
Hydrophytic Vegetation Present? Yes	No x			_				
Hydric Soil Present? Yes	No x		he Sampled nin a Wetlan	Y	es	No	x	
Wetland Hydrology Present? Yes	No x		iii a wetan	u:				
Remarks: Paired sample point for feature #P13. VEGETATION – Use scientific names of plan	ts.							
	Absolute	Dominant	Indicator	Dominance Tes	workshee	t:		
Tree Stratum (Plot size:) 1.	% Cover	Species?	Status	Number of Domir				(4)
	- :			That Are OBL, FA	•	C:	1	(A)
3.				Total Number of Species Across A			1	(D)
4.				Percent of Domir				(B)
		= Total Cove	er	That Are OBL, FA	ACW, or FA	C:	100	(A/B)
Sapling/Shrub Stratum (Plot size:) ———							
1. Rhus integrifolia	5	Υ	UPL	Prevalence Inde	x workshe	et:		
2. Artemisia califiornica	5	Y	UPL	Total % Cove	er of:	Mul	tiply by:	
3. Eriogonum fasciculatum	5	Y	UPL	OBL species	0	x 1 =	0	_
4				FACW species	0	x 2 =	0	_
5				FAC species	72	x 3 =	216	_
	15	= Total Cove	er	FACU species	3	x 4 =	12	_
Herb Stratum (Plot size:)				UPL species	18	x 5 =	90	
1. Festuca perennis	70	Y	FAC	Column Totals:	93	(A)	318	(B)
2. Erodium botrys	2	N	FACU	Prevalend	ce Index = B	A = 3.4		_
3. Avena sp.	- - 2 1	N	UPL	Livelrophytic Vo	nototion Inc	diantara.		
Hordeum marinum Deinandra fasciculata	- - '	N	FACU	Hydrophytic Ve	_			
6. Logfia gallica	<u>'</u> 1	N	UPL		e Test is >50 e Index is ≤3			
7. Hordeum intercedens	_ <u>- </u>	N	FAC		ical Adaptat		ride sunn	orting
8.	- 				Remarks or			
	78	= Total Cov	/er	Problemati	c Hydrophy	tic Vegetat	ion¹ (Exp	olain)
Woody Vine Stratum (Plot size:					,		(,
1.				¹ Indicators of hy	dric soil and	d wetland h	ydrology	must
2.				be present, unle	ss disturbe	d or proble	matic.	
	93	= Total Cove	er	Hydrophytic				
% Bare Ground in Herb Stratum22	over of Biotic	Crust		Vegetation Present?	Yes	1	No_X	
Remarks: The sample area does not support a predo	minance of h	ydrophytic ve	getation.					

SOIL Sampling Point: P13-UPL

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches) 0-18	Color (moist) 10YR 3/2	%	Col	or (moist)	%	Type			•		Remai	'ks	
0-18	10YR 3/2					Type ¹	Loc ²	Textur	<u>e</u>				
		100	_					sandy cla	y no i	edox			
,													
Tuno: C-Con	centration, D=Deple	tion PM_Pod	duood Mote	iv CS_Cov	orod or Coot	od Cond Crain	. 2	Location: PL=	Poro Lining	PC-Pos	t Channal	NA_Natrix	
	Indicators: (App						J.		ors for Pro				-
-		ilicable to al	II LNNS,								-	Julia .	
Histosol	` '				y Redox (S	,			n Muck (As	, ,	,		
	oipedon (A2)				oed Matrix (` '			n Muck (A		(B)		
Black His					ny Mucky M				luced Verti				
	en Sulfide (A4)	D O \			ny Gleyed N				Parent Ma	,	•		
	Layers (A5) (LR	R C)			eted Matrix	` '		Oth	er (Explain	in Rem	arks)		
	ick (A9) (LRR D)				x Dark Sur	` ,							
	d Below Dark Sur	face (A11)				Surface (F7)		21 11 .					
	ark Surface (A12)				x Depressi				ors of hydro		_		
	Mucky Mineral (S1			Verna	al Pools (F9	9)			and hydrol			ent,	
	Gleyed Matrix (S4))						unle	ss disturbe	d or pro	blematic.		
Sandy G													
	_ayer (if present)):											
	_ayer (if present)	:											
Restrictive L Type: Depth (inch			ed.					Hydric Soil	Present?	Yes		No_	Х
Restrictive L Type: Depth (inche) Remarks: No	nes):o hydric soil indica	ators observe	ed.										
Restrictive L Type: Depth (inch Remarks: No	nes): o hydric soil indica GY drology Indicato	ators observe							Secondary	/ Indica	tors (2 or	more re	
Restrictive L Type: Depth (inch Remarks: No	nes): o hydric soil indica SY drology Indicato cators (minimum	ators observe							Secondary Water I	/ Indica Marks (E	tors (2 or	more re	quire
Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hy Primary Indic Surface	o hydric soil indica SY drology Indicator cators (minimum water (A1)	ators observe		Salt C	rust (B11)				Secondary Water I	<u>r Indica</u> Marks (E	tors (2 or 31) (River posits (B2)	more reine)	quire
Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hy Primary Indic Surface	nes): o hydric soil indica SY drology Indicato cators (minimum	ators observe		Salt C)			Secondary Water I	<u>r Indica</u> Marks (E	tors (2 or	more reine)	quire
Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hy Primary Indic Surface	hes): b hydric soil indicate GY drology Indicate cators (minimum Water (A1) ater Table (A2)	ators observe		Salt C Biotic	rust (B11)				Secondary Water I Sedime	/ Indica Marks (E ent Depo eposits (I	tors (2 or 31) (River posits (B2)	more re rine) (Riverin	quire
Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hy Primary India Surface High Wa Saturatio	hes): b hydric soil indicate GY drology Indicate cators (minimum Water (A1) ater Table (A2)	etors observe ors: of one requir		Salt C Biotic Aquati	rust (B11) Crust (B12) c Invertebr				Secondary Water I Sedime Drift De	r Indicat Marks (E ent Depo eposits (I ge Patte	tors (2 or 81) (River osits (B2) B3) (River	more retine) (Riverine)	quire
Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hy Primary India Surface High Wa Saturatic Water M	hes):	entors observe ors: of one require	red; chec - - -	Salt C Biotic Aquati Hydro	rust (B11) Crust (B12) c Invertebra gen Sulfide	ates (B13)	Living Ro	<u>\$</u>	Secondary Water I Sedime Drift De Drainae Dry-Se	r Indicat Marks (E ent Depo eposits (I ge Patte ason Wa	tors (2 or 31) (River osits (B2) B3) (River rns (B10)	more retine) (Riverine)	quire
Primary India Surface High Water M Sedimer	o hydric soil indica by drology Indicato cators (minimum Water (A1) ater Table (A2) on (A3) flarks (B1) (Nonrin	etors observe ors: of one require verine)	red; chec - - -	Salt C Biotic Aquati Hydro	rust (B11) Crust (B12) c Invertebra gen Sulfide ed Rhizosp	ates (B13) Odor (C1)	_	<u>\$</u>	Secondary Water I Sedime Drift De Drainae Dry-Se	r Indicat Marks (E ent Depo eposits (I ge Patte ason Wa	tors (2 or 31) (River sits (B2) B3) (River rns (B10) ater Table ace (C7)	more retine) (Riverine)	quire
Primary India Surface High Water M Sedimer Drift Dep	o hydric soil indicated by the drology Indicated cators (minimum water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrint Deposits ors observe ors: of one require verine)	red; chec - - -	Salt C Biotic Aquati Hydro Oxidiz Prese	rust (B11) Crust (B12) c Invertebra gen Sulfide ed Rhizosp nce of Redi	ates (B13) Odor (C1) Oheres along uced Iron (C	4)		Secondary Water I Sedime Drift De Drainag Dry-Se Thin Me	v Indicat Marks (E ent Depo eposits (I ge Patte ason Wa uck Surf h Burrov	tors (2 or 31) (River sits (B2) B3) (River rns (B10) ater Table ace (C7)	more reine) (Riverine) rine)	equire	
Primary Indice Saturatice Water M Saturatice Water M Sedimer Drift Dep Surface Surface High Water M Sedimer Drift Dep Surface	hes):	ors: of one require verine) Nonriverine iverine)	red; chec - - - - - 2)	Salt C Biotic Aquati Hydro Oxidiz Presel Recen	rust (B11) Crust (B12) c Invertebringen Sulfider ed Rhizospince of Reduttion	ates (B13) Odor (C1) Oheres along uced Iron (Couction in Tille	4)		Secondary Water I Sedime Drift De Drainae Dry-Se Thin Me Crayfis Saturat	r Indicate Marks (E ent Deposits (I ge Patte ason Wa uck Surf h Burrov ion Visit	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) olle on Ae	more reine) (Riverine) rine)	equire
Primary Indices Saturation Water M Sedimer Drift Dep Surface High Water M Sedimer Drift Dep Surface Inundation	drology Indicate cators (minimum water (A1) ater Table (A2) on (A3) darks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrins Soil Cracks (B6) on Visible on Aeri	ors: of one require verine) Nonriverine iverine)	red; chec - - - - - 2)	Salt C Biotic Aquati Hydro Oxidiz Preser Recen Thin M	rust (B11) Crust (B12) c Invertebringen Sulfide ed Rhizospince of Redu t Iron Redu fuck Surface	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4)		Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov	v Indicar Marks (E ent Deposits (I ge Patte ason Wa uck Surf h Burrov ion Visik v Aquitar	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae rd (D3)	more reine) (Riverine) rine)	equire
Primary Indice Saturatice Water M Sedimer Drift Dep Surface High Wa Saturatice Water M Sedimer Drift Dep Surface Inundatic Water-S	o hydric soil indicated by the drology Indicated cators (minimum Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrins Soil Cracks (B6) on Visible on Aeristained Leaves (B	ors: of one require verine) Nonriverine iverine)	red; chec - - - - - 2)	Salt C Biotic Aquati Hydro Oxidiz Preser Recen Thin M	rust (B11) Crust (B12) c Invertebringen Sulfider ed Rhizospince of Reduttion	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4)		Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov	r Indicate Marks (E ent Deposits (I ge Patte ason Wa uck Surf h Burrov ion Visit	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae rd (D3)	more reine) (Riverine) rine)	equire
Primary Indices Saturation Water M Sedimer Drift Dep Surface Inundation Water-Selection Services Selection Services Surface Inundation Selection Services Surface Inundation Selection Services Surface Inundation Selection Services Surface Inundation Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Services Selection Selection Services Selection Selec	o hydric soil indicated by the drology Indicated cators (minimum Water (A1) arter Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrins Soil Cracks (B6) on Visible on Aeristained Leaves (Bayations:	verine) Nonriverine iverine) al Imagery (red; chec	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M	rust (B11) Crust (B12) c Invertebra gen Sulfide ed Rhizosp nce of Reda t Iron Reda fuck Surfac (Explain in	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4)		Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov	v Indicar Marks (E ent Deposits (I ge Patte ason Wa uck Surf h Burrov ion Visik v Aquitar	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae rd (D3)	more reine) (Riverine) rine)	equire
Primary Indices Surface High Was Saturatice Vater M Sedimer Drift Dep Surface Inundatic Water-S Gurface Water-S Gurface Water-S	by hydric soil indicated and soil cators (minimum of the cators (min	entors observed prs: of one require Nonriverine iverine) ial Imagery (19) Yes	red; chec	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M Other	rust (B11) Crust (B12) c Invertebringen Sulfide ed Rhizospince of Redu tt Iron Redu fluck Surfact (Explain in	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4)		Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov	v Indicar Marks (E ent Deposits (I ge Patte ason Wa uck Surf h Burrov ion Visik v Aquitar	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae rd (D3)	more reine) (Riverine) rine)	equire
Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hy Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundatio Water-S Gurface Water Vater Table	hes):	verine) Nonriverine iverine) fal Imagery (9) Yes Yes	red; chec	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M Other Depth (Depth (rust (B11) Crust (B12) c Invertebringen Sulfide ed Rhizospince of Redu tit Iron Redu fluck Surfact (Explain in inches): inches):	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4) d Soils (C	ots (C3)	Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov FAC-N	r Indicar Marks (E ent Depo eposits (I ge Patte ason Wa uck Surf h Burrov ion Visik v Aquital eutral Te	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae rd (D3) est (D5)	more reine) (Riverine) e (C2)	quire
Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hy Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundatio Water-S Gurface Water Vater Table	o hydric soil indicated by the cators (minimum of the cators (minimu	entors observed prs: of one require Nonriverine iverine) ial Imagery (19) Yes	red; chec	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M Other Depth (Depth (rust (B11) Crust (B12) c Invertebringen Sulfide ed Rhizospince of Redu tt Iron Redu fluck Surfact (Explain in	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4) d Soils (C		Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov FAC-N	r Indicar Marks (E ent Depo eposits (I ge Patte ason Wa uck Surf h Burrov ion Visik v Aquital eutral Te	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae rd (D3)	more reine) (Riverine) e (C2)	quire
Restrictive L Type: Depth (inch Remarks: No IYDROLOG Wetland Hy Primary Indio Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundatio Water-S Field Observ	o hydric soil indicated by the drology Indicated cators (minimum Water (A1) arter Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrins Soil Cracks (B6) on Visible on Aeristained Leaves (Bayations:	verine) Nonriverine iverine) al Imagery (red; chec	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M	rust (B11) Crust (B12) c Invertebra gen Sulfide ed Rhizosp nce of Reda t Iron Reda fuck Surfac (Explain in	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4)		Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov	v Indicar Marks (E ent Deposits (I ge Patte ason Wa uck Surf h Burrov ion Visik v Aquitar	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae rd (D3)	more reine) (Riverine) rine)	equire
Restrictive L Type: Depth (inch Remarks: No IYDROLOG Wetland Hy Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundatio Water-S Field Observ Surface Water Water Table	hes):	verine) Nonriverine iverine) fal Imagery (9) Yes Yes	red; chec	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M Other Depth (Depth (rust (B11) Crust (B12) c Invertebringen Sulfide ed Rhizospince of Redu tit Iron Redu fluck Surfact (Explain in inches): inches):	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4) d Soils (C	ots (C3)	Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov FAC-N	r Indicar Marks (E ent Depo eposits (I ge Patte ason Wa uck Surf h Burrov ion Visik v Aquital eutral Te	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae rd (D3) est (D5)	more reine) (Riverine) e (C2)	quire
Restrictive L Type: Depth (inch Remarks: No IYDROLOG Wetland Hy Primary Indic Surface High Wa Saturatic Water M Sedimer Drift Dep Surface Inundatic Water-S	o hydric soil indicated by the drology Indicated cators (minimum Water (A1) arter Table (A2) on (A3) Marks (B1) (Nonrint Deposits (B2) (posits (B3) (Nonrins Soil Cracks (B6) on Visible on Aeristained Leaves (Bayations:	verine) Nonriverine iverine) al Imagery (red; chec	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M	rust (B11) Crust (B12) c Invertebra gen Sulfide ed Rhizosp nce of Reda t Iron Reda fuck Surfac (Explain in	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4)		Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov	v Indicar Marks (E ent Deposits (I ge Patte ason Wa uck Surf h Burrov ion Visik v Aquitar	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae rd (D3)	more reine) (Riverine) rine)	equire
Restrictive L Type: Depth (inch Remarks: No IYDROLOG Wetland Hy Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundatio Water-S Field Observ Surface Water	by hydric soil indicated and soil cators (minimum of the cators (min	entors observed prs: of one require Nonriverine iverine) ial Imagery (19) Yes	red; chec	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M Other	rust (B11) Crust (B12) c Invertebringen Sulfide ed Rhizospince of Redu tt Iron Redu fluck Surfact (Explain in	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4)		Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov	v Indicar Marks (E ent Deposits (I ge Patte ason Wa uck Surf h Burrov ion Visik v Aquitar	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae rd (D3)	more reine) (Riverine) rine)	equire
Restrictive L Type: Depth (inch Remarks: No YDROLOG Wetland Hy Primary Indic Surface High Wa Saturatio Water M Sedimer Drift Dep Surface Inundatio Water-S Field Observ Surface Water Vater Table I Saturation Pr	o hydric soil indicated by the cators (minimum of the cators (minimu	verine) Nonriverine iverine) fal Imagery (9) Yes Yes	red; chec	Salt C Biotic Aquati Hydro Oxidiz Presel Recen Thin M Other Depth (Depth (rust (B11) Crust (B12) c Invertebringen Sulfide ed Rhizospince of Redu tit Iron Redu fluck Surfact (Explain in inches): inches):	ates (B13) c Odor (C1) cheres along uced Iron (Couction in Tille ce (C7)	4) d Soils (C	ots (C3)	Secondary Water I Sedime Drift De Drainae Dry-Se Thin M Crayfis Saturat Shallov FAC-N	r Indicar Marks (E ent Depo eposits (I ge Patte ason Wa uck Surf h Burrov ion Visik v Aquital eutral Te	tors (2 or B1) (River posits (B2) B3) (River rns (B10) ater Table ace (C7) vs (C8) ole on Ae rd (D3) est (D5)	more reine) (Riverine) e (C2)	quire

2. Total Number of Dominant Species Across All Strata: 2 (B	Project/Site: Southwest Village Specific Plan	Project		City/County	r: San Dieg	0	San	npling Date	: <u>6/15/</u> 2	23
Local relief (concave, convex, none): none	Applicant/Owner: Tri Point Homes					State:	CA San	npling Poin	t: VPHO	CP1223-U
Submergion (LRR): C	Investigator(s): Andrew Smisek			Section, T	ownship, R	ange: Section 31,	T18S R01W	/		
Are dimate: Huerhuero loam, 2-9% slopes Are dimate: /hydrologic conditions on the site typical for this time of year? Yes x No (If no, explain in Remarks.) Are Vegetation Soil or Hydrology significantly disturbed? Are "Nomaticinumstances" present? Yes x No Are Vegetation Soil or Hydrology inaturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No x Is the Sampled Area within a Wetland? Five Superaction Present? Yes No x Wetland Hydrology Present? Yes No x Yes No x Yes No x Yes No x Yes No x Yes No x Yes No X Yes	Landform (hillslope, terrace, etc.): mesa			Local relie	f (concave,	convex, none): none	ne	Slo	pe (%):	2
Are Climatic / hydrologic conditions on the site typical for this time of year? YesxNo	Subregion (LRR): C		Lat: 3	2.55352		Long: <u>-117.0228</u> ()	Datu	ım: <u>NA</u> E)83
Are Vegetation Soil or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes x No Are Vegetation Soil or Hydrology naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS — Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No x Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x No x No x No x No x No x No x No	Soil Map Unit Name: Huerhuero loam, 2-9%	slopes				NWI class	sification: n	one		
Are Vegetation Soil or Hydrology naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No X Hydric Soil Present? Yes No X Wetland Hydrology Present? Yes No X Wetland Hydrology Present? Yes No X Wetland Hydrology Present? Yes No X Wetland Hydrology Present? Yes No X Wetland Hydrology Present? Yes No X Wetland Hydrology Present? Yes No X Wetland Hydrology Present? Yes No X Wetland Hydrology Present? Yes No X Wetland Problematic Present Present Problematic Present Pres	Are climatic / hydrologic conditions on the site	typical for this t	ime of	year? Yes _	x No	o(If no, exp	olain in Rem	arks.)		
SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland? **VEGETATION – Use scientific names of plants.** **VEGETATION – Use scientific names of plants.** **Tree Stratum** **In Indicator** Tree Stratum** (Plot size:)	Are Vegetation, Soil, or Hyd	drology	signific	antly disturbe	d?	Are "Normal Circum	stances" pr	esent? Ye	s <u>x</u>	No
Hydrophytic Vegetation Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland Hydrology Present? Yes No x Wetland? Yes No x Yes No x Wetland? Yes No x Yes No x Wetland? Yes No x Yes No x Wetland? Yes No x Yes No x Yes No x Yes No x Yes No x Yes No x Yes No	Are Vegetation, Soil, or Hyd	drology	natura	lly problemation	?	(If needed, explain a	any answers	s in Remark	ĸs.)	
Hydric Soil Present? Yes	SUMMARY OF FINDINGS – Attach sit	e map showir	ng san	npling point	locations	s, transects, imp	ortant fea	tures, etc) .	
Wetland Hydrology Present? Yes	Hydrophytic Vegetation Present? Yes	s No	х							
VEGETATION - Use scientific names of plants. Tree Stratum (Plot size:) Absolute Species? Status Species? Status Species? Status Species? Status Species? Status Species? Status Species? Status Species? Status Species? Status Species? Status Species? Status Species Arc Status Species	Hydric Soil Present? Yes	s No	х		•	Y	es	No 2	Κ.	
VEGETATION - Use scientific names of plants. Tree Stratum (Plot size:)	Wetland Hydrology Present? Yes	s No	Х	Within	i a vveliaii	ur				
Tree Stratum										
Number of Dominant Species	VEGETATION - Use scientific fiames	-	olute	Dominant	Indicator	Dominance Test	workshee	f-		
2.						Number of Domir	nant Species	5	1	(A)
## Sapling/Shrub Stratum (Plot size:) Sapling/Shrub Stratum (Plot size:) Frevalence Index worksheet: Total % Cover of: Multiply by: Total % Cover of: Total % Cover of: Total % Cover of: Total % Cover of: Total % Cover of: Total % Cover of: Total % Cover of: Total % Cover of: Total % Cover of: Total % Cover of: Total % Cover of: Total % Cover of: Total % Cover of: Total % Cover of: Total % Cover of: Total Cover	3								2	(B)
Sapling/Shrub Stratum (Plot size:) 1.						Percent of Domin	ant Species			(A/B)
1.	Sapling/Shrub Stratum (Plot size:	, —		= Total Cover		That Are OBL, FA	ACVV, OI FA	O	_ 50	(A/D)
OBL species O x 1 = O						Prevalence Inde	x workshee	et:		
4.	2					Total % Cove	er of:	Mult	iply by:	
FAC species 50	3.					OBL species	0	x 1 =	0	_
Herb Stratum (Plot size:	4					· -		· —		
Herb Stratum (Plot size:)	5					_ · _		-		
1. Avena sp 40 Y UPL UPL Column Totals: 100 (A) 390 (B) 2. Bromus diandrus 9 N FACU Prevalence Index = B/A = 3.9 Prevalence Index = B/A = 3.9 Texture Index is ≤ 3.0				= Total Cover		· -		· —		_
2. Bromus diandrus 3. Festuca perennis 50 Y FAC 4. Deinandra fasciculata 50 Y FAC 5. Dominance Test is >50% 6. Prevalence Index is ≤3.0¹ 7. Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) 8. Dominance Test is >50% 9 Prevalence Index is ≤3.0¹ 100 = Total Cover 100 = Total Cover 1100 = Total Cover 9 Problematic Hydrophytic Vegetation¹ (Explain) 11 Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 100 = Total Cover 9 Hydrophytic Vegetation 100 Present? Yes No x)				· -				
3. Festuca perennis 4. Deinandra fasciculata 5.						Column Lotals:	100	(A)	390	(B)
4. Deinandra fasciculata 4. Deinandra fasciculata 5. Dominance Test is >50% 6. Prevalence Index is ≤3.0¹ Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) 8. Dominance Test is >50% Prevalence Index is ≤3.0¹ Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) 1. Problematic Hydrophytic Vegetation¹ (Explain) 1. Problematic Hydrophytic vegetation¹ (Explain) 1. Problematic Hydrophytic vegetation¹ (Explain) 1. Problematic Hydrophytic vegetation hidicators: 1. Provide supporting data in Remarks or on a separate sheet) 1. Problematic Hydrophytic vegetation¹ (Explain) 1. Problematic Hydrophytic vegetation hydrology must be present, unless disturbed or problematic. 1. Problematic Hydrophytic vegetation 1. Present? Yes No x						Prevalenc	ce Index = B	/A = <u>3.9</u>		
Dominance Test is >50% Prevalence Index is ≤3.0¹ Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) Moody Vine Stratum (Plot size:) 1.						I badaa abadia Mad		lia atawa		
6			<1	IN	FACU					
7										
100 = Total Cover Problematic Hydrophytic Vegetation¹ (Explain) 1.	7.					Morphologi	ical Adaptat	ions¹ (Prov		
1	8.		00	= Total Cove	r			•		,
2	1)				¹ Indicators of by	dric soil and	l wetland h	vdrolog	v must
### Total Cover Hydrophytic Vegetation Present? Yes No x										,
% Bare Ground in Herb Stratum % Cover of Biotic Crust Present? Yes Nox			00	= Total Cover						
Remarks: The sample area does not support a predominance of hydrophytic vegetation.	% Bare Ground in Herb Stratum	% Cover of	Biotic (Crust			Yes	N	10 <u>x</u>	
	Remarks: The sample area does not support	t a predominanc	e of hyd	drophytic vege	etation.					

SOIL Sampling Point: <u>VPHCP1223-U</u>

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		ŀ	Redox Featu	res		_				
(inches)	Color (moist)	(Color (moist)	%	Type ¹	Loc ²	Texture		Rem	arks	
0-14	10YR 4/2	100					sandy clay				
							_				
¹ Type: C=Co	ncentration, D=Depletion	n, RM=Reduced M	latrix, CS=Cove	red or Coated	Sand Grains	S. ²	Location: PL=P	ore Lining, R	C=Root Channe	el, M=Matrix	-
Hydric Soil	Indicators: (Applic	able to all LRR	s, unless oth	erwise note	d.)		Indicator	s for Probl	ematic Hydri	c Soils³:	
Histoso	I (A1)		Sandy	Redox (S5)			1 cm	Muck (A9)	(LRR C)		
	pipedon (A2)			ed Matrix (Sé	6)			Muck (A10)			
	listic (A3)			/ Mucky Mine	,			ced Vertic (
	en Sulfide (A4)			Gleyed Mat				Parent Mate			
	d Layers (A5) (LRR (C)		ted Matrix (F				(Explain in			
	uck (A9) (LRR D)	-,		Dark Surfac	,			(,		
	d Below Dark Surfac	e (A11)		ted Dark Sur	` ,						
	ark Surface (A12)	- (* * * * *)		Depression			3Indicators	s of hydropl	nytic vegetation	on and	
	Mucky Mineral (S1)			Pools (F9)	- ()				must be pre		
	Gleyed Matrix (S4)								or problemati		
							1		, p		
	Layer (if present):										
Type: sh	ovel refusal										
Depth (inc	hes): 14						Hydric Soil P	resent?	Yes	No	Х
HYDROLO(
Wetland Hy	ydrology Indicators	:					<u>Se</u>	condary Ir	ndicators (2	or more re	quired)
Primary Ind	icators (minimum of	one required; ch	eck all that ap	ply)				_Water Ma	rks (B1) (Riv	erine)	
Surface	Water (A1)		Salt Cri	ust (B11)				Sediment	Deposits (B2) (Riverine	e)
High W	ater Table (A2)		Biotic C	Crust (B12)				Drift Depo	sits (B3) (Riv	erine)	
Saturat	ion (A3)		Aquatio	Invertebrate	es (B13)			Drainage	Patterns (B1	0)	
Water N	Marks (B1) (Nonriver	rine)	 Hvdroa	en Sulfide O	dor (C1)		_	_	on Water Tab		
	ent Deposits (B2) (No			d Rhizosphe		Livina Ro	ots (C3)	_	k Surface (C7		
	eposits (B3) (Nonrive			ce of Reduce	_	_		_	Burrows (C8)	,	
	e Soil Cracks (B6)	ille)		Iron Reducti	,	,	<u> </u>	_	Nisible on A	orial Image	nr. (C0)
		I (DZ)				u Solis (Ci		_		enai image	ery (C9)
	tion Visible on Aerial	imagery (B7)		uck Surface (. ,		_	_	quitard (D3)		
Water-S	Stained Leaves (B9)		Other (Explain in Re	emarks)			_FAC-Neu	tral Test (D5)		
Field Obser	vations:										
Surface Wat	ter Present?	'es No	Depth (ir	nches):							
Water Table		'es No	Depth (ir	nches):							
Saturation P		'es No				— Wetla	and Hydrolog	v Present?	Yes	No	x
	pillary fringe)	110	Bopui (ii	iorico).		_ '''	and my anolog	y 1 1000iii.	100		
	corded Data (stream	gauge, monitorir	ng well, aerial	photos, previ	ious inspe	ctions), if	available:				
	,	3 3,	3 , ,	,,,		-,,					
Remarks: No	wetland hydrology is	ndicators observ	red.								

Project/Site: Southwest Village Speci	iic i iaii i iojeci		Oity/Oour	nty: San Dieg	0		npling Date	. 0/21/2	23
Applicant/Owner: Tri Point Homes					State:	CA San	npling Point	: VPHC	CP1778-l
Investigator(s): Andrew Smisek			Section,	Township, F	Range: Section 31,	T18S R01V	V		
Landform (hillslope, terrace, etc.): me	sa		Local re	lief (concave	, convex, none): <u>no</u>	ne	Slo	pe (%):	0
Subregion (LRR): <u>C</u>		Lat:	32.55		Long: <u>-117.02</u>		Datu	m: <u>NAD</u>	083
Soil Map Unit Name: Huerhuero loar	n, 2-9% slopes				NWI clas	sification: n	one		
Are climatic / hydrologic conditions on	the site typical	for this time o	f year? Yes	x N	o(If no, ex	plain in Rem	narks.)		
Are Vegetation, Soil	, or Hydrology	signif	icantly disturb	ed?	Are "Normal Circun	nstances" pr	esent? Yes	s <u>x</u>	No
Are Vegetation, Soil	, or Hydrology	natur	ally problema	tic?	(If needed, explain	any answers	s in Remark	s.)	
SUMMARY OF FINDINGS – Atta	ach site map	showing sa	mpling poi	nt location	s, transects, imp	ortant fea	tures, etc	: .	
Hydrophytic Vegetation Present?	Yes	No x	1- 41	0 1 - 1	A				
Hydric Soil Present?	Yes	No x		ne Sampled nin a Wetlan	Y	es	No>	<u> </u>	
Wetland Hydrology Present?	Yes	No x		iii a wellan	u:				
VEGETATION – Use scientific r	names of plar		Dominant	Indicator	Dominance Too	t workshoo	4.		
Tree Stratum (Plot size:1.)	Absolute % Cover	Dominant Species?	Indicator Status	Number of Domi That Are OBL, F.	nant Specie	S	0	(A)
23.					Total Number of Species Across			2	(B)
4.					Percent of Domir			0	(
		-	= Total Cove	er	That Are OBL, F.	ACW, or FA	U:	0	(A/B)
Sapling/Shrub Stratum (Plot size: _)							
1.			. ———		Prevalence Inde			بيطييات	
2.					Total % Cov	0	x 1 =	ply by: 0	
3. 4.					FACW species	0	x 2 =	0	_
5.			· 		FAC species	1	x 3 =	3	
·			= Total Cove	er	FACU species	55	x 4 =	120	_
Herb Stratum (Plot size:)			··	UPL species	39	x 5 =	195	
1. Hordeum murinum		55	Υ	FACU	Column Totals:	95	(A)	318	(B)
2. Avena barbata		39	Υ	UPL	Prevalen	ce Index = B	/A = 3.3		
3. Festuca perennis		_ 1	N	FAC	Trevalen	oc macx = D	// (<u>0.0</u>		_
4. Croton setiger		5	N	NI	Hydrophytic Ve	getation Inc	dicators:		
5					Dominance	e Test is >50	0%		
6						e Index is ≤3			
7.			. ———		<u> </u>	jical Adaptat Remarks or	,		
8		100	Tatal Car				•		,
Woody Vine Stratum (Plot size:		100	= Total Cov	/ei	Problemat	ic Hydrophy	tic Vegetati	on' (Exp	plain)
1.		,			¹ Indicators of hy	dric soil and	l wetland h	,drology	, must
2.		_	· 		be present, unle				riiust
		100	= Total Cove	er	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum	0 %(Cover of Biotic	Crust		Present?	Yes	N	lox	
Remarks: The sample area does not	support a predo	minance of h	ydrophytic ve	getation.	_1				
				-					
				-					

SOIL Sampling Point: <u>VPHCP1778-U</u>

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	_		Redox Features		
0.3	Color (moist)	<u>%</u>	Color (moist) % Type	1 Loc ² Tex	ture Remarks
0-3	10YR 4/3	100		loamy	sand
4-6	10YR 4/4	100		sand	
7-18	10YR 3/2	100		sandy	day
7 10	1011(0/2				
				_	
		_			
		<u> </u>			
			Matrix, CS=Covered or Coated Sand G		PL=Pore Lining, RC=Root Channel, M=Matrix.
-		licable to all LR	Rs, unless otherwise noted.)		ators for Problematic Hydric Soils ³ :
Histosol	` '		Sandy Redox (S5)		cm Muck (A9) (LRR C)
	pipedon (A2) listic (A3)		Stripped Matrix (S6) Loamy Mucky Mineral (F1		cm Muck (A10) (LRR B) reduced Vertic (F18)
	en Sulfide (A4)		Loamy Gleyed Matrix (F2		led Parent Material (TF2)
	d Layers (A5) (LR I	R C)	Depleted Matrix (F3)		other (Explain in Remarks)
	uck (A9) (LRR D)		Redox Dark Surface (F6)	<u> </u>	тог (Ехрантит котпатко)
	ed Below Dark Surf	ace (A11)	Depleted Dark Surface (F	7)	
Thick D	ark Surface (A12)		Redox Depressions (F8)	³ Indic	ators of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal Pools (F9)		etland hydrology must be present,
Sandy (Gleyed Matrix (S4)			ur	nless disturbed or problematic.
Restrictive	Layer (if present)	:			
Type:			<u> </u>		
Depth (inc	hes):			Hydric S	oil Present? Yes Nox
IVDDOL O	OV				
		re·			Secondary Indicators (2 or more required)
Wetland Hy	ydrology Indicato		check all that apply)		Secondary Indicators (2 or more required) Water Marks (R1) (Riverine)
Wetland Hy Primary Ind	ydrology Indicato licators (minimum o		check all that apply)		Water Marks (B1) (Riverine)
Wetland Hy Primary Ind Surface	ydrology Indicato licators (minimum o e Water (A1)		Salt Crust (B11)		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
Wetland Hy Primary Ind Surface High W	ydrology Indicato icators (minimum o e Water (A1) ater Table (A2)		Salt Crust (B11) Biotic Crust (B12)		Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Wetland Hy Primary Ind Surface High W Saturati	ydrology Indicato icators (minimum of Water (A1) dater Table (A2) ion (A3)	of one required; o	Salt Crust (B11)Biotic Crust (B12)Aquatic Invertebrates (B13	,	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Wetland Hy Primary Ind Surface High W Saturati Water M	ydrology Indicato licators (minimum of the Water (A1) later Table (A2) lion (A3) Marks (B1) (Nonriv	of one required; o	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13 Hydrogen Sulfide Odor (C	1)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
Primary Ind Surface High W Saturati Water M Sedime	ydrology Indicato dicators (minimum of the Water (A1) dater Table (A2) dion (A3) Marks (B1) (Nonrivent Deposits (B2) (I	of one required; of one	Salt Crust (B11)Biotic Crust (B12)Aquatic Invertebrates (B13	ng Living Roots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Primary Ind Surface High W Saturati Water M Sedime Drift De	ydrology Indicato licators (minimum of the Water (A1) later Table (A2) lion (A3) Marks (B1) (Nonriv	of one required; of one	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C ² Oxidized Rhizospheres alo	ng Living Roots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Primary Ind Surface High W Saturati Water N Sedime Drift De Surface	ydrology Indicato licators (minimum of wwater (A1) later Table (A2) lion (A3) Warks (B1) (Nonrivent Deposits (B2) (I eposits (B3) (Nonri	of one required; of verine) Nonriverine) verine)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C ² Oxidized Rhizospheres ald	ng Living Roots (C3)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat	ydrology Indicato licators (minimum of water (A1) later Table (A2) ion (A3) Marks (B1) (Nonriv ent Deposits (B2) (I eposits (B3) (Nonri es Soil Cracks (B6)	of one required; of one	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C ² Oxidized Rhizospheres ald Presence of Reduced Iron Recent Iron Reduction in T	ong Living Roots (C3) (C4) Filled Soils (C6)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9)
Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat	ydrology Indicato licators (minimum of wwater (A1) dater Table (A2) ion (A3) Marks (B1) (Nonrivent Deposits (B2) (I eposits (B3) (Nonrivent Castella (B6) tion Visible on Aeri Stained Leaves (B6)	of one required; of one	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C ² Oxidized Rhizospheres ald Presence of Reduced Iron Recent Iron Reduction in T Thin Muck Surface (C7)	ong Living Roots (C3) (C4) Filled Soils (C6)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
Primary Ind Surface High W Saturati Water M Sedime Drift De Surface Inundat Water-S	ydrology Indicato licators (minimum of w Water (A1) dater Table (A2) ion (A3) Marks (B1) (Nonrivent Deposits (B2) (I eposits (B3) (Nonrivent Castella (B6) date of the Castella (B6) tion Visible on Aeri Stained Leaves (B6)	verine) Nonriverine) verine) al Imagery (B7)	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C ² Oxidized Rhizospheres ald Presence of Reduced Iron Recent Iron Reduction in T Thin Muck Surface (C7)	ong Living Roots (C3) (C4) Filled Soils (C6)	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3)
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Primary Ind Surface High W Saturati Water M Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cap	ydrology Indicato licators (minimum of water (A1) later Table (A2) lion (A3) Marks (B1) (Nonriv ent Deposits (B2) (I eposits (B3) (Nonri e Soil Cracks (B6) lion Visible on Aeri Stained Leaves (B6) lervations: ler Present? Present? Present? pillary fringe)	verine) Nonriverine) verine) al Imagery (B7) 9) Yes N Yes N Yes N	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C ² Oxidized Rhizospheres ald Presence of Reduced Iron Recent Iron Reduction in T Thin Muck Surface (C7) Other (Explain in Remarks) Depth (inches): Depth (inches):	ong Living Roots (C3) (C4) Tilled Soils (C6) Wetland Hydro	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Primary Ind Surface High W Saturati Water M Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cap	ydrology Indicato licators (minimum of water (A1) later Table (A2) lion (A3) Marks (B1) (Nonriv ent Deposits (B2) (I eposits (B3) (Nonri e Soil Cracks (B6) lion Visible on Aeri Stained Leaves (B6) lervations: ler Present? Present? Present? pillary fringe)	verine) Nonriverine) verine) al Imagery (B7) 9) Yes N Yes N Yes N	Salt Crust (B11) Biotic Crust (B12) Aquatic Invertebrates (B13) Hydrogen Sulfide Odor (C'Oxidized Rhizospheres ald Presence of Reduced Iron Recent Iron Reduction in Thin Muck Surface (C7) Other (Explain in Remarks Depth (inches): Depth (inches):	ong Living Roots (C3) (C4) Tilled Soils (C6) Wetland Hydro	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Wetland Hy Primary Ind Surface High W Saturati Water M Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cap	ydrology Indicatory (minimum of the Water (A1) (A2) (A3) (Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Deposits (B3) (Nonrivent Deposits (B6) (N	verine) Nonriverine) verine) al Imagery (B7) 9) Yes N Yes N Yes N Tes N Tes N Tes N Tes N Tes N Tes N Tes N Tes N	Salt Crust (B11)Biotic Crust (B12)Aquatic Invertebrates (B13Hydrogen Sulfide Odor (C'Oxidized Rhizospheres aldPresence of Reduced IronRecent Iron Reduction in TThin Muck Surface (C7)Other (Explain in Remarks) oDepth (inches): oDepth (inches): oDepth (inches): oDepth (inches):	ong Living Roots (C3) (C4) Tilled Soils (C6) Wetland Hydro	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)
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Wetland Hy Primary Ind Surface High W Saturati Water M Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cap	ydrology Indicatory (minimum of the Water (A1) (A2) (A3) (Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Deposits (B3) (Nonrivent Deposits (B6) (N	verine) Nonriverine) verine) al Imagery (B7) 9) Yes N Yes N Yes N Tes N Tes N Tes N Tes N Tes N Tes N Tes N Tes N	Salt Crust (B11)Biotic Crust (B12)Aquatic Invertebrates (B13Hydrogen Sulfide Odor (C'Oxidized Rhizospheres aldPresence of Reduced IronRecent Iron Reduction in TThin Muck Surface (C7)Other (Explain in Remarks) oDepth (inches): oDepth (inches): oDepth (inches): oDepth (inches):	ong Living Roots (C3) (C4) Tilled Soils (C6) Wetland Hydro	Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) FAC-Neutral Test (D5)

Project/Site: Southwest Village Specific Plan Project		City/Count	ty: San Dieg	0	Sampling Date: 5/10/23
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point: VPHCP136-U
Investigator(s): Andrew Smisek		Section,	Township, R	Range: Section 31, T18S F	R01W
Landform (hillslope, terrace, etc.): mesa		Local reli	ef (concave,	, convex, none): none	Slope (%): 0
Subregion (LRR): C	Lat:			· · · · · · · · · · · · · · · · · · ·	Datum: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9 % slopes				NWI classification	on: none
Are climatic / hydrologic conditions on the site typical fo	r this time of	year? Yes	X No	(If no, explain in	Remarks.)
Are Vegetation, Soil, or Hydrology	signif	icantly disturbe	ed?	Are "Normal Circumstance	es" present? Yes x No
Are Vegetation , Soil , or Hydrology				(If needed, explain any ans	swers in Remarks.)
SUMMARY OF FINDINGS – Attach site map si	howing sa	mpling poin	t location	s, transects, importan	t features, etc.
	No	le th	e Sampled	Area	
Hydric Soil Present? Yes			in a Wetlan	Yes	NoX
Wetland Hydrology Present? Yes	No X	_			
VEGETATION – Use scientific names of plant	s. Absolute	Dominant	Indicator	Dominance Test work	shoot
Tree Stratum (Plot size:)		Species?	Status	Number of Dominant Sp	pecies
2				That Are OBL, FACW, of Total Number of Domina	ant
3				Species Across All Strat	(D)
4				Percent of Dominant Sp That Are OBL, FACW, of	
Sapling/Shrub Stratum (Plot size:)		= Total Cove	r		
1. none				Prevalence Index work	rshoot:
2				Total % Cover of:	Multiply by:
3.				OBL species	x 1 =
4.				FACW species	
5.				FAC species	x 3 =
		= Total Cove	r	FACU species	x 4 =
Herb Stratum (Plot size:)				UPL species	x 5 =
1. Festuca perennis	95	Y	FAC	Column Totals:	(A)(B)
2. Erodium botrys	3	N	FACU	Prevalence Inde	x = B/A =
Deinandra fasciculata	2	N	FACU		
4				Hydrophytic Vegetatio	
5				X Dominance Test i	
6. 7.					aptations ¹ (Provide supporting
8				data in Remark	ks or on a separate sheet)
	100	= Total Cov	er	Problematic Hydro	ophytic Vegetation ¹ (Explain)
Woody Vine Stratum (Plot size:)					
1. <u>none</u> 2				¹ Indicators of hydric so be present, unless dist	il and wetland hydrology must urbed or problematic.
	over of Biotic	= Total Cove	r	Hydrophytic Vegetation Present?	es X No
Remarks: The sample area supports a predominance	of hydrophyt	ic vegetation			
F. S. S. S. S. F. S. S. F. S. S. M. Mailes	, spj.	. 3			

1 Type: C=Concent Hydric Soil Indi Histosol (A1) Histic Epiper Black Histic Hydrogen St Stratified Lay 1 cm Muck (Depleted Be	cators: (Applica) don (A2) (A3) ulfide (A4) yers (A5) (LRR C		ed Matrix,	less other		Type ¹	Loc ²	Sandy cla	-	no redox		narks		
¹ Type: C=Concent Hydric Soil Indi Histosol (A1) Histic Epipec Black Histic Hydrogen St Stratified Lay 1 cm Muck (Depleted Be	ration, D=Depletion cators: (Applica) don (A2) (A3) ulfide (A4) yers (A5) (LRR C	, RM=Reduce		less other		Sand Grains		sandy cla	ay <u>I</u>	no redox				
Hydric Soil Indi Histosol (A1) Histic Epiped Black Histic Hydrogen St Stratified Lay 1 cm Muck (Depleted Be	cators: (Applica) don (A2) (A3) ulfide (A4) yers (A5) (LRR C			less other		Sand Grains								
Histosol (A1) Histic Epiped Black Histic Hydrogen Si Stratified Lay 1 cm Muck (Depleted Be	cators: (Applica) don (A2) (A3) ulfide (A4) yers (A5) (LRR C			less other		Sand Grains								
Hydric Soil Indi Histosol (A1) Histic Epiped Black Histic Hydrogen St Stratified Lay 1 cm Muck (Depleted Be	cators: (Applica) don (A2) (A3) ulfide (A4) yers (A5) (LRR C			less other		Sand Grains			 					_
Hydric Soil Indi Histosol (A1) Histic Epiped Black Histic Hydrogen St Stratified Lay 1 cm Muck (Depleted Be	cators: (Applica) don (A2) (A3) ulfide (A4) yers (A5) (LRR C			less other		Sand Grains								_
Hydric Soil Indi Histosol (A1) Histic Epiped Black Histic Hydrogen St Stratified Lay 1 cm Muck (Depleted Be	cators: (Applica) don (A2) (A3) ulfide (A4) yers (A5) (LRR C			less other		Sand Grains								
Hydric Soil Indi Histosol (A1) Histic Epiped Black Histic Hydrogen St Stratified Lay 1 cm Muck (Depleted Be	cators: (Applica) don (A2) (A3) ulfide (A4) yers (A5) (LRR C			less other		Sand Grains								
Hydric Soil Indi Histosol (A1) Histic Epiped Black Histic Hydrogen St Stratified Lay 1 cm Muck (Depleted Be	cators: (Applica) don (A2) (A3) ulfide (A4) yers (A5) (LRR C			less other		Sand Grains								
Hydric Soil Indi Histosol (A1) Histic Epiped Black Histic Hydrogen St Stratified Lay 1 cm Muck (Depleted Be	cators: (Applica) don (A2) (A3) ulfide (A4) yers (A5) (LRR C			less other		Sand Grains								
Hydric Soil Indi Histosol (A1) Histic Epiped Black Histic Hydrogen St Stratified Lay 1 cm Muck (Depleted Be	cators: (Applica) don (A2) (A3) ulfide (A4) yers (A5) (LRR C			less other		Sand Grains								
Hydric Soil Indi Histosol (A1) Histic Epiped Black Histic Hydrogen St Stratified Lay 1 cm Muck (Depleted Be	cators: (Applica) don (A2) (A3) ulfide (A4) yers (A5) (LRR C			less other		Sand Grains								
Histosol (A1) Histic Epipeo Black Histic Hydrogen So Stratified Lay 1 cm Muck (Depleted Be) don (A2) (A3) ulfide (A4) yers (A5) (LRR C	able to all L	RRs, un		wico nota	Jiuiiio.	² L	ocation: PL	=Pore Lin	ing, RC=F	Root Chani	nel, M=N	Matrix.	
Histic Epiped Black Histic Hydrogen St Stratified Lay 1 cm Muck (Depleted Be	don (A2) (A3) ulfide (A4) yers (A5) (LRR C		_	C	wise Hote	d.)		Indicat	ors for	Problem	atic Hyd	ric Soi	ls³:	
Black Histic Hydrogen So Stratified Lay 1 cm Muck (Depleted Be	(A3) ulfide (A4) yers (A5) (LRR C		_	Sandy R	edox (S5)			1 c	m Muck	(A9) (LF	RR C)			
Hydrogen Statified Lay 1 cm Muck (Depleted Be	ulfide (A4) yers (A5) (LRR C				Matrix (S6			2 c	m Muck	(A10) (L	RR B)			
Stratified Lay 1 cm Muck (Depleted Be	yers (A5) (LRR C			Loamy N	Aucky Mine	eral (F1)		Re	duced V	ertic (F1	8)			
1 cm Muck (Depleted Be	, , ,			Loamy C	Sleyed Mat	trix (F2)		Re	d Parent	Materia	l (TF2)			
Depleted Be	۸۵\ (I DD D)	;)			d Matrix (F			Oth	ner (Exp	ain in Re	emarks)			
	A9) (LKK D)			Redox D	ark Surfac	e (F6)								
Third David C	low Dark Surface	e (A11)	_	Depleted	d Dark Sur	face (F7)								
I nick Dark S	Surface (A12)		_		epression	s (F8)					ic vegetat		d	
	y Mineral (S1)		_	Vernal P	ools (F9)				-		nust be pr			
Sandy Gleye	ed Matrix (S4)							unle	ess distu	rbed or p	oroblemat	tic.		
Restrictive Laye	r (if present):													
Type:														
Depth (inches):	:							Hydric So	il Presen	t? \	res .	١	No	Χ
IYDROLOGY														
Wetland Hydrol	ogy Indicators:								Socond	ary Indi	cators (2	or mo	ro ro	irc
Primary Indicato			· chack s	all that annly)						(B1) (Ri			luire
•	,	ine required	, CHECK &								, , ,	,		`
Surface Wat				_Salt Crus	. ,						eposits (B)
High Water	` ,			_Biotic Cru	, ,	- (D40)				•	s (B3) (R i		2)	
Saturation (/	•				vertebrate	. ,				-	tterns (B1		٥١	
	s (B1) (Nonriver			_	Sulfide O			. (00)			Water Ta	•	2)	
	eposits (B2) (Noi	•		_		eres along Liv	/ing Roc	ots (C3)			urface (C			
	s (B3) (Nonrive	rine)		 '		ed Iron (C4)					rows (C8)			
Surface Soil	, ,					on in Tilled S	Soils (C6	5)			isible on <i>i</i>		mage	γ (C
	isible on Aerial I	magery (B7))	_	k Surface	. ,					itard (D3)			
Water-Stain	ed Leaves (B9)			_Other (Ex	plain in Re	emarks)			FAC	:-Neutral	Test (D5	5)		
Field Observation	ons:													
Surface Water Pr	resent? Y	es	No	Depth (incl	nes):									
Water Table Pres				Depth (incl										
Saturation Prese				Depth (incl			Wetla	nd Hydrol	ogy Pre	sent?	Yes	١	No	Χ
includes capillar				-1- (, ,	- 3,				_	
	d Data (stream g	auge, monit	toring we	ell, aerial ph	otos, prev	ious inspecti	ons), if a	vailable:	-	-		-		
emarks: No wet	land hydrology in	dicators obs	served.											

 a		Section,	Township, R	State:state:		oling Point	: VPHC	P420-U
		Section,	Township, R	ange: Section 31,	T18S R01W			
3								
		Local rel	ief (concave,	convex, none): <u>no</u>	ne	Slo	pe (%):	0
	Lat:	32.55686		Long: -117.0184	8	Datu	m: <u>NAD</u>	83
, 2-9% slopes				NWI clas	sification: no	ne		
he site typical for	or this time o	f year? Yes	x No	o(If no, ex	plain in Rema	ırks.)		
or Hydrology	signif	icantly disturb	ed?	Are "Normal Circum	nstances" pre	sent? Yes	<u> </u>	No
or Hydrology	natur	ally problemat	tic?	(If needed, explain a	any answers	in Remark	s.)	
ch site map s	showing sa	mpling poir	nt locations	s, transects, imp	ortant feat	ures, etc		
Yes	No x			_				
-			-	Y	es	No x		
Yes	No x	Witi	iii a wellan	ur				
	Absolute	Dominant	Indicator	Dominance Tes	t worksheet:			
)	% Cover	Species?	Status					
				,	,	:	0	(A)
							4	(D)
		·					1	(B)
	-	= Total Cove			•	:	0	(A/B)
)		- Total Cove	,					
				Prevalence Inde	x worksheet	:		
				Total % Cove	er of:	Multi	oly by:	
				OBL species	0	x 1 =	0	_
				FACW species	0	x 2 =	0	_
				FAC species	0	x 3 =	0	_
		= Total Cove	er			-	360	_
)				_ · -				
				Column Totals:	100	(A)	410	(B)
	-	N	UPL	Prevalend	ce Index = B/A	A = <u>4.1</u>		_
				Hydrophytic Ve	getation Indi	cators:		
					_			
				Prevalence	e Index is ≤3.0	O ¹		
						`		
	100	= Total Cov	er					,
)	1			112	and a second			
	_							must
	100	= Total Cove	er	Hydrophytic				
0 % C	over of Biotic	Crust		Present?	Yes	N	ox	
upport a predo	minance of h	ydrophytic veg	getation.	1				
	ch site typical from thydrology or Hydrology	che site typical for this time of or Hydrology signiful or Hydrology nature. The site map showing sature with the site map showing sature with the site map showing sature with the site map showing sature with the site map showing sature with the site map showing sature with the site map showing sature with the site map showing sature with the site map showing sature with the site map showing sature. The site map showing sature with the site map showing sature with the site map showing sature with the site map showing sature. The site map showing sature with the site map show	the site typical for this time of year? Yes or Hydrology significantly disturb or Hydrology naturally problemate ch site map showing sampling point. Yes No x Yes No x Is the with yes No x with ture #VPHCP420 ames of plants. Absolute Dominant Species? = Total Cove = Total Cove) 90	the site typical for this time of year? Yesx Note of Hydrology significantly disturbed? or Hydrology naturally problematic? Ch site map showing sampling point locations: Yes No x Yes Yes Yes No x Yes Yes Yes Yes No x Yes	he site typical for this time of year? Yes x No (If no, ex or Hydrology significantly disturbed? Are "Normal Circum (If needed, explain a significantly disturbed? (If needed, explain a significantly disturbed? (If needed, explain a significantly disturbed? (If needed, explain a significantly disturbed? (If needed, explain a significantly disturbed? (If needed, explain a significantly problematic? (If needed, explain a significantly disturbed? (If needed, explain a significantly problematic? (If needed, explain a significantly problematic? (If needed, explain a significantly problematic? (If needed, explain a significantly problematic? (If needed, explain a significantly problematic? (If needed, explain a significantly problematic? (If needed, explain a significantly problematic? (If needed, explain a significantly problematic? (If needed, explain a significantly problematic? (If needed, explain a significantly problematic? (If needed, explain a significantly problematic? (If needed, explain a significantly disturbed? (If needed, explain a significantly problematic? (If needed, explain a significantly disturbed? (If needed, explain a si	he site typical for this time of year? Yes x No (If no, explain in Rema or Hydrology significantly disturbed? Are "Normal Circumstances" precion Hydrology naturally problematic? (If needed, explain any answers in the site map showing sampling point locations, transects, important feath and the site map showing sampling point locations, transects, important feath and the site map showing sampling point locations, transects, important feath and the site map showing sampling point locations, transects, important feath and the site map showing sampling point locations, transects, important feath and the site map showing sampling point locations, transects, important feath and the site map showing sampling point locations, transects, important feath and the site map showing sampling point locations, transects, important feath and the site map showing sampling point locations, transects, important feath and the site map showing sampling point locations, transects, important feath and the sample	he site typical for this time of year? Yes _ x _ No _ (If no, explain in Remarks.) or Hydrologysignificantly disturbed?	Absolute

SOIL Sampling Point: <u>VPHCP420-U</u>

Profile Desc Depth	ription: (Describe Matrix			ent the inc edox Featu		confirm t	he absence of	f indicators.)
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	- Texture	Remarks
<u> </u>			oolor (moist)		Турс	LOC		
0-18	10YR 4/3	100					sandy clay	no redox
							_	
								- -
	-						-	-
	ncentration, D=Deplet					S. ²		re Lining, RC=Root Channel, M=Matrix.
-	Indicators: (Appl	icable to all LRR						for Problematic Hydric Soils ³ :
Histoso				Redox (S5)				Muck (A9) (LRR C)
	pipedon (A2)			d Matrix (Se	,			Muck (A10) (LRR B)
	listic (A3)			Mucky Min				ed Vertic (F18)
	en Sulfide (A4)	. 0)		Gleyed Ma	, ,			arent Material (TF2)
	d Layers (A5) (LRF	(C)		d Matrix (F	,		Otner	(Explain in Remarks)
	uck (A9) (LRR D)	200 (111)		Dark Surfac	` '			
	d Below Dark Surfa ark Surface (A12)	ace (ATT)		d Dark Sur Depression			3Indicators	of hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)	15 (1 0)			d hydrology must be present,
	Gleyed Matrix (S4)		venan	-0015 (1-9)				disturbed or problematic.
							unicss	distarbed of problematic.
_	Layer (if present):							
Type:								
Depth (inc	:hes):		•				Hydric Soil Pr	resent? Yes No x
Remarks: N	lo hydric soil indica	tors observed.						
HYDROLO	GY							
Wetland Hy	ydrology Indicator	's:					Sec	condary Indicators (2 or more required)
Primary Ind	icators (minimum o	f one required; ch	neck all that appl	y)				Water Marks (B1) (Riverine)
Surface	Water (A1)		Salt Crus	st (B11)				Sediment Deposits (B2) (Riverine)
	ater Table (A2)		Biotic Cru					Drift Deposits (B3) (Riverine)
	ion (A3)			nvertebrate	es (B13)			Drainage Patterns (B10)
	Marks (B1) (Nonriv	erine)		n Sulfide O				Dry-Season Water Table (C2)
	ent Deposits (B2) (N			Rhizosphe		Living Po	ote (C3)	Thin Muck Surface (C7)
	eposits (B3) (Nonri				_	_	013 (03)	=
	. , , ,	verine)		of Reduce				Crayfish Burrows (C8)
	Soil Cracks (B6)	(57)		on Reduct		a Solis (Ce	-	Saturation Visible on Aerial Imagery (C9)
	tion Visible on Aeria			k Surface				Shallow Aquitard (D3)
Water-S	Stained Leaves (B9	9)	Other (Ex	xplain in Re	emarks)			_FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wat	ter Present?	Yes No	Depth (inc	hes):				
Water Table	Present?	Yes No						
Saturation P	resent?		Depth (inc	hes):		Wetla	and Hydrology	/ Present? Yes No x
(includes ca	pillary fringe)		<u> </u>	,				
Describe Rec	corded Data (strean	n gauge, monitori	ng well, aerial pl	notos, prev	ious inspe	ctions), if a	available:	
D								
Remarks: No	wetland hydrology	/ indicators obser	ved.					

Project/Site: Southwest Village Spec	ific Plan Project		City/Cour	nty: San Dieg	0	Sam	npling Date	: <u>6/27/2</u>	23
Applicant/Owner: Tri Point Homes					State:	CA Sam	npling Point	i: <u>VPHC</u>	CP539-U
Investigator(s): Andrew Smisek			Section,	Township, F	Range: Section 31,	T18S R01W	J		
Landform (hillslope, terrace, etc.): me	esa		Local re	lief (concave	, convex, none): <u>no</u>	ne	Slo	pe (%):	0
Subregion (LRR): C		Lat:	32.55182		Long: -117.0088	0	Datu	ım: <u>NAD</u>)83
Soil Map Unit Name: Olivenhain cob	obly loam, 30-50%	6 slopes			NWI clas	ssification: no	one		
Are climatic / hydrologic conditions or	n the site typical fo	or this time o	f year? Yes	x N	o(If no, ex	plain in Rem	arks.)		
Are Vegetation, Soil	, or Hydrology	signif	icantly disturb	ed?	Are "Normal Circun	nstances" pre	esent? Yes	s <u>x</u>	No
Are Vegetation, Soil	<u>,</u> or Hydrology _	natur	ally problema	tic?	(If needed, explain	any answers	in Remark	(s.)	
SUMMARY OF FINDINGS – Att	ach site map s	showing sa	mpling poi	nt location	s, transects, imp	ortant fea	tures, etc	>.	
Hydrophytic Vegetation Present?	Yes	No x			_				
Hydric Soil Present?	Yes	No x		he Sampled nin a Wetlan	Y	es	No >	(
Wetland Hydrology Present?	Yes	No x	Witi	iiii a vveuaii	u :				
Remarks: Paired sample point for fo									
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Number of Domi	nant Species	S	-	(4)
2.					That Are OBL, F.	Dominant	J:	0	(A)
3					Species Across			1	(B)
4		= -			Percent of Domin	•		0	(A/B)
Carling (Charle Charles (Plat sing)	,		= Total Cove	er	, , , ,	,			` ′
Sapling/Shrub Stratum (Plot size: 1.	,				Prevalence Inde	ov worksho	nt·		
2					Total % Cov			iply by:	
3					OBL species	0	x 1 =	0	_
4				-	FACW species	5	x 2 =	10	
5.					FAC species	12	x 3 =	36	_
			= Total Cove	er	FACU species	70	x 4 =	280	
Herb Stratum (Plot size:)	-			UPL species	10	x 5 =	50	_
1. Bromus diandrus		70	Υ	FACU	Column Totals:	97	(A)	376	(B)
2. Avena sp		10	N	UPL	Prevalen	ce Index = B/	/A = 3.9		
3. Verbena menthifolia		1	N	FAC					
4. Rumex crispus		1	N	FAC	Hydrophytic Ve	getation Ind	licators:		
5. Juncus sp		5	N	FACW		e Test is >50			
6. Festuca perennis		10	N	FAC		e Index is ≤3			
7.			· 		<u> </u>	jical Adaptati Remarks or	`		
8		97	= Total Cov	ıor.			•		,
Woody Vine Stratum (Plot size:)		_ 10tal 00t	761	Problemat	ic Hydrophyt	lic vegetati	ou. (⊏xt	Jiairi)
1.					¹ Indicators of hy	dric soil and	I wetland h	vdrologv	/ must
2.			· 		be present, unle				
		97	= Total Cove	er	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum	% C	over of Biotic	Crust		Present?	Yes	N	10 x	
Remarks: The sample area does not	t support a predor	minance of h	ydrophytic ve	getation.					

SOIL Sampling Point: VPHCP539-U

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix	<u>. </u>		R	edox Featu	res		_					
(inches)	Color (moist)	%	Cold	or (moist)	%	Type ¹	Loc ²	Textu	ıre	R	emarks		
0-12	10YR 2/1	100						clay loan	n				
		_	_										
	-							_					
	-												
¹ Type: C=Co	ncentration, D=Deplet	ion RM=Red	luced Matri	x CS=Covere	d or Coated	Sand Grain	s :	2l ocation: Pl	=Pore Lining, I	RC=Root Cha	annel M=	Matrix	
	Indicators: (Appli						<u>. </u>		tors for Prok				
Histosol			. =		Redox (S5)				m Muck (A9)	•	, u. 10 00		
	pipedon (A2)				d Matrix (Se				m Muck (A)	, ,			
	listic (A3)				Mucky Min	,			duced Vertic				
	en Sulfide (A4)				Gleyed Ma				d Parent Ma				
	d Layers (A5) (LRR	R C)			d Matrix (F				her (Explain i)		
	uck (A9) (LRR D)	/			Dark Surfac	,					,		
	d Below Dark Surfa	ace (A11)			d Dark Sur	` '							
	ark Surface (A12)	` ,			Depression			3Indica	tors of hydro	ohytic vege	tation an	ıd	
Sandy I	Mucky Mineral (S1)			Vernal F	Pools (F9)			wet	land hydrolo	gy must be	present,		
Sandy (Gleyed Matrix (S4)							unle	ess disturbed	or problem	natic.		
Restrictive	Layer (if present):												
	ovel refusal												
								Lludria Ca	il Drocont?	Yes		No x	
												NO X	
. ,	hes): 12 lo hydric soil indicat	tors observe	ed. Much	organic mate	erial preser	nt.		Hydric 30	il Present?	163		<u> </u>	
Remarks: N	lo hydric soil indicat	tors observe	ed. Much	organic mate	erial preser	nt.		nyunc 30	ii Fieseiit?	100		<u> </u>	_
Remarks: N	lo hydric soil indicat		ed. Much	organic mate	erial preser	nt.		riyunc 30					
Remarks: N HYDROLOG Wetland Hy	lo hydric soil indicat GY ydrology Indicator	rs:				nt.		nyulic 30	Secondary	Indicators	(2 or me	ore requ	
Remarks: N HYDROLOG Wetland Hy Primary Ind	GY ydrology Indicator icators (minimum o	rs:		all that app	ly)	nt.		nyulic 30	Secondary Water M	Indicators larks (B1) (l	(2 or mo	ore requ	
Remarks: N HYDROLOG Wetland Hy Primary Ind Surface	GY ydrology Indicator icators (minimum o	rs:		all that app	ly) st (B11)	nt.		nyulic 30	Secondary Water M Sedimer	Indicators larks (B1) (I	(2 or mo	ore reque	
Remarks: N HYDROLOG Wetland Hy Primary Ind Surface High W	GY ydrology Indicator icators (minimum o w Water (A1) fater Table (A2)	rs:		s all that app Salt Crus Biotic Cru	ly) st (B11) ust (B12)			nyulic 30	Secondary Water M Sedimer Drift Dep	Indicators larks (B1) (I nt Deposits posits (B3) ((2 or mo	ore reque	
Remarks: N HYDROLOG Wetland Hy Primary Ind Surface High W Saturati	GY ydrology Indicator icators (minimum o water (A1) fater Table (A2) ion (A3)	rs: f one requir		all that app Salt Crus Biotic Cru Aquatic I	ly) st (B11) ust (B12) nvertebrate	es (B13)		nyulic 30	Secondary Water M Sedimer Drift Dep Drainage	Indicators arks (B1) (I ark Deposits cosits (B3) (B2) Patterns (B3)	(2 or mo Riverine (B2) (Riv (Riverino B10)	ore requesty verine)	
Remarks: N HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N	do hydric soil indicated by the soil indicat	rs: f one requir erine)	ed; check - - - -	s all that app Salt Crus Biotic Cru Aquatic I Hydroge	ly) st (B11) ust (B12) nvertebrate n Sulfide O	es (B13)			Secondary Water M Sedimer Drift Dep Drainage Dry-Sea	Indicators arks (B1) (I nt Deposits cosits (B3) (I e Patterns (I son Water	(2 or mo Riverine (B2) (Riv (Riverino B10) Table (C	ore requesty verine)	
Remarks: N HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime	do hydric soil indicated by the soil indicat	rs: f one requir erine) lonriverine	ed; check - - - -	s all that app Salt Crus Biotic Cru Aquatic I Hydroge Oxidized	ly) st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe	es (B13) dor (C1) eres along	J		Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu	Indicators larks (B1) (Int Deposits posits (B3) (Int Deposits (B3) (In	(2 or mo Riverine (B2) (Riv (Riverino B10) Table (C (C7)	ore requesty verine)	
Remarks: N HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De	do hydric soil indicator ydrology Indicator icators (minimum of Water (A1) tater Table (A2) ion (A3) Marks (B1) (Nonrivent Deposits (B2) (Nonrivent Deposits (B3) (Nonrivent Deposits (B3) (Nonrivent Deposits (B3) (Nonriv	rs: f one requir erine) lonriverine	ed; check - - - -	s all that app Salt Crus Biotic Cru Aquatic I Hydroge Oxidized Presence	ly) st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduce	es (B13) Idor (C1) eres along ed Iron (C4	4)	oots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish	Indicators larks (B1) (I nt Deposits posits (B3) (I e Patterns (I sson Water ck Surface Burrows (I	(2 or mo Riverine (B2) (Riverine (B10) Table (C (C7) (C8)	ore requely verine) e)	uired)
Remarks: N HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface	do hydric soil indicated by the posits (B3) (Nonriverse Soil Cracks (B6)	erine) Jonriverine verine)	red; check - - - - - - - -	s all that app Salt Crus Biotic Cru Aquatic I Hydroge Oxidized Presence Recent In	ly) ust (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduct	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille	4)	oots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatio	Indicators larks (B1) (I nt Deposits posits (B3) (I e Patterns (I son Water ck Surface Burrows (I on Visible o	(2 or mo Riverine (B2) (Riv (Riverine B10) Table (C (C7) C8) n Aerial	ore requely verine) e)	uired)
Remarks: N HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat	do hydric soil indicated by the property of th	erine) Ionriverine verine)	red; check - - - - - - - -	s all that app Salt Crus Biotic Cru Aquatic I Hydroge Oxidized Presence Recent Iu Thin Muc	ly) st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduct ron Reduct ck Surface	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille (C7)	4)	oots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatie Shallow	Indicators larks (B1) (I arks (B3) (I arks ((2 or mo Riverine (B2) (Riv (Riverine B10) Table (C (C7) C8) n Aerial	ore requely verine) e)	uired)
Remarks: N HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat	do hydric soil indicated by the posits (B3) (Nonriverse Soil Cracks (B6)	erine) Ionriverine verine)	red; check - - - - - - - -	s all that app Salt Crus Biotic Cru Aquatic I Hydroge Oxidized Presence Recent Iu Thin Muc	ly) ust (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduct	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille (C7)	4)	oots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatie Shallow	Indicators larks (B1) (I nt Deposits posits (B3) (I e Patterns (I son Water ck Surface Burrows (I on Visible o	(2 or mo Riverine (B2) (Riv (Riverine B10) Table (C (C7) C8) n Aerial	ore requely verine) e)	uired)
Remarks: N HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat	do hydric soil indicated by the posits (B3) (Nonrive Soil Cracks (B6) the posits (B6) the posits (B9) the posi	erine) Ionriverine verine)	red; check - - - - - - - -	s all that app Salt Crus Biotic Cru Aquatic I Hydroge Oxidized Presence Recent Iu Thin Muc	ly) st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduct ron Reduct ck Surface	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille (C7)	4)	oots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatie Shallow	Indicators larks (B1) (I arks (B3) (I arks ((2 or mo Riverine (B2) (Riv (Riverine B10) Table (C (C7) C8) n Aerial	ore requesty of the second sec	uired)
Remarks: N HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S	do hydric soil indicated by the posits (B3) (Nonrive Soil Cracks (B6) con Visible on Aeria Stained Leaves (B9)	erine) Ionriverine verine)	ed; check - - - - - - - - B7)	s all that app Salt Crus Biotic Cru Aquatic I Hydroge Oxidized Presence Recent Iu Thin Muc	ly) st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduct ron Reduct ck Surface xplain in Re	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille (C7)	4)	oots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatie Shallow	Indicators larks (B1) (I arks (B3) (I arks ((2 or mo Riverine (B2) (Riv (Riverine B10) Table (C (C7) C8) n Aerial	ore requesty of the second sec	uired)
Remarks: N HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S Field Obser	do hydric soil indicated by the posits (B3) (Nonriversion Visible on Aeria Stained Leaves (B9) (Notriversion Visible on Aeria Stained Visible on Aeria Stained Leaves (B9) (Notriversion Visible on Aeria Stained Visible On Aeria Stained Visible On Aeria Stained Visible On Aeria Stained Visible On Aeria Stained Visible On Aeria Stained Visible On Aeria Stained Visible On Aeria Stained Visible On Aeria Stained Visible On Aeria Stained Visible On Aeria Stained Visible On Aeria Stained Visible On Aeria Stained Visible On Aeria Stained Visible On Aeria Stained Visible On Aeria Stained Visible On Aeria Stained Visi	erine) Ionriverine verine) Il Imagery (ed; check - - - - -) - B7) - - - No	s all that app Salt Crus Biotic Cru Aquatic I Hydroge Oxidized Presence Recent Ii Thin Muc Other (E:	ly) st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduct ron Reduct ck Surface xplain in Re	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille (C7)	4)	oots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatie Shallow	Indicators larks (B1) (I arks (B3) (I arks ((2 or mo Riverine (B2) (Riv (Riverine B10) Table (C (C7) C8) n Aerial	ore requesty of the second sec	uired)
Remarks: N HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P	do hydric soil indicated by the prosits (B3) (Nonriversity (Nonriversity (erine) Ionriverine verine) Il Imagery (ed; check	s all that app Salt Crus Biotic Cru Aquatic I Hydroge Oxidized Presence Recent Iu Thin Muc Other (E:	ly) st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduct ron Reduct ck Surface xplain in Re	es (B13) dor (C1) eres along ed Iron (C4 ion in Tille (C7)	4) d Soils (C	oots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatie Shallow	Indicators larks (B1) (I arks (B3) (I arks ((2 or mo Riverine (B2) (Riv (Riverine B10) Table (C (C7) C8) n Aerial 03) D5)	ore requesty of the second sec	(C9)
Remarks: N HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation P (includes cap	do hydric soil indicated by the posits (B3) (Nonriversity (B3) (Nonriv	erine) Ionriverine verine) al Imagery () Yes Yes Yes	ed; check	s all that app Salt Crus Biotic Cru Aquatic I Hydroge Oxidized Presence Recent Iu Thin Muc Other (E: Depth (inc	ly) st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduct ck Surface xplain in Re ches):	es (B13) odor (C1) eres along ed Iron (C4 ion in Tille (C7) emarks)	4) d Soils (C	pots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow FAC-Ne	Indicators larks (B1) (I arks (B3) (I arks ((2 or mo Riverine (B2) (Riv (Riverine B10) Table (C (C7) C8) n Aerial 03) D5)	ore requ e) verine) e) :2)	uired)
Remarks: N HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation P (includes cap	do hydric soil indicated by the prosits (B3) (Nonriversity (Nonriversity (erine) Ionriverine verine) al Imagery () Yes Yes Yes	ed; check	s all that app Salt Crus Biotic Cru Aquatic I Hydroge Oxidized Presence Recent Iu Thin Muc Other (E: Depth (inc	ly) st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduct ck Surface xplain in Re ches):	es (B13) odor (C1) eres along ed Iron (C4 ion in Tille (C7) emarks)	4) d Soils (C	pots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow FAC-Ne	Indicators larks (B1) (I arks (B3) (I arks ((2 or mo Riverine (B2) (Riv (Riverine B10) Table (C (C7) C8) n Aerial 03) D5)	ore requ e) verine) e) :2)	ired (C9)
Remarks: N HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation P (includes cap	do hydric soil indicated by the posits (B3) (Nonriversity (B3) (Nonriv	erine) Ionriverine verine) al Imagery () Yes Yes Yes	ed; check	s all that app Salt Crus Biotic Cru Aquatic I Hydroge Oxidized Presence Recent Iu Thin Muc Other (E: Depth (inc	ly) st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduct ck Surface xplain in Re ches):	es (B13) odor (C1) eres along ed Iron (C4 ion in Tille (C7) emarks)	4) d Soils (C	pots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow FAC-Ne	Indicators larks (B1) (I arks (B3) (I arks ((2 or mo Riverine (B2) (Riv (Riverine B10) Table (C (C7) C8) n Aerial 03) D5)	ore requ e) verine) e) :2)	ired (C9)
Remarks: No HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation P (includes cap Describe Records)	do hydric soil indicated by the property of th	erine) Ionriverine verine) Al Imagery () Yes Yes Yes In gauge, mo	ed; check	s all that app Salt Crus Biotic Cru Aquatic I Hydroge Oxidized Presence Recent Iu Thin Muc Other (E: Depth (inc	ly) st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduct ck Surface xplain in Re ches):	es (B13) odor (C1) eres along ed Iron (C4 ion in Tille (C7) emarks)	4) d Soils (C	pots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow FAC-Ne	Indicators larks (B1) (I arks (B3) (I arks ((2 or mo Riverine (B2) (Riv (Riverine B10) Table (C (C7) C8) n Aerial 03) D5)	ore requ e) verine) e) :2)	ired (C9)
Remarks: No HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation P (includes cap Describe Records)	do hydric soil indicated by the posits (B3) (Nonriversity (B3) (Nonriv	erine) Ionriverine verine) Al Imagery () Yes Yes Yes In gauge, mo	ed; check	s all that app Salt Crus Biotic Cru Aquatic I Hydroge Oxidized Presence Recent Iu Thin Muc Other (E: Depth (inc	ly) st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduct ck Surface xplain in Re ches):	es (B13) odor (C1) eres along ed Iron (C4 ion in Tille (C7) emarks)	4) d Soils (C	pots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow FAC-Ne	Indicators larks (B1) (I arks (B3) (I arks ((2 or mo Riverine (B2) (Riv (Riverine B10) Table (C (C7) C8) n Aerial 03) D5)	ore requ e) verine) e) :2)	uired)
Remarks: No HYDROLOG Wetland Hy Primary Ind Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Water Table Saturation P (includes cap Describe Records)	do hydric soil indicated by the property of th	erine) Ionriverine verine) Al Imagery () Yes Yes Yes In gauge, mo	ed; check	s all that app Salt Crus Biotic Cru Aquatic I Hydroge Oxidized Presence Recent Iu Thin Muc Other (E: Depth (inc	ly) st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduct ck Surface xplain in Re ches):	es (B13) odor (C1) eres along ed Iron (C4 ion in Tille (C7) emarks)	4) d Soils (C	pots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow FAC-Ne	Indicators larks (B1) (I arks (B3) (I arks ((2 or mo Riverine (B2) (Riv (Riverine B10) Table (C (C7) C8) n Aerial 03) D5)	ore requ e) verine) e) :2)	uired)
Remarks: Note that the second	do hydric soil indicated by the property of th	erine) Ionriverine verine) Al Imagery () Yes Yes Yes In gauge, mo	ed; check	s all that app Salt Crus Biotic Cru Aquatic I Hydroge Oxidized Presence Recent Iu Thin Muc Other (E: Depth (inc	ly) st (B11) ust (B12) nvertebrate n Sulfide O Rhizosphe e of Reduct ck Surface xplain in Re ches):	es (B13) odor (C1) eres along ed Iron (C4 ion in Tille (C7) emarks)	4) d Soils (C	pots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow FAC-Ne	Indicators larks (B1) (I arks (B3) (I arks ((2 or mo Riverine (B2) (Riv (Riverine B10) Table (C (C7) C8) n Aerial 03) D5)	ore requ e) verine) e) :2)	(C9)

Applicant/Owner: Tri Point Homes					State:	CA Sam	a Para Datas		
					Olalo:	OA Jan	ipiing Poin	: VPHC	CP1224-
nvestigator(s): Andrew Smisek			Section,	Township, F	Range: Section 31,	T18S R01W	1		
.andform (hillslope, terrace, etc.): mesa			Local re	ief (concave	, convex, none): <u>no</u>	ne	Slo	pe (%):	0
Subregion (LRR): C		Lat:	32.55347		Long: -117.0226	8	Datu	ım: <u>NA</u> E)83
Soil Map Unit Name: Huerhuero loam, 2					NWI clas	sification: no	one		
are climatic / hydrologic conditions on the	site typical	for this time o	f year? Yes	<u>x</u> N	o(If no, ex	olain in Rem	arks.)		
Are Vegetation, Soil, o	Hydrology	signif	icantly disturb	ed?	Are "Normal Circum	stances" pre	esent? Yes	s <u>x</u>	No
are Vegetation, Soil, o	Hydrology	natur	ally problema	tic?	(If needed, explain a	any answers	in Remark	s.)	
SUMMARY OF FINDINGS – Attach	site man	showing sa	mpling poi	nt location	s transects imn	ortant fea	tures etc	•	
Audi	one map	onowing ou	mpmig pon	it ioodtioii	o, transcoto, imp	ortant roa	.u. 00, 010		
Hydrophytic Vegetation Present?	Yes	No x	_ ls ti	ne Sampled	Δrea				
Hydric Soil Present?	Yes	No x		nin a Wetlan	Y	es	No	(
Wetland Hydrology Present?	Yes	No x							
Remarks: Paired sample point with feat	ure #VPHCF	P1224.							
/EGETATION – Use scientific nan	nes of plar	nts.							
Trace Chartering (Diet sine)	,	Absolute	Dominant	Indicator	Dominance Tes	t worksheet	:		
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Domi			4	(4)
·· 2.					That Are OBL, FA	•	J	1	(A)
3.					Total Number of Species Across A			2	(B)
4.					Percent of Domir	ant Species			(D)
			= Total Cove	er .	That Are OBL, F	ACW, or FAC	D:	50	(A/B
Sapling/Shrub Stratum (Plot size:)							
1. Simmondsia chinensis		5	Υ	UPL	Prevalence Inde	x workshee	et:		
2.		-			Total % Cove	er of:	Multi	ply by:	
3.					OBL species		x 1 =		
4.					FACW species		x 2 =		
5					FAC species	90	x 3 =	270	
		5	= Total Cove	er	FACU species	5	x 4 =	20	
Herb Stratum (Plot size:)				UPL species	5	x 5 =	25	
1. Festuca perennis		90	Y	FAC	Column Totals:	100	(A)	315	(B)
2. Bromus diandrus		5	N	FACU	Prevalen	ce Index = B/	A = 3.2		
3									
4		_			Hydrophytic Ve	_			
5.					· ——	e Test is >50			
6. -					:	e Index is ≤3	-		
7		_				ical Adaptati Remarks or			
8					-				,
Woody Vine Stratum (Plot size:		95	= Total Cov	er	Problemati	c Hydrophyt	ıc Vegetatı	on' (Ex	olain)
		,			¹ Indicators of hy	المحمد المحمد	watland by	, drolo av	, marrat
1 2.					be present, unle				/ IIIuSt
Z		100	= Total Cove	\r	-		•		
		100	= Total Cove) I	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum0	% (Cover of Biotic	Crust		Present?	Yes		lox	
Remarks: The sample area does not sup	port a predo	minance of h	vdrophytic ve	getation.				-	
	For a prode		, 5. 5011, 10 40	, , , , , , , , , , , , , , , , , , , ,					

SOIL Sampling Point: VPHCP1224-U

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix			Redox Features		_	
(inches)	Color (moist)	<u> </u>	Color (moist)		1 Loc ²	Texture	Remarks
0-14	10YR 4/2	100				sandy clay	
		·		 			
						_	
	•					_	
						_	
¹ Type: C=Co	ncentration, D=Depletion	n RM=Reduced	Matrix CS=Cove	red or Coated Sand G	rains	² I ocation: PI =Por	re Lining, RC=Root Channel, M=Matrix.
	I Indicators: (Applic						for Problematic Hydric Soils ³ :
Histoso		able to all Ert		Redox (S5)			Muck (A9) (LRR C)
	pipedon (A2)			ed Matrix (S6)			Muck (A10) (LRR B)
	listic (A3)			/ Mucky Mineral (F1	1)		ed Vertic (F18)
	en Sulfide (A4)			/ Gleyed Matrix (F2			arent Material (TF2)
	d Layers (A5) (LRR (C)		ted Matrix (F3)	,		(Explain in Remarks)
	uck (A9) (LRR D)	G)		Dark Surface (F6)		Otilei ((Explain in Remarks)
	ed Below Dark Surfac	- (Δ11)		ted Dark Surface (F	7)		
	ark Surface (A12)	(/ (1 1)		Depressions (F8)	')	3Indicators	of hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)			d hydrology must be present,
	Gleyed Matrix (S4)			1 0010 (1 0)			disturbed or problematic.
						1	alotalood of problematic
	Layer (if present):						
Type: sh	ovel refusal		_				
Depth (inc	hes): 14		_			Hydric Soil Pre	esent? Yes No _x
IYDROLO	GY						
	ydrology Indicators					Sac	condary Indicators (2 or more required)
	licators (minimum of		chack all that an	nlv)		· · · · · · · · · · · · · · · · · · ·	Water Marks (B1) (Riverine)
		one required, i					
	e Water (A1)			ust (B11)			Sediment Deposits (B2) (Riverine)
	ater Table (A2)			crust (B12)			Drift Deposits (B3) (Riverine)
	ion (A3)			Invertebrates (B13	,		Drainage Patterns (B10)
	Marks (B1) (Nonrive i			en Sulfide Odor (C			Dry-Season Water Table (C2)
Sedime	ent Deposits (B2) (No	nriverine)	Oxidize	d Rhizospheres ald	ong Living Ro	oots (C3)	Thin Muck Surface (C7)
Drift De	eposits (B3) (Nonrive	erine)	Presen	ce of Reduced Iron	(C4)		Crayfish Burrows (C8)
Surface	e Soil Cracks (B6)		Recent	Iron Reduction in T	illed Soils (C	26)	Saturation Visible on Aerial Imagery (C9)
Inundat	tion Visible on Aerial	Imagery (B7)	Thin M	uck Surface (C7)			Shallow Aquitard (D3)
Water-S	Stained Leaves (B9)		Other (Explain in Remarks)		FAC-Neutral Test (D5)
Eigld Obser	votiona						
Field Obser		/00 N	o v Donth (ir	oboo):			
			o x Depth (ir	· —			
Water Table		·	o x Depth (ir				
Saturation P		′es N	o <u>x</u> Depth (ir	nches):	Wetl	and Hydrology	Present? Yes No x
	pillary fringe)					a allalala.	
Describe Rec	corded Data (stream	gauge, monito	ring well, aerial	pnotos, previous ins	spections), if	available:	
Remarks: No	o wetland hydrology i	ndicatore obse	arved				
comains. INC	wouldn't hydrology i	1141041013 0056	oi vou.				

Project/Site: Southwest Village Speci	ific Plan Project		City/Count	ty: San Dieg	JO	Sam	npling Date:	: 6/27/2	23
Applicant/Owner: Tri Point Homes					State:	CA Sam	npling Point	:: VPHC	P1754-L
Investigator(s): Andrew Smisek			Section,	Township, F	Range: Section 31,	T18S R01W	<u> </u>		
Landform (hillslope, terrace, etc.): me	:sa		Local reli	ef (concave	, convex, none): <u>no</u>	ne	Slo	pe (%):	0
Subregion (LRR): C		Lat:	32.54775		Long: <u>-117.0145</u>	6	Datu	ım: <u>NAD</u>	83
Soil Map Unit Name: Olivenhain cob	bly loam, 9-30%	slopes			NWI clas	sification: n	one		
Are climatic / hydrologic conditions or	the site typical fo	or this time o	f year? Yes	x N	o(If no, ex	plain in Rem	arks.)		
Are Vegetation, Soil	<u>,</u> or Hydrology _	signif	icantly disturbe	ed?	Are "Normal Circun	nstances" pr	esent? Yes	s <u>x</u>	No
Are Vegetation, Soil	<u>,</u> or Hydrology _	natur	ally problemati	ic?	(If needed, explain	any answers	in Remark	(s.)	
SUMMARY OF FINDINGS – Atta	ach site map s	howing sa	mpling poin	t location	s, transects, imp	ortant fea	tures, etc).	
Lhudronhutia Vanatatian Decout		Na			· · · · · · · ·				
Hydrophytic Vegetation Present? Hydric Soil Present?	Yes Yes	_	- Is th	e Sampled	Area	es	No x	,	
Wetland Hydrology Present?	Yes		— with	in a Wetlan	d?		NO	(
Remarks: Paired sample point for fe	eature #VPHCP1	754.							
WEGETATION		1 -							
VEGETATION – Use scientific i	names of plant	Absolute	Dominant	Indicator	Dominance Tes	t worksheet	+-		
Tree Stratum (Plot size:)		Species?	Status	Number of Domi				
1			· ·		That Are OBL, F.			0	(A)
2					Total Number of				
3			. .		Species Across			2	(B)
4					Percent of Domin	•		0	(A/B)
	,		= Total Cove	r	111417110 002, 11	7.077, 01 17.			(-,-/
Sapling/Shrub Stratum (Plot size:)		.,						
Simmondsia chinensis		10	Y	UPL	Prevalence Inde			inly by	
2.			· ·		Total % Cov OBL species	0	x 1 =	iply by: 0	_
3.					FACW species	0	x 2 =	0	_
45.			. ———		FAC species	5	x3=	15	_
J		10	= Total Cove	r	FACU species	2	x 4 =	8	_
Herb Stratum (Plot size:)		= 10tal 00vc		UPL species	90	x 5 =	450	_
1. Brachypodium distachyon		80	Υ	UPL	Column Totals:	97	(A)	473	(B)
2. Hordeum marinum		5		FAC	-				
3. Bromus diandrus		2	N	FACU	Prevalen	ce Index = B	A = 4.9		=
4.		-	· 		Hydrophytic Ve	getation Inc	licators:		
5.					Dominanc	e Test is >50)%		
6.			· ·	_	Prevalence	e Index is ≤3	.01		
7.					<u> </u>	jical Adaptati	`		
8.					data in	Remarks or	on a separ	ate shee	et)
		87	= Total Cove	er	Problemat	ic Hydrophyt	ic Vegetation	on¹ (Exp	olain)
Woody Vine Stratum (Plot size:)								
1			· ·		¹ Indicators of hy be present, unle				must
2					be present, unit	ess disturbed	or problem	nauc.	
		97	= Total Cove	r	Hydrophytic				
% Bare Ground in Herb Stratum	% C	over of Biotic	: Crust		Vegetation Present?	Yes	N	lo x	
			-	otation					
Remarks: The sample area does not	. support a predor	minance of n	yaropriyuc veg	etalion.					

SOIL Sampling Point: <u>VPHCP1754-U</u>

Depth	Matrix			dox Features			_	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-18	10YR 3/3	100					loam	
	-	· —— ·						
	-	· —— ·						
	-	· -					_ · ·	
		. <u> </u>					<u> </u>	
¹ Type: C=Cor	ncentration, D=Depletion	n, RM=Reduce	ed Matrix, CS=Covered	d or Coated Sa	and Grains	i. ²	Location: PL=Po	ore Lining, RC=Root Channel, M=Matrix.
Hydric Soil	Indicators: (Applic	able to all L	RRs, unless other	wise noted.))		Indicators	s for Problematic Hydric Soils ³ :
Histosol				Redox (S5)			1 cm l	Muck (A9) (LRR C)
	` '			Matrix (S6)				Muck (A10) (LRR B)
	Histic Epipedon (A2) Black Histic (A3) Lindragen Sulfide (A4)		Loamy N	Mucky Minera	al (F1)			ced Vertic (F18)
— Hydroge	Hydrogen Sulfide (A4)		Loamy (Gleyed Matrix	k (F2)		Red P	Parent Material (TF2)
Stratifie	_Hydrogen Sulfide (A4) _Stratified Layers (A5) (LRR C)		Deplete	d Matrix (F3)			Other	(Explain in Remarks)
1 cm Mu	uck (A9) (LRR D)		Redox D	Dark Surface	(F6)			
Deplete	d Below Dark Surfac	e (A11)	Deplete	d Dark Surfac	ce (F7)			
Thick Da	ark Surface (A12)		Redox D	Depressions ((F8)		³ Indicators	s of hydrophytic vegetation and
Sandy N	Mucky Mineral (S1)		Vernal F	Pools (F9)				d hydrology must be present,
Sandy 0	Gleyed Matrix (S4)						unless	disturbed or problematic.
Restrictive	Layer (if present):							
Type:	, , ,							
· · ·								
Depth (inc	hes): o hydric soil indicato	rs observed.					Hydric Soil P	resent? Yes No x
Remarks: N	o hydric soil indicato	rs observed.					Hydric Soil P	resent? Yes No x
Remarks: N	o hydric soil indicato						,	
Remarks: N IYDROLOG Wetland Hy	o hydric soil indicato	:		v)			,	condary Indicators (2 or more require
Remarks: N IYDROLOG Wetland Hy Primary Indi	o hydric soil indicators GY vdrology Indicators icators (minimum of	:	; check all that appl				,	condary Indicators (2 or more require Water Marks (B1) (Riverine)
IYDROLOG Wetland Hy Primary Indi	o hydric soil indicator GY vdrology Indicators icators (minimum of	:	l; check all that appl Salt Crus	t (B11)			,	condary Indicators (2 or more require Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine)
IYDROLOG Wetland Hy Primary IndiSurfaceHigh W:	o hydric soil indicator Ordrology Indicators icators (minimum of Water (A1) ater Table (A2)	:	l; check all that appl Salt Crus Biotic Cru	t (B11) ust (B12)	(D40)		,	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine)
Remarks: N IYDROLOG Wetland Hy Primary Indi Surface High W. Saturati	o hydric soil indicators rdrology Indicators icators (minimum of Water (A1) ater Table (A2) on (A3)	: one required	l; check all that appl Salt Crus Biotic Cru Aquatic Ir	t (B11) ust (B12) nvertebrates			,	water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10)
Remarks: N HYDROLOG Wetland Hy Primary Indi Surface High W. Saturati Water N	o hydric soil indicators rdrology Indicators icators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive	: one required	i; check all that appl Salt Crus Biotic Cru Aquatic Ir	t (B11) ust (B12) nvertebrates n Sulfide Odo	or (C1)		<u>Se</u>	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2)
Remarks: N HYDROLOG Wetland Hy Primary Indi Surface High W: Saturati Water N Sedime	o hydric soil indicators ordrology Indicators icators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No	: one required rine) onriverine)	; check all that applSalt CrusBiotic CruAquatic IuHydrogerOxidized	t (B11) ust (B12) nvertebrates n Sulfide Odo Rhizosphere	or (C1) es along l		<u>Se</u>	weendary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7)
Remarks: N HYDROLOG Wetland Hy Primary Indi Surface High W Saturati Water N Sedime Drift De	o hydric soil indicators ordrology Indicators icators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No	: one required rine) onriverine)	; check all that appl Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence	t (B11) ust (B12) nvertebrates n Sulfide Odo Rhizosphere e of Reduced	or (C1) es along l Iron (C4)	Se	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8)
Remarks: N HYDROLOG Wetland Hy Primary Indi Surface High W Saturati Water N Sedime Drift De Surface	o hydric soil indicators rdrology Indicators icators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6)	: one required rine) onriverine) erine)	l; check all that applSalt CrusBiotic CruAquatic Ir Hydroger Oxidized Presence Recent Ir	t (B11) ust (B12) nvertebrates n Sulfide Odo Rhizosphere e of Reduced on Reduction	or (C1) es along l Iron (C4 n in Tilled)	Se	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C
IYDROLOG Wetland Hy Primary Indi Surface High Water M Sedime Drift De Surface Inundat	o hydric soil indicators rdrology Indicators icators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial	: one required rine) onriverine) erine)	l; check all that appl Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc	t (B11) ust (B12) nvertebrates n Sulfide Odo Rhizosphere e of Reduced on Reduction k Surface (C'	or (C1) es along I Iron (C4 n in Tilled 7))	Se	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3)
IYDROLOG Wetland Hy Primary Indi Surface High Water M Sedime Drift De Surface Inundat	o hydric soil indicators rdrology Indicators icators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6)	: one required rine) onriverine) erine)	l; check all that appl Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc	t (B11) ust (B12) nvertebrates n Sulfide Odo Rhizosphere e of Reduced on Reduction	or (C1) es along I Iron (C4 n in Tilled 7))	Se	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C
NET SECTION OF SURFACE Water No. Sedime Drift De Surface Inundat Water-S	o hydric soil indicators of the variation of the variatio	: one required rine) onriverine) erine)	l; check all that appl Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc	t (B11) ust (B12) nvertebrates n Sulfide Odo Rhizosphere e of Reduced on Reduction k Surface (C'	or (C1) es along I Iron (C4 n in Tilled 7))	Se	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3)
Remarks: N HYDROLOG Wetland Hy Primary Indi Surface High W Saturati Water N Sedime Drift De Surface Inundat Water-S Field Obser	o hydric soil indicators reported for the later Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (Nonrive soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations:	: one required rine) onriverine) erine) Imagery (B7	l; check all that appl Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc	t (B11) ust (B12) nvertebrates n Sulfide Odo Rhizosphere e of Reduced on Reduction k Surface (C' xplain in Rem	or (C1) es along I Iron (C4 n in Tilled 7))	Se	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3)
Remarks: N HYDROLOG Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat	o hydric soil indicators rdrology Indicators icators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present?	: one required rine) onriverine) erine) Imagery (B7	; check all that appl Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Other (Ex	t (B11) ust (B12) nvertebrates n Sulfide Odo Rhizosphere e of Reduced on Reduction k Surface (C' xplain in Rem	or (C1) es along I Iron (C4 n in Tilled 7))	Se	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3)
Remarks: N HYDROLOG Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table	o hydric soil indicators rdrology Indicators icators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present?	cone required rine) porriverine) erine) Imagery (B7	; check all that appl Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir Thin Muc Other (Ex	t (B11) ust (B12) nvertebrates n Sulfide Odo Rhizosphere e of Reduced on Reduction k Surface (C' colain in Rem hes):	or (C1) es along I Iron (C4 n in Tilled 7)) I Soils (Co	Se	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Remarks: N HYDROLOG Wetland Hy Primary Indi Surface High Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P	o hydric soil indicators rdrology Indicators icators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present?	cone required rine) porriverine) erine) Imagery (B7	; check all that appl Salt Crus Biotic Cru Aquatic Ir Hydroger Oxidized Presence Recent Ir) Thin Muc Other (Ex	t (B11) ust (B12) nvertebrates n Sulfide Odo Rhizosphere e of Reduced on Reduction k Surface (C' colain in Rem hes):	or (C1) es along I Iron (C4 n in Tilled 7)) I Soils (Co	ots (C3)	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3) FAC-Neutral Test (D5)
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Remarks: N HYDROLOG Wetland Hy Primary Indi Surface High W: Saturati Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cap	o hydric soil indicators rdrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present? resent? indicators values	cine) prine) prine) lmagery (B7 //es //es gauge, moni	; check all that appl Salt Crus Biotic Cru Aquatic In Hydroger Oxidized Presence Recent In Other (Exercise) No Depth (income Depth (t (B11) ust (B12) nvertebrates n Sulfide Odo Rhizosphere e of Reduced on Reduction k Surface (C' cplain in Rem hes): hes):	or (C1) es along l Iron (C4 n in Tilled 7) narks)	Soils (Co	ots (C3)	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3) FAC-Neutral Test (D5)
Remarks: N HYDROLOG Wetland Hy Primary Indi Surface High W: Saturati Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cap	o hydric soil indicators rdrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present?	cine) prine) prine) lmagery (B7 //es //es gauge, moni	; check all that appl Salt Crus Biotic Cru Aquatic In Hydroger Oxidized Presence Recent In Other (Exercise) No Depth (income Depth (t (B11) ust (B12) nvertebrates n Sulfide Odo Rhizosphere e of Reduced on Reduction k Surface (C' cplain in Rem hes): hes):	or (C1) es along l Iron (C4 n in Tilled 7) narks)	Soils (Co	ots (C3)	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C3) Shallow Aquitard (D3) FAC-Neutral Test (D5)
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Remarks: N HYDROLOG Wetland Hy Primary Indi Surface High W: Saturati Water N Sedime Drift De Surface Inundat Water-S Field Obser Surface Wat Water Table Saturation P (includes cap	o hydric soil indicators rdrology Indicators cators (minimum of Water (A1) ater Table (A2) on (A3) Marks (B1) (Nonrive nt Deposits (B2) (No posits (B3) (Nonrive Soil Cracks (B6) ion Visible on Aerial Stained Leaves (B9) vations: er Present? Present? resent? indicators values	cine) prine) prine) lmagery (B7 //es //es gauge, moni	; check all that appl Salt Crus Biotic Cru Aquatic In Hydroger Oxidized Presence Recent In Other (Exercise) No Depth (income Depth (t (B11) ust (B12) nvertebrates n Sulfide Odo Rhizosphere e of Reduced on Reduction k Surface (C' cplain in Rem hes): hes):	or (C1) es along l Iron (C4 n in Tilled 7) narks)	Soils (Co	ots (C3)	Condary Indicators (2 or more required Water Marks (B1) (Riverine) Sediment Deposits (B2) (Riverine) Drift Deposits (B3) (Riverine) Drainage Patterns (B10) Dry-Season Water Table (C2) Thin Muck Surface (C7) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Ca) Shallow Aquitard (D3) FAC-Neutral Test (D5)

Project/Site: Southwest Village Specif	tic Plan Project		City/Cour	nty: San Dieg	JO		npling Date	. 0/2//2	23
Applicant/Owner: Tri Point Homes					State:	CA Sar	npling Poin	t: VPHC)P1755-l
nvestigator(s): Andrew Smisek			Section,	Township, F	Range: Section 31,	T18S R01V	V		
_andform (hillslope, terrace, etc.): mes	sa		Local re	lief (concave	, convex, none): no	ne	Slc	pe (%):	0
Subregion (LRR): <u>C</u>		Lat:	32.54610		Long: -117.0234	8	Datu	ım: <u>NAD</u>)83
Soil Map Unit Name: Olivenhain cobb	bly loam, 9-30%	% slopes			NWI clas	sification: n	one		
Are climatic / hydrologic conditions on	the site typical	for this time of	f year? Yes	x N	o(If no, ex	plain in Rem	narks.)		
Are Vegetation, Soil	, or Hydrology	signi	ficantly disturb	ed?	Are "Normal Circum	nstances" pr	esent? Ye	s <u>x</u>	No
Are Vegetation, Soil	, or Hydrology	natui	ally problema	tic?	(If needed, explain a	any answer	s in Remarl	(s.)	
SUMMARY OF FINDINGS – Atta	ach site man	showing sa	mplina poi	nt location	s. transects. imp	ortant fea	tures, etc	:	
JOHNIN TOT THE HOUSE TAKE	ion one map	onowing oc		in location	o, transcoto, mp	ortant roc	114100, 010		
Hydrophytic Vegetation Present?	Yes		ls ti	ne Sampled	Area				
Hydric Soil Present?	Yes	Nox		nin a Wetlan	Y	es	No	(
Wetland Hydrology Present?	Yes	No x							
Remarks: Paired sample point for fe	ature #VPHCP	1755.							
/EGETATION – Use scientific n	names of plai		.	1 2 4					
Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Tes				
1.	/	70 00101			Number of Domin			1	(A)
2.					Total Number of	,			`
3.					Species Across A			3	(B)
4.					Percent of Domir				
			= Total Cove	er	That Are OBL, F	ACW, or FA	C:	33.3	(A/B
Sapling/Shrub Stratum (Plot size:)	-						
1					Prevalence Inde	x workshe	et:		
2					Total % Cove		Mult	iply by:	_
3					OBL species	0	x 1 =	0	_
4					FACW species	40	x 2 =	80	_
5			= -		FAC species	0	x 3 =	0	_
Hardy Otracticas (Distraction	,		= Total Cove	er	FACU species	0	x 4 =	0	_
Herb Stratum (Plot size:)	00		LIDI	UPL species	50	x 5 =	250	
Glebionis coronaria		30	Y	UPL	Column Totals:	90	(A)	330	(B)
2. Stephanomeria diegensis		2	N	NI	Prevalen	ce Index = B	A = 3.7		_
3. Centaurea melitensis		20 40	- <u> </u>	UPL	Usalronbutio Va	actotion In	diantara.		
4. Deschampsia sp 5.			<u> </u>	FACW	Hydrophytic Ve	_			
6			-	-	· 	e Test is >5 e Index is ≤3			
7						ical Adapta		ido oupr	oorting
7. 8.			· 			Remarks or			
o		92	= Total Cov	/er	Problemati	ic Hydrophy	tic Vegetati	on¹ (Evr	nlain)
Woody Vine Stratum (Plot size:)	-		i iobicinati	Стуагорпу	lio vegetati	OII (EX	Jani
		•			¹ Indicators of hy	dric soil and	d wetland h	vdrology	/ must
2.			· 		be present, unle				
		92	= Total Cove	er	Hydrophytic				
					Vegetation				
% Bare Ground in Herb Stratum	%	Cover of Biotic	Crust		Present?	Yes	N	lo <u>x</u>	
Remarks: The sample area does not	support a pred	ominance of h	ydrophytic ve	getation.					

SOIL Sampling Point: <u>VPHCP1755-U</u>

Profile Desc Depth	cription: (Describe			ent the inc edox Featu		confirm t	the absence	of indicators.)	
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	_ Texture	<u> </u>	Remarks
<u> </u>			COIOI (IIIOISI)		Турс				Romano
0-18	10YR 3/3	100					sandy loan	<u>n</u>	
							_		
							_		
	-						-		
							_		
	ncentration, D=Deplet					s. ² l			toot Channel, M=Matrix.
-	Indicators: (Appl	icable to all LRR							atic Hydric Soils ³ :
Histoso	, ,			Redox (S5)				Muck (A9) (LR	
	pipedon (A2)			Matrix (Se	,			Muck (A10) (L	
	listic (A3)			Mucky Min	. ,			uced Vertic (F18	,
	en Sulfide (A4)			Gleyed Ma				Parent Material	
	d Layers (A5) (LRF	R C)		d Matrix (F	,		Othe	er (Explain in Re	marks)
	uck (A9) (LRR D)	(8.4.4)		Dark Surfac	` '				
	d Below Dark Surfa	ace (A11)		d Dark Sur			31	an a Charalana a la aC	anna an ta Canana d
	ark Surface (A12)			Depression	is (F8)				c vegetation and
	Mucky Mineral (S1)		vernai i	Pools (F9)				nd hydrology m	
Sandy (Gleyed Matrix (S4)						unies	is disturbed or p	robiematic.
Restrictive	Layer (if present):								
Type:			_						
Depth (inc	hes):		_				Hydric Soil F	Present? Y	'es No <u>x</u>
Remarks: N	lo hydric soil indica	tors observed.							
	,								
HYDROLO	GV.								
	ydrology Indicator	'S:					S	econdary India	cators (2 or more required)
	icators (minimum o		neck all that appl	v)			_		(B1) (Riverine)
	e Water (A1)		Salt Crus						posits (B2) (Riverine)
	ater Table (A2)		Biotic Cru	, ,			_		s (B3) (Riverine)
	, ,			` '	oo (D12)		_		, , ,
	ion (A3)			nvertebrate			_	Drainage Pat	
	Marks (B1) (Nonriv			n Sulfide O					Water Table (C2)
	ent Deposits (B2) (N			Rhizosphe	_	_	ots (C3)	Thin Muck S	, ,
	eposits (B3) (Nonri	/erine)		e of Reduce			_	Crayfish Buri	
	Soil Cracks (B6)			on Reduct		d Soils (C	6)		sible on Aerial Imagery (C9)
Inundat	tion Visible on Aeria	al Imagery (B7)	Thin Muc	k Surface	(C7)			Shallow Aqui	tard (D3)
Water-S	Stained Leaves (B9	9)	Other (Ex	kplain in Re	emarks)		_	FAC-Neutral	Test (D5)
Field Obser	vations:								
Surface Wat	ter Present?	Yes No	Depth (inc	hes):					
Water Table	Present?	Yes No				_			
Saturation P			Depth (inc				and Hydrolog	av Present?	Yes No x
	pillary fringe)	110				_			110 <u>X</u>
	corded Data (stream	n gauge, monitori	ing well, aerial pl	notos, prev	ious inspe	ctions), if a	available:		
	`			•		,			
Remarks: No	wetland hydrology	indicators obser	ved.						

Project/Site: Southwest Village Speci	ific Plan Project		City/Coun	ity: San Dieg	JO	San	npling Date:	6/27/2	23
Applicant/Owner: Tri Point Homes					State:	CA San	npling Point	: VPHC	P1756-L
Investigator(s): Andrew Smisek			Section,	Township, F	Range: Section 31,	T18S R01V	V		
Landform (hillslope, terrace, etc.): me	:sa		Local rel	lief (concave	, convex, none): <u>no</u>	ne	Slo	pe (%):	0
Subregion (LRR): C		Lat:	32.54603		Long: -117.0221	6	Datu	ım: <u>NAD</u>	83
Soil Map Unit Name: Olivenhain cob	bly loam, 9-30%	slopes			NWI clas	ssification: n	one		
Are climatic / hydrologic conditions or	n the site typical fo	or this time o	f year? Yes	xN	o(If no, ex	plain in Rem	narks.)		
Are Vegetation, Soil	, or Hydrology	signif	icantly disturb	ed?	Are "Normal Circun	nstances" pr	esent? Yes	3 <u>X</u>	No
Are Vegetation, Soil	<u>,</u> or Hydrology _	natur	ally problemat	tic?	(If needed, explain	any answers	s in Remark	s.)	
SUMMARY OF FINDINGS – Atta	ach site man s	howing sa	mpling poir	nt location	s. transects. imr	oortant fea	itures, etc	<u>.</u>	
<u> </u>			pg po		o,aooo.o,,				
Hydrophytic Vegetation Present?	Yes		ls th	ne Sampled	Δrea				
Hydric Soil Present?	Yes	No x		nin a Wetlan	Y	'es	No x	(
Wetland Hydrology Present?	Yes	_No _x							
Remarks: Paired sample point for fe	eature #VPHCP1	756.							
VEGETATION – Use scientific i	names of plant	ts.							
<u>Tree Stratum</u> (Plot size:	١	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Tes				
1.		70 COVEI	Species:	Status	Number of Domi That Are OBL, F			0	(A)
2					Total Number of	•	·		(^)
3.			. ———		Species Across			3	(B)
4.			. ———		Percent of Domi	nant Species	3		
		-	= Total Cove	er	That Are OBL, F	ACW, or FA	C:	0	(A/B)
Sapling/Shrub Stratum (Plot size:)								
Simmondsia chinensis		30	Υ	UPL	Prevalence Inde	ex workshe	et:		
2.		- 			Total % Cov	er of:	Multi	ply by:	_
3.					OBL species	0	x 1 =	0	
4			·		FACW species	0	x 2 =	0	_
5					FAC species	0	x 3 =	0	_
			= Total Cove	er	FACU species	20	x 4 =	80	
Herb Stratum (Plot size:)				UPL species	60	x 5 =	300	
Deinandra fasciculata		20	Y	FACU	Column Totals:	80	(A)	380	(B)
2. Bromus rubens		20	<u> </u>	UPL	Prevalen	ice Index = B	/A = <u>4.8</u>		_
3. Stipa pulchra		10	N	UPL					
4. Melica sp.		5	N	NI	Hydrophytic Ve	_			
5						e Test is >50			
6.			· 			e Index is ≤3			
7			. ———			gical Adaptat Remarks or	,		-
8		55	= Total Cov						,
Woody Vine Stratum (Plot size:)		= Total Cov	/ei	Problemat	tic Hydrophy	tic vegetation	ou. (Exb	olain)
					¹ Indicators of hy	udric coil and	t wotland by	drology	muet
2.			·		be present, unle				illust
Z		85	= Total Cove		Ukada a kada				
			- 10tal 00V6	21	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum	% C	over of Biotic	Crust		Present?	Yes	N	lo X	
Remarks: The sample area does not	support a predor	minance of h	ydrophytic vec	getation.					
·				-					

SOIL Sampling Point: <u>VPHCP1756-U</u>

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

(inches)	Color (moist)	%	Color (moist)	% -	s Type¹	Loc ²	- Textur	re Remarks
0-12	10YR 3/3	100	co.c. (moloc)	,,,	.,,,,		silty clay	
0-12	10113/3	100					Silly clay	
							-	
							-	
¹ Type: C=Co	oncentration, D=Depletion	n, RM=Reduce	ed Matrix, CS=Cover	ed or Coated Sa	and Grains	S. ²	Location: PL=	Pore Lining, RC=Root Channel, M=Matrix.
Hydric Soi	il Indicators: (Applic	able to all L	RRs, unless othe	rwise noted.))		Indicato	ors for Problematic Hydric Soils ³ :
Histoso	ol (A1)		Sandy	Redox (S5)			1 cn	n Muck (A9) (LRR C)
Histic E	Epipedon (A2)		Strippe	d Matrix (S6)				m Muck (A10) (LRR B)
Black I	Histic (A3)		Loamy	Mucky Minera	al (F1)		Red	luced Vertic (F18)
Hydrog	gen Sulfide (A4)		Loamy	Gleyed Matrix	k (F2)		Red	Parent Material (TF2)
	ed Layers (A5) (LRR (S)		ed Matrix (F3)			Oth	er (Explain in Remarks)
	Muck (A9) (LRR D)			Dark Surface	` '			
	ed Below Dark Surfac	e (A11)		ed Dark Surfac			2	
	Dark Surface (A12)			Depressions ((F8)			ors of hydrophytic vegetation and
	Mucky Mineral (S1)		vernal	Pools (F9)				and hydrology must be present,
Sandy	Gleyed Matrix (S4)						unie	ss disturbed or problematic.
Restrictive	Layer (if present):							
Type: sł	novel refusal							
Depth (in	ches): 12						Hydric Soil	Present? Yes Nox
UVDDOLO	OCV.							
HYDROLO		-						Secondary Indicators (2 or more required)
	lydrology Indicators dicators (minimum of o		· check all that ann	alv)			2	Water Marks (B1) (Riverine)
		one required						
	e Water (A1)		Salt Cru	, ,			-	Sediment Deposits (B2) (Riverine)
	Vater Table (A2)			rust (B12)	(D40)		_	Drift Deposits (B3) (Riverine)
	tion (A3)			Invertebrates			_	Drainage Patterns (B10)
	Marks (B1) (Nonriver			en Sulfide Odd		Listaa Da	-+- (00)	Dry-Season Water Table (C2)
	ent Deposits (B2) (No			d Rhizosphere	_		ots (C3)	Thin Muck Surface (C7)
	eposits (B3) (Nonrive	rine)		e of Reduced				Crayfish Burrows (C8)
	e Soil Cracks (B6)	l (DZ)		ron Reduction		a Solis (C	o) <u> </u>	Saturation Visible on Aerial Imagery (C9)
	ation Visible on Aerial	imagery (B7)		ck Surface (C	,		_	Shallow Aquitard (D3)
vvater-	-Stained Leaves (B9)		Other (E	xplain in Rem	iarks)		_	FAC-Neutral Test (D5)
Field Obse	rvations:							
Surface Wa			No Depth (in	ches):		_		
Water Table	e Present?	'es	No Depth (in			_		
Saturation F (includes ca	Present? Y apillary fringe)	'es	No Depth (in	ches):		Wetla	and Hydrolo	ogy Present? Yes No x
Describe Re	corded Data (stream	gauge, monit	toring well, aerial p	hotos, previou	us insped	ctions), if	available:	
Damada, N								
remarks: N	o wetland hydrology i	เนเซลเงาร 009	servea.					

Project/Site: Southwest Village Specific Plan Project		City/Count	y: San Dieg	0	_Sampling Da	ate: <u>6/27/2</u>	.3
Applicant/Owner: Tri Point Homes				State: CA	Sampling Po	oint: VPHC	P1757-U
Investigator(s): Andrew Smisek		Section,	Γownship, R	tange: Section 31, T18S	R01W		
Landform (hillslope, terrace, etc.): mesa		Local reli	ef (concave,	, convex, none): none		Slope (%):	0
Subregion (LRR): C	Lat:	32.54532		Long: <u>-117.02273</u>	D	atum: NAD	83
Soil Map Unit Name: Olivenhain cobbly loam, 9-30% s	lopes			NWI classification	on: none		
Are climatic / hydrologic conditions on the site typical fo	r this time of	fyear? Yes	x No	o(If no, explain ir	n Remarks.)		
Are Vegetation, Soil, or Hydrology	signif	icantly disturbe	ed? .	Are "Normal Circumstance	es" present? `	Yes x	No
Are Vegetation, Soil, or Hydrology	natura	ally problemati	c?	(If needed, explain any an	swers in Rem	arks.)	
SUMMARY OF FINDINGS – Attach site map sl	nowing sa	mpling poin	t location	s, transects, importan	it features,	etc.	
Hydrophytic Vegetation Present? Yes	No x	1- 41-	. 0	A			
Hydric Soil Present? Yes	No x		e Sampled in a Wetlan	Yes	No _	Х	
Wetland Hydrology Present? Yes	No x		ii a wellan	u.			
Remarks: Paired sample point for feature #VPHCP17 VEGETATION – Use scientific names of plants	S.						
<u>Tree Stratum</u> (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work			
1.	70 COVE	орескез:	Status	Number of Dominant S That Are OBL, FACW,		0	(A)
2.				Total Number of Domin	_		('')
3.				Species Across All Stra		2	(B)
4.				Percent of Dominant Sp			, ,
		= Total Cove	r	That Are OBL, FACW,	or FAC:	0	(A/B)
Sapling/Shrub Stratum (Plot size:)							
Artemisia californica	30	Y	UPL	Prevalence Index wor	ksheet:		
2				Total % Cover of:		lultiply by:	_
3				OBL species			_
4				FACW species	x 2 =		_
5				FACIL appeies	x 3 =		_
Herb Stratum (Plot size:)		= Total Cover	ſ	FACU species UPL species 90	x 4 = x 5 =	450	_
1. Centaurea melitensis	10	N	UPL	Column Totals: 90			(B)
Avena sp.	40	<u> </u>	UPL	Column Totals.	(71)	400	_(5)
3. Bromus rubens	10		UPL	Prevalence Inde	x = B/A = <u>5</u>		_
Stephanomeria diegensis	1		NI	Hydrophytic Vegetation	on Indicators		
5.				Dominance Test			
6.				Prevalence Index			
7.				Morphological Ac		rovide supp	orting
8.				data in Remar	rks or on a ser	parate shee	∍t)
	61	= Total Cove	er er	Problematic Hydi	rophytic Vege	tation¹ (Exp	olain)
Woody Vine Stratum (Plot size:)							
1				¹ Indicators of hydric so			must
2				be present, unless dist	turbed or prob	lematic.	
	91	= Total Cove	r	Hydrophytic			
	ver of Biotic	-		Vegetation Present?	es	Nox	_
Remarks: The sample area does not support a predom	ninance of hy	ydrophytic veg	etation.			_	

SOIL Sampling Point:

Redox Features

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth

Matrix

(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Textu	ure Remarks
0-10	10YR 2/1	100					clay loan	n
	_						- <u> </u>	
	- -	 						
	_							
	- -	 						
	_							
	_						_	
1Tupo: C-C	oncentration, D=Deplet	tion DM-Radua	ad Matrix, CS-Cayara	d or Cootoo	Cond Crain	2	Location: DI	.=Pore Lining, RC=Root Channel, M=Matrix.
			•			5.		-
•	il Indicators: (Appl	icable to all L			•			tors for Problematic Hydric Soils ³ :
	ol (A1)			Redox (S5				cm Muck (A9) (LRR C)
	Epipedon (A2)			Matrix (S				cm Muck (A10) (LRR B)
	Histic (A3)			Mucky Mir				educed Vertic (F18)
	gen Sulfide (A4) ed Layers (A5) (LRF	C/		Gleyed Ma d Matrix (F				ed Parent Material (TF2)
	eu Layers (AS) (LRF Muck (A9) (LRR D)	(C)		o ivialiix (r Dark Surfa	,		0	her (Explain in Remarks)
	ted Below Dark Surfa	ace (A11)			rface (F7)			
	Dark Surface (A12)	ace (ATT)		Dark Su Depression	, ,		3Indicat	tors of hydrophytic vegetation and
	Mucky Mineral (S1)			Pools (F9)	13 (1 0)			tland hydrology must be present,
	Gleyed Matrix (S4)	'	vcman	0013 (1 3)				ess disturbed or problematic.
							J	ood distalled of problematic.
	Layer (if present):							
	hovel refusal							
Depth (in	nches): 10						Hydric So	il Present? Yes No x
HYDROLC	OGY							
Wetland F	Hydrology Indicator	rs:						Secondary Indicators (2 or more required)
Primary In	dicators (minimum c	of one required	l; check all that appl	y)				Water Marks (B1) (Riverine)
Surfac	ce Water (A1)		Salt Crus	t (B11)				Sediment Deposits (B2) (Riverine)
High V	Vater Table (A2)		Biotic Cru	ıst (B12)				Drift Deposits (B3) (Riverine)
Satura	ation (A3)		Aquatic Ir	nvertebrat	es (B13)			Drainage Patterns (B10)
Water	Marks (B1) (Nonriv	rerine)	— Hydroger	Sulfide C	Odor (C1)			Dry-Season Water Table (C2)
Sedim	nent Deposits (B2) (N	Nonriverine)	Oxidized	Rhizosph	eres along	Living Ro	ots (C3)	Thin Muck Surface (C7)
	eposits (B3) (Nonri				ed Iron (C	_	` ,	Crayfish Burrows (C8)
	ce Soil Cracks (B6)	,	Recent Ir	on Reduc	tion in Tille	d Soils (C	6)	Saturation Visible on Aerial Imagery (C9)
	ation Visible on Aeria	al Imagery (B7		k Surface			- /	Shallow Aquitard (D3)
	-Stained Leaves (B9		· —	plain in R				FAC-Neutral Test (D5)
	•	• • • • • • • • • • • • • • • • • • • •		CPICHT III I	omano,			
Field Obse		.,						
	ater Present?		No Depth (inc			_		
Water Tabl		Yes	No Depth (inc			_		
	apillary fringe)		No Depth (inc					logy Present? Yes No x
Describe Re	ecorded Data (stream	n gauge, moni	toring well, aerial ph	notos, prev	ious inspe	ctions), if	available:	
Domeste *	lo viole e el les electiones	, indicate :: . !	aan ta d					
rtemarks: N	No wetland hydrology	y indicators ob	servea.					

Project/Site: Southwest Village Spec	ific Plan Project		City/Coun	ty: San Dieg	0	Sam	npling Date	: <u>6/21/2</u>	23
Applicant/Owner: Tri Point Homes					State:	CA Sam	npling Point	t: <u>VPHC</u>	:P1758-L
Investigator(s): Andrew Smisek			Section,	Township, R	tange: Section 31,	T18S R01W	<u> </u>		
Landform (hillslope, terrace, etc.): me	sa		Local reli	ief (concave	convex, none): no	ne	Slo	pe (%):	0
Subregion (LRR): C		Lat:	32.54588		Long: -117.0245	2	Datu	ım: <u>NAD</u>	183
Soil Map Unit Name: Olivenhain cob	bly loam, 9-30%	slopes			NWI clas	sification: no	one		
Are climatic / hydrologic conditions or	the site typical fo	or this time o	f year? Yes	x No	o(If no, ex	plain in Rem	arks.)		
Are Vegetation, Soil	, or Hydrology	signif	icantly disturbe	ed?	Are "Normal Circum	nstances" pre	esent? Yes	s <u>x</u>	No
Are Vegetation, Soil	<u>,</u> or Hydrology _	natur	ally problemat	ic?	(If needed, explain	any answers	in Remark	(s.)	
SUMMARY OF FINDINGS – Att	ach site map s	howing sa	mpling poir	nt location	s, transects, imp	ortant feat	tures, etc	; .	
Hydrophytic Vegetation Present?	Yes	No x							
Hydric Soil Present?	Yes			e Sampled	Y	es	No x	(
Wetland Hydrology Present?	Yes	No x	with	in a Wetlan	a?				
Remarks: Paired sample point for fe	asture #\/PHCP1	758							
VEGETATION – Use scientific	<u> </u>	Ss. Absolute	Dominant	Indicator	Dominance Tes	t worksheet			
Tree Stratum (Plot size:)	% Cover	Species?	Status	Number of Domin			0	(A)
2.					Total Number of Species Across A				
3.					Percent of Domir		. —	2	(B)
4			= Total Cove		That Are OBL, F			0	(A/B)
Sapling/Shrub Stratum (Plot size:)		= Total Cove	;I					
1. Simmondsia chinensis	′	40	Y	UPL	Prevalence Inde	ex workshee			
2.		·			Total % Cov			iply by:	
3.					OBL species	0	x 1 =	0	
4.					FACW species	0	x 2 =	0	_
5.					FAC species	0	x 3 =	0	
		40	= Total Cove	er	FACU species	8	x 4 =	32	_
Herb Stratum (Plot size:)				UPL species	87	x 5 =	435	
Deinandra fasciculata		2	N	FACU	Column Totals:	95	(A)	267	(B)
2. Bromus rubens		40	Y	UPL	Prevalen	ce Index = B/	/A = <u>4.6</u>		
3. Avena sp		5	N	UPL					
4. Centaurea melitensis		2	N	UPL	Hydrophytic Ve	_			
5. Bromus diandrus		2	N	FACU		e Test is >50			
Nicotiana clevelandii Lamarckia aurea		2	N	FACU FACU		e Index is ≤3			
Lamarckia aurea Phacelia cicutaria		2	N	NI	· ·	ical Adaptati Remarks or	,		_
o. I nacella ciculana		57	= Total Cov			ic Hydrophyt	•		,
Woody Vine Stratum (Plot size:)		- 10tai 001	O.	I TODIETHAL	Стушорну	ic vegetati	טוו (באן	Janij
1.					¹ Indicators of hy	dric soil and	wetland h	vdroloav	/ must
2.		·			be present, unle				
		97	= Total Cove	er	Hydrophytic Vegetation				
% Bare Ground in Herb Stratum	% C	over of Biotic	Crust		Present?	Yes	N	lo x	
Remarks: The sample area does not	support a predor	ninance of h	ydrophytic veg	getation.	1				
_			. •						

Depth _	Matrix			Re				_					
(inches)	Color (moist)	%	Cold	or (moist)	%	Type ¹	Loc ²	Text	ure		Rem	arks	
0-18	10YR 3/3	100						loamy c	lay				
						· —— –							
						·							
			-			· —— –		-					
			-			· —— -							
			•			· —— -							
1- 00							2			. 50 5			
	centration, D=Depletic							Location: Pl					
Hydric Soil I	ndicators: (Applic	cable to all I	LRRs, ι					Indica	tors for	Problem	atic Hydr	ic Soils ³ :	
Histosol (. ,				Redox (S5)				cm Muck	. , .			
	ipedon (A2)				l Matrix (S	,			cm Muck				
Black His	stic (A3)				Mucky Min			R	educed V	ertic (F18	3)		
Hydroger	n Sulfide (A4)			Loamy (Gleyed Ma	ıtrix (F2)		R	ed Paren	t Material	(TF2)		
Stratified	Layers (A5) (LRR	C)		Depleted	d Matrix (F	- 3)		O	ther (Exp	lain in Re	emarks)		
1 cm Mud	ck (A9) (LRR D)			Redox D	Oark Surfa	ce (F6)							
Depleted	Below Dark Surface	ce (A11)		Depleted	d Dark Su	rface (F7)							
Thick Dar	rk Surface (A12)			Redox D	Depression	ns (F8)					c vegetati		
Sandy Mu	ucky Mineral (S1)			Vernal F	Pools (F9)			we	tland hyd	Irology m	ust be pre	esent,	
Sandy Gl	eyed Matrix (S4)							un	less distu	irbed or p	roblemati	C.	
Restrictive La	ayer (if present):												
Type:													
Type: Depth (inche	es):							Hydric Sc	oil Preser	nt? \	es/es	No	х
Depth (inche	es):hydric soil indicato	ors observed	J.					Hydric So	oil Preser	nt? \	/es	No_	Х
Depth (inche	hydric soil indicate	ors observed	i.					Hydric So	oil Preser	nt? \	'es	No_	х
Depth (inche Remarks: No	hydric soil indicate		1.					Hydric Sc			cators (2		
Depth (inche Remarks: No IYDROLOG Wetland Hyd	hydric soil indicate	3:		c all that appl	y)			Hydric So	Second	lary Indi	cators (2	or more	
Depth (inche Remarks: No IYDROLOG Wetland Hyd Primary Indic	hydric soil indicate Y drology Indicators eators (minimum of	3:						Hydric So	Second	lary Indi er Marks	cators (2	or more	requir
Depth (inche Remarks: No IYDROLOG Wetland Hyd Primary Indic Surface V	Y drology Indicators ators (minimum of	3:		Salt Crus	t (B11)			Hydric So	Second Wat	lary Indi e er Marks liment De	cators (2 (B1) (Riverposits (B2	or more rerine) 2) (Riveri	requir
Depth (inche Remarks: No IYDROLOG Wetland Hyd Primary Indic Surface V High Wat	Y drology Indicators ators (minimum of Water (A1) ter Table (A2)	3:		Salt Crus Biotic Cru	t (B11) ust (B12)	oc /P12)		Hydric So	Second Wat	lary India er Marks liment De Deposit:	cators (2 (B1) (Riv eposits (B2 s (B3) (Riv	or more rerine) 2) (Riveri verine)	requir
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Depth (inche Remarks: No Primary Indic Surface No High Wat Saturatio Water Ma Sediment	Y drology Indicators eators (minimum of Water (A1) ter Table (A2) in (A3) arks (B1) (Nonrive t Deposits (B2) (No	one required orine) onriverine)		Salt Crus Biotic Cru Aquatic In Hydroger Oxidized	t (B11) ust (B12) nvertebrate n Sulfide C	Odor (C1) eres along L	-		Second Wat Sed Driff Dra Dry Thir	lary Indie er Marks iment De Depositi inage Pa -Season	cators (2 (B1) (Riverposits (B2) s (B3) (Riverposits (B1) water Tall	or more rerine) 2) (Riveri verine) 0) ole (C2)	requir
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Project/Site: Southwest Village Specific Plan P	roject	City/Cour	nty: San Dieg	0	Sampling Date:	6/15/23
Applicant/Owner: Tri Point Homes				State: CA	Sampling Point	VPCHP2068-U
Investigator(s): Andrew Smisek		Section,	Township, R	Range: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local re	lief (concave	, convex, none): none	Slop	oe (%): 2
Subregion (LRR): C	Lat:	32.55348		Long: -117.02269	Datu	m: NAD83
Soil Map Unit Name: Huerhuero loam, 2-9% s	lopes			NWI classificat	tion: none	
Are climatic / hydrologic conditions on the site t	ypical for this time	of year? Yes	x No	o(If no, explain i	n Remarks.)	
Are Vegetation, Soil, or Hydr	ologysigr	nificantly disturb	ped?	Are "Normal Circumstand	ces" present? Yes	x No
Are Vegetation, Soil, or Hydr	ologynati	urally problema	tic?	(If needed, explain any a	nswers in Remark	s.)
SUMMARY OF FINDINGS – Attach site	map showing s	sampling poi	nt location	s, transects, importa	nt features, etc	•
Hydrophytic Vegetation Present? Yes	x No					
Hydric Soil Present? Yes	No x		he Sampled hin a Wetlan	Yes	No x	
Wetland Hydrology Present? Yes	Nox	VVIC	illi a vvetiali	u:		
VEGETATION – Use scientific names o	•					
Tree Stratum (Plot size:	Absolute Market Street Absolute Cover		Indicator Status	Number of Dominant S That Are OBL, FACW,	Species	1 (A)
2				Total Number of Domin Species Across All Stra	nant	1 (B)
4.				Percent of Dominant S	Species	(D)
		= Total Cov	er	That Are OBL, FACW,	or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:)	_				
simmondsia chinensis	10	N	NI	Prevalence Index wo	rksheet:	
2				Total % Cover of:	Multip	oly by:
3				OBL species	x 1 =	
4				FACW species	x 2 =	
5				FAC species	x 3 =	
Llowb Chrotring (Dlot size)		= Total Cov	er	FACU species		
Herb Stratum (Plot size:	_)	N	FAC	UPL species Column Totals:	x 5 =	-
 Festuca perennis Hordeum murinum 	<u>85</u> 4	N	FAC FACU	Column rotals.	(A)	(B)
3. Bromus diandrus		N	FACU	Prevalence Ind	ex = B/A =	
4.			1700	Hydrophytic Vegetati	ion Indicators:	
5.				x Dominance Test		
6.				Prevalence Inde		
7.					daptations ¹ (Provi	de supportina
8.					arks or on a separa	
		= Total Co	ver	Problematic Hyd	drophytic Vegetation	on¹ (Explain)
Woody Vine Stratum (Plot size:)					
1. 2.				¹ Indicators of hydric s be present, unless dis		
% Bare Ground in Herb Stratum	% Cover of Biot	= Total Cov	er	Hydrophytic Vegetation Present?	Yes x N	0
	-			r resent!	1 CO X IV	<u> </u>
Remarks: The sample area supports a predom	inance of hydroph	ytic vegetation				

(inches)	Color (moist)	% C	olor (moist)	<u>euox reali</u> %	Type ¹	Loc ²	_ Texture	Remarks
			olor (molot)		1,700	200		Nomano
0-12	10YR 4/2	100			· ·		sandy clay	
·					- · · <u> · · · · · · · · · · · · ·</u>			
					· ·		-	
					- · · <u> · · · · · · · · · · · ·</u>			
¹ Type: C=Co	ncentration, D=Depletion	n, RM=Reduced M	atrix, CS=Covere	ed or Coated	Sand Grains	S. ²	Location: PL=P	ore Lining, RC=Root Channel, M=Matrix.
Hydric Soi	I Indicators: (Applic	able to all LRRs	, unless othe	rwise note	ed.)			s for Problematic Hydric Soils ³ :
Histoso				Redox (S5				Muck (A9) (LRR C)
	pipedon (A2)			d Matrix (S	,			Muck (A10) (LRR B)
	listic (A3)			Mucky Mir	,			ced Vertic (F18)
Hydrog	en Sulfide (A4)			Gleyed Ma				Parent Material (TF2)
Stratifie	d Layers (A5) (LRR (C)	Deplete	ed Matrix (F	- 3)		Other	(Explain in Remarks)
1 cm M	uck (A9) (LRR D)		Redox	Dark Surfa	ice (F6)			
	ed Below Dark Surfac	e (A11)		ed Dark Su				
	ark Surface (A12)			Depression	. ,			s of hydrophytic vegetation and
	Mucky Mineral (S1)		Vernal	Pools (F9)				nd hydrology must be present,
Sandy	Gleyed Matrix (S4)						unless	s disturbed or problematic.
Restrictive	Layer (if present):							
Type: sh	ovel refusal							
Depth (inc	hes): 12						Hydric Soil P	Present? Yes No x
								
HYDROLO		_					0.	
	ydrology Indicators		and all that ann	. 1. 4			<u> 36</u>	econdary Indicators (2 or more required)
	licators (minimum of o	one requirea; che						Water Marks (B1) (Riverine)
·	e Water (A1)		Salt Cru	, ,				_ Sediment Deposits (B2) (Riverine)
	ater Table (A2)			rust (B12)			_	_ Drift Deposits (B3) (Riverine)
	ion (A3)			Invertebrat			_	_ Drainage Patterns (B10)
	Marks (B1) (Nonriver			n Sulfide C				_ Dry-Season Water Table (C2)
	ent Deposits (B2) (No				eres along	-	ots (C3)	_ Thin Muck Surface (C7)
	eposits (B3) (Nonrive	rine)			ced Iron (C			_ Crayfish Burrows (C8)
	Soil Cracks (B6)	. (5-)			tion in Tilled	d Soils (C	6)	_ Saturation Visible on Aerial Imagery (C9)
	tion Visible on Aerial	Imagery (B7)		ck Surface	. ,		_	_ Shallow Aquitard (D3)
Water-	Stained Leaves (B9)		Other (E	xplain in R	lemarks)			_FAC-Neutral Test (D5)
Field Obser	vations:							
Surface Wa		'es No_						
Water Table	Present? Y	'es No_						
Saturation F		'es No_	Depth (in	ches):		Wetla	and Hydrolog	y Present? Yes No x
	pillary fringe) corded Data (stream e	nauge monitorin	n well periol n	hotos pro	vious inspo	rtions) if	availahla.	
Describe Nec	orded Data (Stream)	gauge, monitorin	g well, aeriai p	notos, pre	vious irispe	cuoris), ii e	avallable.	
Remarks: No	wetland hydrology in	ndicators observ	ed.					
	, 3,							

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Project/Site: Southwest Village Specific Plan Project		City/Coun	nty: San Dieg	0	_Sampling Date:	6/27/23
Applicant/Owner: Tri Point Homes				State: CA	_Sampling Point:	: VPHCP2337-U
Investigator(s): Andrew Smisek		Section,	Township, R	ange: Section 31, T18S	R01W	
Landform (hillslope, terrace, etc.): mesa		Local re	lief (concave,	convex, none): none	Slop	oe (%): 0
Subregion (LRR): C	Lat:	32.54806		Long: -117.01409	Datu	m: NAD83
Soil Map Unit Name: Olivenhain cobbly loam, 9-30%	slopes			NWI classificati	on: none	
Are climatic / hydrologic conditions on the site typical for	or this time o	f year? Yes	x No	o(If no, explain ir	n Remarks.)	
Are Vegetation, Soil, or Hydrology _	signif	icantly disturb	ed?	Are "Normal Circumstance	es" present? Yes	xNo
Are Vegetation, Soil, or Hydrology _	natur	ally problema	tic?	(If needed, explain any an	swers in Remark	s.)
SUMMARY OF FINDINGS – Attach site map s	howing sa	mpling poi	nt location	s, transects, importar	ıt features, etc	
Hydrophytic Vegetation Present? Yes x	No	1- 4	011	A		
Hydric Soil Present? Yes			he Sampled hin a Wetlan	Yes	Nox	
Wetland Hydrology Present? Yes	No x	_ ****	iii a wedan	u:		
VEGETATION – Use scientific names of plant		Dominant	Indicator	Dominance Test work	roboot.	
<u>Tree Stratum</u> (Plot size:) 1.	Absolute % Cover	Dominant Species?	Indicator Status	Number of Dominant S That Are OBL, FACW,	pecies	1 (A)
2				Total Number of Domin Species Across All Stra	nant ——	1 (B)
4.				Percent of Dominant Sp		
		= Total Cove	ər	That Are OBL, FACW,	or FAC:	100 (A/B)
Sapling/Shrub Stratum (Plot size:)						
1				Prevalence Index wor	ksheet:	
2				Total % Cover of:		ply by:
3				OBL species	x 1 =	
4				FACW species	x 2 =	
5				FAC species FACU species	x 3 =	
Herb Stratum (Plot size:)		= Total Cove	er	UPL species	x 4 = x 5 =	
1. Festuca perennis	70	Y	FAC	Column Totals:		
Malvella leprosa	15	N	FACU			
3. Glebionis coronaria	1	N	UPL	Prevalence Inde	ex = B/A =	
4. Avena sp	5	N	UPL	Hydrophytic Vegetation	on Indicators:	
5.	-			x Dominance Test	is >50%	
6.	- 			Prevalence Index	< is ≤3.0¹	
7.				Morphological Ad	daptations¹ (Provi	de supporting
8				data in Rema	rks or on a separa	ate sheet)
	91	= Total Cov	/er	Problematic Hydi	rophytic Vegetation	on¹ (Explain)
Woody Vine Stratum (Plot size:)						
1 2.				¹ Indicators of hydric so be present, unless dis		
	91	= Total Cove	er	Hydrophytic		
% Bare Ground in Herb Stratum % Co	over of Biotic	Crust		Vegetation Present?	es x N	0
Remarks: The sample area supports a predominance	of hydrophy	tic vegetation.				

SOIL Sampling Point: <u>VPHCP2337-U</u>

Depth _	Matrix		P	Redox Feat			_				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Text	ure	R	emarks	
0-18	10YR 4/3	100					sandy lo	am			
				_							
	•										
¹ Type: C=Conc	centration, D=Depletion	, RM=Reduce	d Matrix, CS=Cover	ed or Coated	d Sand Grains	i. :	Location: PL	.=Pore Lining, I	RC=Root Ch	annel, M=	Matrix.
Hydric Soil II	ndicators: (Applica	ble to all LF	RRs, unless other	rwise not	ed.)		Indica	tors for Prob	olematic H	ydric So	ils³:
Histosol ((A1)		Sandy	Redox (S5	5)		1	cm Muck (A9)	(LRR C)		
Histic Epi	ipedon (A2)			ed Matrix (S			2	cm Muck (A1	0) (LRR B)		
Black His				Mucky Mi				educed Vertic	` ,		
	n Sulfide (A4)			Gleyed Ma				ed Parent Ma			
	Layers (A5) (LRR C	()		ed Matrix (Ot	her (Explain i	n Remarks	5)	
	ck (A9) (LRR D)			Dark Surfa	` ,						
	Below Dark Surface	e (A11)		ed Dark Su			21 11				
	rk Surface (A12)			Depressio				tors of hydro	-		
	ucky Mineral (S1)		vernai	Pools (F9))			tland hydrolo			
Sandy Gi	leyed Matrix (S4)						uni	ess disturbed	or probler	natic.	
Restrictive I:	ayer (if present):										
INCOLLICE LE											
Type:											
Type:	es): hydric soil indicator:	s observed.	_				Hydric Sc	il Present?	Yes		No <u>x</u>
Type: Depth (inche Remarks: No	hydric soil indicator	s observed.	_				Hydric Sc	il Present?	Yes		No <u>x</u>
Type: Depth (inche Remarks: No	hydric soil indicator	s observed.					Hydric So		_		
Type: Depth (inche Remarks: No HYDROLOG' Wetland Hyd	hydric soil indicators Y drology Indicators:						Hydric Sc	Secondary	Indicators	(2 or mo	ore requi
Type: Depth (inche Remarks: No HYDROLOG Wetland Hyd Primary Indice	Y drology Indicators: eators (minimum of o						Hydric Sc	Secondary Water M	Indicators	(2 or mo	pre requi
Type:	Y drology Indicators: eators (minimum of o		Salt Cru	ıst (B11)			Hydric Sc	Secondary Water M Sedimer	Indicators larks (B1) ((2 or mo	ore requi
Type: Depth (inches Remarks: No HYDROLOG Wetland Hyd Primary Indic Surface V High Wat	Y drology Indicators: ators (minimum of o Water (A1) ter Table (A2)		Salt Cru	rust (B11)			Hydric Sc	Secondary Water M Sedimer Drift Dep	Indicators larks (B1) (nt Deposits posits (B3)	(2 or mo	ore requi
Type: Depth (inche Remarks: No HYDROLOG Wetland Hyd Primary Indica Surface V High Wat Saturation	Y drology Indicators: eators (minimum of o Water (A1) ter Table (A2) on (A3)	ne required;	Salt Cru Biotic C Aquatic	rust (B11) rust (B12) Invertebra	, ,		Hydric So	Secondary Water M Sedimer Drift Dep Drainage	Indicators larks (B1) (nt Deposits posits (B3) e Patterns	(2 or mo Riverine (B2) (Riv (Riverine (B10)	ore requi) verine)
Type: Depth (inche Remarks: No HYDROLOG Wetland Hyd Primary Indic: Surface V High Wat Saturation Water Ma	Y drology Indicators: eators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri	ne required;	Salt Cru Biotic C Aquatic Hydrog	rust (B11) rust (B12) Invertebra en Sulfide (Odor (C1)			Secondary Water M Sedimer Drift Dep Drainage Dry-Sea	Indicators larks (B1) (nt Deposits (B3) e Patterns son Water	(2 or mo Riverine (B2) (Riv (Riverine (B10) Table (C	ore requi) verine)
Type: Depth (inche Remarks: No HYDROLOG Wetland Hyd Primary Indic: Surface V High Wat Saturation Water Ma Sediment	Y drology Indicators: eators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri at Deposits (B2) (Nor	ne required; ne) nriverine)	Salt Cru Biotic C Aquatic Hydrogu Oxidize	ist (B11) rust (B12) Invertebra en Sulfide (d Rhizosph	Odor (C1) neres along l	•		Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu	Indicators larks (B1) (ant Deposits cosits (B3) e Patterns son Water ck Surface	(2 or mc Riverine (B2) (Riv (Riverine (B10) Table (C (C7)	ore requi) verine)
Type: Depth (inches Remarks: No HYDROLOG Wetland Hyd Primary Indic: Surface V High Wat Saturatio Water Mat Sediment Drift Depo	y drology Indicators: eators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri tt Deposits (B2) (Nor osits (B3) (Nonriver	ne required; ne) nriverine)	Salt Cru Biotic C Aquatic Hydrog Oxidize Presence	ust (B11) rust (B12) Invertebra en Sulfide (d Rhizosph	Odor (C1) neres along l ced Iron (C4)	oots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish	Indicators larks (B1) (nt Deposits posits (B3) e Patterns son Water ck Surface Burrows ((2 or mo Riverine (B2) (Riverine (B10) Table (C (C7) C8)	ore requi) verine) e)
Type: Depth (inches Remarks: No HYDROLOG Wetland Hyd Primary Indica Surface V High Wat Saturation Water Mat Sediment Drift Depo	y drology Indicators: eators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri ot Deposits (B2) (Nor osits (B3) (Nonriver Soil Cracks (B6)	ne required; ne) nriverine) ine)	Salt Cru Biotic C Aquatic Hydrog Oxidize Present	ust (B11) rust (B12) Invertebra en Sulfide (d Rhizosph ce of Reduc	Odor (C1) neres along loced Iron (C4)	oots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatio	Indicators larks (B1) (ant Deposits cosits (B3) e Patterns son Water ck Surface Burrows (on Visible c	(2 or mo Riverine (B2) (Riv (Riverine (B10) Table (C (C7) C8) on Aerial	ore requi) verine) e)
Type: Depth (inche Remarks: No HYDROLOG Wetland Hyd Primary Indica Surface V High Wat Saturation Water Ma Sediment Drift Depo	Y drology Indicators: eators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri at Deposits (B2) (Nor osits (B3) (Nonriver Soil Cracks (B6) on Visible on Aerial In	ne required; ne) nriverine) ine)	Salt Cru Biotic C Aquatic Hydrog Oxidize Present	ust (B11) rust (B12) Invertebra en Sulfide (d Rhizosph	Odor (C1) neres along loced Iron (C4)	oots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow	Indicators larks (B1) (ant Deposits posits (B3) e Patterns son Water ck Surface Burrows (Con Visible of	(2 or mc Riverine (B2) (Riv (Riverine (B10) Table (C (C7) C8) on Aerial	ore requi) verine) e)
Type: Depth (inche Remarks: No HYDROLOG Wetland Hyd Primary Indica Surface V High Wat Saturation Water Ma Sediment Drift Depo	y drology Indicators: eators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri ot Deposits (B2) (Nor osits (B3) (Nonriver Soil Cracks (B6)	ne required; ne) nriverine) ine)	Salt Cru Biotic C Aquatic Hydrog Oxidize Presend Recent Thin Mu	ust (B11) rust (B12) Invertebra en Sulfide (d Rhizosph ce of Reduc	Odor (C1) heres along lead Iron (C4 ction in Tilled)	oots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow	Indicators larks (B1) (ant Deposits cosits (B3) e Patterns son Water ck Surface Burrows (on Visible c	(2 or mc Riverine (B2) (Riv (Riverine (B10) Table (C (C7) C8) on Aerial	ore requi) verine) e)
Type: Depth (inche Remarks: No HYDROLOG Wetland Hyd Primary Indica Surface V High Wat Saturation Water Ma Sediment Drift Depo	Y drology Indicators: eators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri tt Deposits (B2) (Nor osits (B3) (Nonriver Soil Cracks (B6) on Visible on Aerial In tained Leaves (B9)	ne required; ne) nriverine) ine)	Salt Cru Biotic C Aquatic Hydrog Oxidize Presend Recent Thin Mu	ust (B11) rust (B12) Invertebra en Sulfide (d Rhizosph ce of Reduct Iron Reduct ick Surface	Odor (C1) heres along lead Iron (C4 ction in Tilled)	oots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow	Indicators larks (B1) (ant Deposits posits (B3) e Patterns son Water ck Surface Burrows (on Visible of Aquitard (I	(2 or mc Riverine (B2) (Riv (Riverine (B10) Table (C (C7) C8) on Aerial	ore requi) verine) e)
Type: Depth (inche Remarks: No HYDROLOG Wetland Hyd Primary Indic: Surface V High Wat Saturatio Water Ma Sediment Drift Dept Surface S Inundatio Water-Sta	y drology Indicators: eators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri at Deposits (B2) (Nor cosits (B3) (Nonriver Soil Cracks (B6) on Visible on Aerial In cained Leaves (B9) ations:	ne required; ne) nriverine) ine) magery (B7)	Salt Cru Biotic C Aquatic Hydrog Oxidize Presend Recent Thin Mu	Ist (B11) rust (B12) Invertebra en Sulfide (d Rhizosph ce of Reduction Reduction Reduction Respondent in F	Odor (C1) heres along lead Iron (C4 ction in Tilled)	oots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow	Indicators larks (B1) (ant Deposits posits (B3) e Patterns son Water ck Surface Burrows (on Visible of Aquitard (I	(2 or mc Riverine (B2) (Riv (Riverine (B10) Table (C (C7) C8) on Aerial	ore requi) verine) e)
Type: Depth (inche Remarks: No HYDROLOG Wetland Hyd Primary Indic: Surface V High Water Ma Sediment Drift Depre Surface S Inundatio Water-Sta	Y drology Indicators: eators (minimum of orwater (A1) ter Table (A2) on (A3) arks (B1) (Nonrivering the Deposits (B2) (Nonriversits (B3) (Nonriversits (B3) (Nonriversits (B3) (Nonriversits (B4) (Nonriver	ne required; ne) nriverine) ine) magery (B7)	Salt Cru Biotic C Aquatic Hydrog Oxidize Presend Recent Thin Mu Other (I	Ist (B11) rust (B12) Invertebra en Sulfide (d Rhizosph de of Reduct Iron Reduct ick Surface explain in F	Odor (C1) heres along lead Iron (C4 ction in Tilled)	oots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow	Indicators larks (B1) (ant Deposits posits (B3) e Patterns son Water ck Surface Burrows (on Visible of Aquitard (I	(2 or mc Riverine (B2) (Riv (Riverine (B10) Table (C (C7) C8) on Aerial	ore requi) verine) e)
Type: Depth (inche Remarks: No HYDROLOG Wetland Hyd Primary Indica Surface Water Ma Sediment Drift Depo Surface S Inundatio Water-Sta Field Observa Surface Water Water Table P	Y drology Indicators: eators (minimum of orwards) water (A1) ter Table (A2) on (A3) arks (B1) (Nonrivering to Deposits (B2) (Nonrivering to Deposits (B3) (Nonrivering to Deposits (B6)) on Visible on Aerial Interior (B9) ations: r Present? Yeresent? Yeresent?	ne required; ne) nriverine) ine) magery (B7)	Salt Cru Biotic C Aquatic Hydrog Oxidize Presend Recent Thin Mu Other (I	Ist (B11) rust (B12) Invertebra en Sulfide (d Rhizosph ce of Reduct Iron Reduct ick Surface Explain in F ches): ches):	Odor (C1) heres along lead Iron (C4 ction in Tilled) I Soils (C	oots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow	Indicators larks (B1) (Int Deposits posits (B3) e Patterns son Water ck Surface Burrows (Interpretation Visible of Aquitard (I Interpretation Visible of Interpretation Visible of Interpretation Visible of Interpretation	(2 or mo Riverine (B2) (Riv (Riverine (B10) Table (C (C7) C8) on Aerial (D3) D5)	ore requi) verine) e)
Type: Depth (inches Remarks: No HYDROLOG Wetland Hyd Primary Indic: Surface V High Water Mater Mater Sediment Drift Dept Surface S Inundatio Water-Sta	Y drology Indicators: ators (minimum of orward (Ma) arks (B1) (Nonrivering (Ma) arks (B3) (Nonrivering (Ma) arks (B3) (Nonrivering (Ma) arks (B4) (Nonrivering (Ma) arks (B5) (Nonrivering (Ma) arks (B6) (Nonrivering (Ma) arks (B6) (Nonrivering (Ma) arks (B1) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (Ma)	ne required; ne) nriverine) ine) magery (B7)	Salt Cru Biotic C Aquatic Hydrog Oxidize Present Recent Thin Mu Other (I	Ist (B11) rust (B12) Invertebra en Sulfide (d Rhizosph ce of Reduct Iron Reduct ick Surface Explain in F ches): ches):	Odor (C1) heres along lead Iron (C4 ction in Tilled) I Soils (C	oots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow FAC-Ne	Indicators larks (B1) (Int Deposits posits (B3) e Patterns son Water ck Surface Burrows (Interpretation Visible of Aquitard (I Interpretation Visible of Interpretation Visible of Interpretation Visible of Interpretation	(2 or mo Riverine (B2) (Riv (Riverine (B10) Table (C (C7) C8) on Aerial (D3) D5)	ore requi) verine) e) 2)
Type: Depth (inche Remarks: No HYDROLOG Wetland Hyd Primary Indica Surface W High Wat Saturation Water Ma Sediment Drift Depo Surface S Inundatio Water-Sta Field Observa Surface Water Water Table P Saturation Pre (includes capil	Y drology Indicators: ators (minimum of orward (Ma) arks (B1) (Nonrivering (Ma) arks (B3) (Nonrivering (Ma) arks (B3) (Nonrivering (Ma) arks (B4) (Nonrivering (Ma) arks (B5) (Nonrivering (Ma) arks (B6) (Nonrivering (Ma) arks (B6) (Nonrivering (Ma) arks (B1) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (B2) (Nonrivering (Ma) arks (Ma)	ne required; ne) nriverine) ine) magery (B7) es Nes	Salt Cru Biotic C Aquatic Hydroge Oxidize Present Thin Mu Other (I	Ist (B11) rust (B12) Invertebra en Sulfide (d Rhizosph ce of Reduc Iron Reduc ick Surface Explain in F ches): ches): ches):	Odor (C1) neres along l ced Iron (C4 ction in Tillec c (C7) Remarks)) I Soils (C	nots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow FAC-Ne	Indicators larks (B1) (Int Deposits posits (B3) e Patterns son Water ck Surface Burrows (Interpretation Visible of Aquitard (I Interpretation Visible of Interpretation Visible of Interpretation Visible of Interpretation	(2 or mo Riverine (B2) (Riv (Riverine (B10) Table (C (C7) C8) on Aerial (D3) D5)	ore requi) verine) e) 2)
Type: Depth (inche Remarks: No HYDROLOG Wetland Hyd Primary Indica Surface W High Wate Saturation Water Ma Sediment Drift Depo Surface S Inundatio Water-State Water Table P Saturation Pre (includes capil	Y drology Indicators: ators (minimum of orwards) water (A1) ter Table (A2) on (A3) arks (B1) (Nonrivering) to Deposits (B2) (Nonrivering) to Deposits (B3) (Nonrivering) on Visible on Aerial Intained Leaves (B9) ations: r Present? Present? your control of the present of the pr	ne required; ne) nriverine) ine) magery (B7) es Nes	Salt Cru Biotic C Aquatic Hydroge Oxidize Present Thin Mu Other (I	Ist (B11) rust (B12) Invertebra en Sulfide (d Rhizosph ce of Reduc Iron Reduc ick Surface Explain in F ches): ches): ches):	Odor (C1) neres along l ced Iron (C4 ction in Tillec c (C7) Remarks)) I Soils (C	nots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow FAC-Ne	Indicators larks (B1) (Int Deposits posits (B3) e Patterns son Water ck Surface Burrows (Interpretation Visible of Aquitard (I Interpretation Visible of Interpretation Visible of Interpretation Visible of Interpretation	(2 or mo Riverine (B2) (Riv (Riverine (B10) Table (C (C7) C8) on Aerial (D3) D5)	ore requi) verine) e) 2)
Type: Depth (inche Remarks: No HYDROLOG Wetland Hyd Primary Indic: Surface V High Water Ma Sediment Drift Depo Surface S Inundatio Water-Sta Field Observa Surface Water Water Table P Saturation Pre (includes capil Describe Recor	Y drology Indicators: eators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri at Deposits (B2) (Nor osits (B3) (Nonriver Soil Cracks (B6) on Visible on Aerial In tained Leaves (B9) ations: or Present? Ye geent? Ye geent? Ye gillary fringe)	ne required; ne) nriverine) ine) magery (B7) es N es N auge, monito	Salt Cru Biotic C Aquatic Hydrog Oxidize Present Recent Thin Mu Other (I	Ist (B11) rust (B12) Invertebra en Sulfide (d Rhizosph ce of Reduc Iron Reduc ick Surface Explain in F ches): ches): ches):	Odor (C1) neres along l ced Iron (C4 ction in Tillec c (C7) Remarks)) I Soils (C	nots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow FAC-Ne	Indicators larks (B1) (Int Deposits posits (B3) e Patterns son Water ck Surface Burrows (Interpretation Visible of Aquitard (I Interpretation Visible of Interpretation Visible of Interpretation Visible of Interpretation	(2 or mo Riverine (B2) (Riv (Riverine (B10) Table (C (C7) C8) on Aerial (D3) D5)	ore requi) verine) e) 2)
Type: Depth (inche Remarks: No HYDROLOG Wetland Hyd Primary Indic: Surface V High Water Ma Sediment Drift Depo Surface S Inundatio Water-Sta Field Observa Surface Water Water Table P Saturation Pre (includes capil	Y drology Indicators: ators (minimum of orwards) water (A1) ter Table (A2) on (A3) arks (B1) (Nonrivering) to Deposits (B2) (Nonrivering) to Deposits (B3) (Nonrivering) on Visible on Aerial Intained Leaves (B9) ations: r Present? Present? your control of the present of the pr	ne required; ne) nriverine) ine) magery (B7) es N es N auge, monito	Salt Cru Biotic C Aquatic Hydrog Oxidize Present Recent Thin Mu Other (I	Ist (B11) rust (B12) Invertebra en Sulfide (d Rhizosph ce of Reduc Iron Reduc ick Surface Explain in F ches): ches): ches):	Odor (C1) neres along l ced Iron (C4 ction in Tillec c (C7) Remarks)) I Soils (C	nots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow FAC-Ne	Indicators larks (B1) (Int Deposits posits (B3) e Patterns son Water ck Surface Burrows (Interpretation Visible of Aquitard (I Interpretation Visible of Interpretation Visible of Interpretation Visible of Interpretation	(2 or mo Riverine (B2) (Riv (Riverine (B10) Table (C (C7) C8) on Aerial (D3) D5)	ore requi) verine) e) 2)
Type: Depth (inche Remarks: No HYDROLOG Wetland Hyd Primary Indic: Surface V High Water Ma Sediment Drift Depo Surface S Inundatio Water-Sta Field Observa Surface Water Water Table P Saturation Pre (includes capil Describe Recor	Y drology Indicators: eators (minimum of o Water (A1) ter Table (A2) on (A3) arks (B1) (Nonriveri at Deposits (B2) (Nor osits (B3) (Nonriver Soil Cracks (B6) on Visible on Aerial In tained Leaves (B9) ations: or Present? Ye geent? Ye geent? Ye gillary fringe)	ne required; ne) nriverine) ine) magery (B7) es N es N auge, monito	Salt Cru Biotic C Aquatic Hydrog Oxidize Present Recent Thin Mu Other (I	Ist (B11) rust (B12) Invertebra en Sulfide (d Rhizosph ce of Reduc Iron Reduc ick Surface Explain in F ches): ches): ches):	Odor (C1) neres along l ced Iron (C4 ction in Tillec c (C7) Remarks)) I Soils (C	nots (C3)	Secondary Water M Sedimer Drift Dep Drainage Dry-Sea Thin Mu Crayfish Saturatic Shallow FAC-Ne	Indicators larks (B1) (Int Deposits posits (B3) e Patterns son Water ck Surface Burrows (Interpretation Visible of Aquitard (I Interpretation Visible of Interpretation Visible of Interpretation Visible of Interpretation	(2 or mo Riverine (B2) (Riv (Riverine (B10) Table (C (C7) C8) on Aerial (D3) D5)	ore requi) verine) e) 2)



ATTACHMENT 6

Ground Level Color Photographs



PHOTOGRAPH 1 View of Mule Fat Scrub within Western Portion of Review Area, Facing West Photo Date: August 12, 2022



PHOTOGRAPH 2
View of Southern Willow Scrub in Southern Portion of Review Area, Facing South
Photo Date: September 24, 2019





PHOTOGRAPH 3 View of Tamarisk Scrub along Edge of Large Pool in Southern Portion of Review Area, Facing Northeast Photo Date: July 22, 2020





PHOTOGRAPH 4

Close-Up View of Flowering-Quillwort (*Lilaea scilloides*), a Vernal Pool Plant Indicator Species, Surface Cracking, and Biotic Crusts in Vernal Pool #56 Photo Date: April 6, 2018



PHOTOGRAPH 5

View of Dwarf Woollyheads (*Psilocarphus brevissimus*), a Vernal Pool Plant Indicator Species, in Vernal Pool #34, Facing Southeast Photo Date: April 6, 2018





PHOTOGRAPH 6

Close-Up View of Dwarf Woollyheads (*Psilocarphus brevissimus*) and Prairie Plantain (*Plantago elongata*), Vernal Pool Plant Indicator Species, in Vernal Pool #27 Photo Date: April 4, 2018





PHOTOGRAPH 7 Downward Facing View of Disturbed Wetland in Depression #278 Dominated by Mediterranean Barley (*Hordeum marinum*) and Rye Grass (*Festuca perennis*); Photo Date: February 27, 2020



PHOTOGRAPH 8 View of Non-wetland Water Ephemeral Drainage N in Southern Portion of Review Area, Facing Southwest; Photo Date: February 9, 2022.





PHOTOGRAPH 9
View of Vernal Pool Wetland #68 within the Southern
Portion of the Review Area, Looking East
Photo Date: March 26, 2018





PHOTOGRAPH 10 View of Vernal Pool Wetland #235 within Southeastern Portion of Review Area, Looking East Photo Date: March 30, 2020





PHOTOGRAPH 11

View of Depleted Matrix Hydric Soils in Vernal Pool Wetland #393 within the Northcentral Portion of the Review Area, Facing West; Photo Date: May 4, 2023



PHOTOGRAPH 12

Downward Facing View of Redox Dark Surface Hydric Soils in Vernal Pool Wetland P-13/VPHCP1193 within the Eastern Portion of the Review Area Photo Date: May 11, 2023





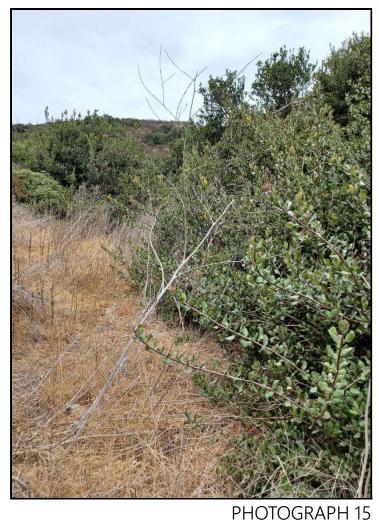
PHOTOGRAPH 13 View of Disturbed Wetland #314 in Southern Portion of Review Area, Looking Northwest Photo Date: March 26, 2020





PHOTOGRAPH 14 View of Non-wetland Water Ephemeral Drainage K in Southern Portion of Review Area, Facing Southwest; Photo Date: January 15, 2020





View of Drainage A in Northern Portion of Review Area, Facing East; Photo Date: August 18, 2021

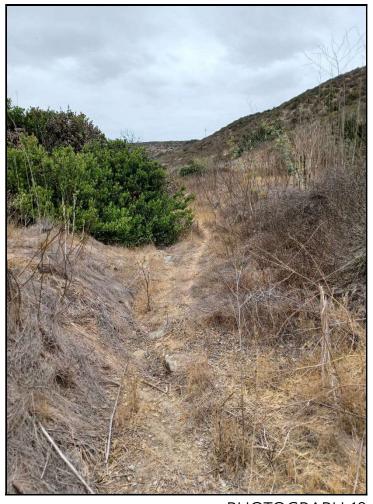


PHOTOGRAPH 16 View of Drainage B(b) in Northern Portion of Review Area, Facing Northeast; Photo Date: August 18, 2021



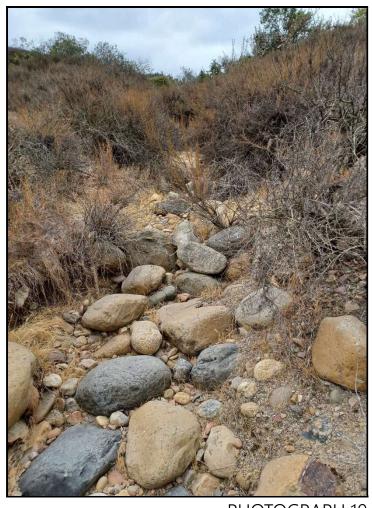


View of Drainage H in Southeastern Portion of Review Area, Facing Northeast; Photo Date: August 20, 2021

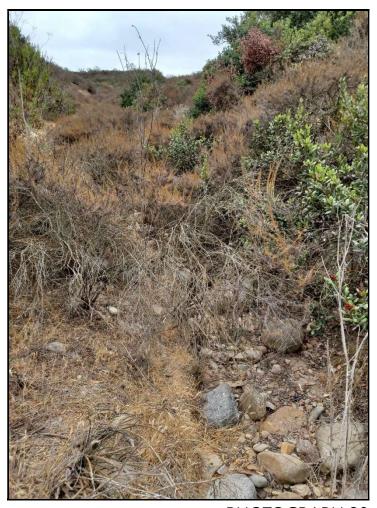


PHOTOGRAPH 18 View of Drainage B in Northern Portion of Review Area, Facing Southeast; Photo Date: August 18, 2021



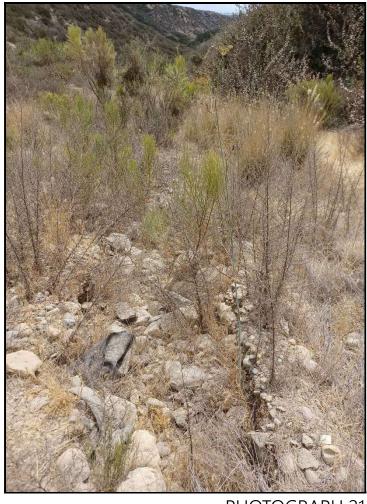


PHOTOGRAPH 19 View of Drainage D in North-central Portion of Review Area, Facing South; Photo Date: August 18, 2021



PHOTOGRAPH 20 View of Drainage E in North-central Portion of Review Area, Facing South; Photo Date: August 18, 2021





PHOTOGRAPH 21 View of Drainage F in Northeastern Portion of Review Area, Facing East; Photo Date: August 20, 2021



PHOTOGRAPH 22 View of Drainage G(b) in Northeastern Portion of Review Area, Facing West; Photo Date: August 20, 2021



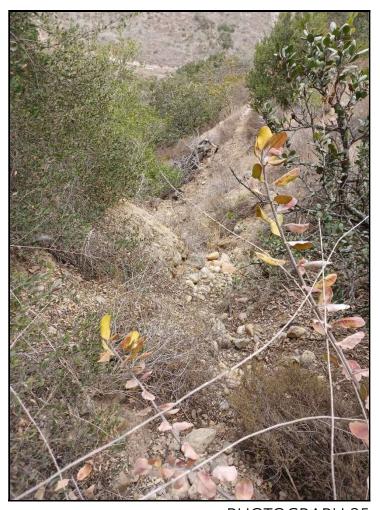


PHOTOGRAPH 23 View of Drainage G and Adjacent Baccharis-dominated Floodplain in Northeastern Portion of Review Area, Facing Southeast; Photo Date: August 20, 2021



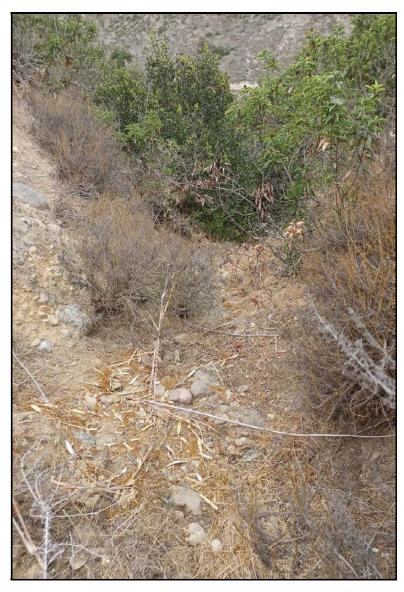


View of Drainage M in South-central Portion of Review Area, Facing Southwest; Photo Date: August 18, 2021



PHOTOGRAPH 25 View of Drainage P in Northern Portion of Review Area, Facing North; Photo Date: August 20, 2021





PHOTOGRAPH 26 View of Drainage Q in Northern Portion of Review Area, Facing North; Photo Date: August 20, 2021





PHOTOGRAPH 27 View of Vernal Pool Basin #73 in West-central Portion of Review Area, Facing North; Photo Date: March 26, 2018



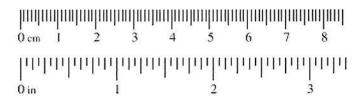


ATTACHMENT 7

Ordinary High Water Mark Data Sheets

Project: Southwest Village	Date: Apr. 14, 2020 Time: 10:00 am							
Project Number: 8868	Town: San Dieso State: CA							
Stream: F) Point F-1 Investigator(s): B. Procsel, A. Leavit	Photo begin file#: Photo end file#:							
Y N Do normal circumstances exist on the site?	Location Details:							
Y N Do normal circumstances exist on the site? Y N Is the site significantly disturbed? Projection: Coordinates: Coordinates:								
Potential anthropogenic influences on the channel syst								
Trash dumping, soil disturbances ups	itream							
Brief site description:								
Start of Caryon, along abandon	ed road wt.							
Checklist of resources (if available):								
Aerial photography Stream gag	•							
Dates: Gage numb Topographic maps Period of r								
	y of recent effective discharges							
	s of flood frequency analysis							
	ecent shift-adjusted rating							
	neights for 2-, 5-, 10-, and 25-year events and the							
	ecent event exceeding a 5-year event							
Global positioning system (GPS)								
Other studies								
Hydrogeomorphic F	loodplain Units							
Active Floodplain	Low Terrace							
Low-Flow Channels	/ / OHWM Paleo Channel							
Procedure for identifying and characterizing the flood	-							
1. Walk the channel and floodplain within the study area t	to get an impression of the geomorphology and							
vegetation present at the site.	D							
 Select a representative cross section across the channel. I Determine a point on the cross section that is characteri 								
a) Record the floodplain unit and GPS position.	site of one of the hydrogeomorphic hoodplain units.							
b) Describe the sediment texture (using the Wentworth	class size) and the vegetation characteristics of the							
floodplain unit.	or the same of the							
c) Identify any indicators present at the location.								
4. Repeat for other points in different hydrogeomorphic flo								
5. Identify the OHWM and record the indicators. Record t	_							
Mapping on aerial photograph	GPS							
Digitized on computer	Other:							

SS	Wentworth size class	1)	Millimeters (mm)			Inches (in)				
-	Boulder		ŝ	2	-	_	_	10.08		
Gravel	Cobble	- 5-	4		_	_	-	2.56		
O	Pebble		4		_	_		0.157		
	Granule		2.00				4	0.079		
	Very coarse sand		1.00		_	_	_	0.039		
pc	Coarse sand		0.50		-	_	4	0.020		
Sand	Medium sand		0.25		-	-	-	0.0098	1/2	
	Fine sand		0.125		_	_	_	0.005	1/4	
	Very fine sand	-	0.0625				4	0.0025	1/8 —	
	Coarse silt	- 4	0.031		_	_	_	0.0012	1/16	
÷ iS	Medium silt		0.0156		-	_	-	0.00061	1/32	
-	Fine silt	- 4	0.0078		_	_	4	0.00031	1/64	
	Very fine silt		0.0039		_		4	0.00015	1/128 —	
Mud	Clay									

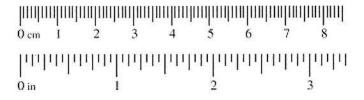


Project ID: 8868 Cross section ID: F-1 Date: April4,2020 Time: 10:00 am
South So
OHWM
OHWM GPS point: Indicators: Break in bank slope Change in vegetation species Other: Change in vegetation cover Other:
Comments: Unvegetated with mostly cobble and sand. ~ 1.5 Feet wide
Floodplain unit:
Characteristics of the floodplain unit: Average sediment texture: Total veg cover: NA Early (herbaceous & seedlings) Characteristics of the floodplain unit: NA Mid (herbaceous, shrubs, saplings) Late (herbaceous, shrubs, mature trees)
Indicators: ☐ Mudcracks ☐ Soil development ☐ Ripples ☑ Surface relief ☐ Drift and/or debris ☐ Other: ☐ Presence of bed and bank ☐ Other: ☐ Benches ☐ Other:
Epherural stream. Defined by sediment transport and lack of vegetation.

Project ID: 7868	Cross section ID	: = 1	Date: Apr. 14	2020	Time: 10:00 an
Floodplain unit:	☐ Low-Flow Channel		Active Floodplain	\boxtimes	Low Terrace
CDSit-					
GPS point:					
Characteristics of the					
Average sediment te	xture:				
		Shrub:	<u>∕</u> % Herb: <u>δ</u> %		
Community successi	ional stage:	S.	Mid (harbagaya abruh	a aan1	ings)
	aceous & seedlings)		Mid (herbaceous, shrub Late (herbaceous, shrub		
	seeds to seedings)		Lute (nor success, sin as	,	
Indicators:		_			
Mudcracks		M	Soil development		
Ripples Drift and/or	. با ماسانه	님	Surface relief		
	bed and bank	H	Other:		
Benches			Other:		_
Comments:					
Transport and and and	_			-	
Floodplain unit:	Low-Flow Channel		Active Floodplain		Low Terrace
CPS point:					
GIS point.					
Characteristics of the	e floodplain unit:				
Average sediment te			Service of the servic		
	% Tree:%	Shrub: _	% Herb:%		
Community successi	ional stage:		Mid (herbaceous, shrub	s canl	ings)
_	aceous & seedlings)	H	Late (herbaceous, shrub		
		_	rene serve serve 🔨 assistant mana statuta para 认 🗀 👊 💯		COLUMN CONT. WISH AND AND A
Indicators:		_			
Mudcracks		님	Soil development Surface relief		
☐ Ripples ☐ Drift and/or	debris	H			
The state of the s	bed and bank	Ħ	Other:		<u>12.12</u>
☐ Benches			Other:		_
Comments:					
1					

Project: Southwest Village Project Number: 8868 Stream: G(b); Point G(b)-1	Town: Jan Diego State: CA Photo begin file#: Photo end file#:
Investigator(s): B. Procsal, J. Sundberg	I noto begin inch.
Y ⊠ / N ☐ Do normal circumstances exist on the site?	Location Details: 32.55947,-117.01804
Y \(\sum / N \(\subseteq \) Is the site significantly disturbed?	Projection: State Plane Datum: NAD 83 Coordinates:
Potential anthropogenic influences on the channel syst	em:
Trash dumping; soil disturbances upst	ream
Brief site description:	
Start of canyon, along abandoned road	cut
Checklist of resources (if available):	
☐ Aerial photography ☐ Stream gag	e data
Dates: Gage numb	
Topographic maps Period of re	
	of recent effective discharges
	s of flood frequency analysis ecent shift-adjusted rating
	eights for 2-, 5-, 10-, and 25-year events and the
	ecent event exceeding a 5-year event
Global positioning system (GPS)	soon event exceeding a 5 year event
Other studies	
Hydrogeomorphic F	loodplain Units
Active Floodplain	
Active i loodplain	Low Terrace
	l Ca
the second second	
Low-Flow Channels	/ / OHWM Paleo Channel
	THE STATE OF THE S
Procedure for identifying and characterizing the flood	
1. Walk the channel and floodplain within the study area to	o get an impression of the geomorphology and
vegetation present at the site.	Durant the among continuous dishell the floodule in surits
2. Select a representative cross section across the channel. I	
3. Determine a point on the cross section that is characteristally a) Record the floodplain unit and GPS position.	suc of one of the hydrogeomorphic hoodplain units.
b) Describe the sediment texture (using the Wentworth of	class size) and the vegetation characteristics of the
floodplain unit.	sale, and the regulation characteristics of the
c) Identify any indicators present at the location.	
4. Repeat for other points in different hydrogeomorphic flo	podplain units across the cross section.
5. Identify the OHWM and record the indicators. Record the	
☐ Mapping on aerial photograph ☐	GPS
☐ Digitized on computer ☐	Other:

Inche	s (in)		Millimeters (mm)			nm)	Wentworth size class
3	10.08	_	_	-	256	_	Boulder
	2.56	_	_	_	64		Cobble
	0.157	-	_	_	4		
	0.079	-	_	_	2.00	(250mm)	Granule
	0.039	-	_	_	1.00	_	Very coarse sand
*	0.020	_	-	-	0.50	_	Coarse sand Medium sand
1/2	0.0098	-	-	-	0.25	_	
1/4	0.005	-	-	-	0.125	_	Fine sand
1/8 —	0.0025	-	_	-	0.0625	-	Very fine sand
1/16	0.0012	_	-	-	0.031	_	Coarse silt
1/32	0.00061	-	-	-	0.0156	-	Medium silt
1/64	0.00031	-	_	-	0.0078	_	Fine silt
1/128 —	0.00015	-		_	0.0039		Very fine silt
							Clay

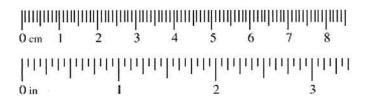


Project ID: 8868 Cross section ID: 6(b) - Date: Dec. 9, 2019 Time: 9:15 am
South So
<u>OHWM</u>
GPS point:
Indicators:
Vovegetated with mostly cobble and some sand 1.5 feet wide
Floodplain unit: Low-Flow Channel
GPS point:
Characteristics of the floodplain unit: Average sediment texture:
Indicators:
Comments: High order stream, ephenural, defined sediment transport, and lack of vegetation

Project ID: 8768 Cross section ID	Date: Dec. 9, 2019 Time: 9:15 on
Floodplain unit:	☐ Active Floodplain ☐ Low Terrace
GPS point:	
Characteristics of the floodplain unit: Average sediment texture: Total veg cover: 5 % Tree: 6 % Community successional stage: NA Early (herbaceous & seedlings)	Shrub:
Indicators: Mudcracks Ripples Drift and/or debris Presence of bed and bank Benches	Soil development Surface relief Other: Other: Other:
Comments:	
Floodplain unit:	☐ Active Floodplain ☐ Low Terrace
GPS point:	
Characteristics of the floodplain unit: Average sediment texture: Total veg cover: % Tree: % Community successional stage: NA Early (herbaceous & seedlings)	Shrub:% Herb:% Mid (herbaceous, shrubs, saplings) Late (herbaceous, shrubs, mature trees)
Indicators: Mudcracks Ripples Drift and/or debris Presence of bed and bank Benches	Soil development Surface relief Other: Other: Other:
Comments:	
# ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ±	

Project: SWV Project Number: SKUS Stream: G-H Investigator(s): GAP, AKS, TRS	Date: Dun 20 Time: O. O. O. State: A. Photo begin file#: Photo end file#:							
Y ⊠ / N ☐ Do normal circumstances exist on the site?	Location Details: top of Spring Canyon							
Y ⋈ / N ☐ Is the site significantly disturbed?	Projection: State Plane Datum: NAO 83 Coordinates: 32,559979, 417, 017928							
Potential anthropogenic influences on the channel system:								
Brief site description: Compon bottom, CSS on SLO	pes, and nonparish ves.							
Vegetation maps Soils maps Result Result Rainfall/precipitation maps Gage h	per:							
Hydrogeomorphic F	Floodplain Units							
Active Floodplain Low-Flow Channels	OHWM Paleo Channel							
 Procedure for identifying and characterizing the flood Walk the channel and floodplain within the study area regetation present at the site. Select a representative cross section across the channel. Determine a point on the cross section that is character a) Record the floodplain unit and GPS position. Describe the sediment texture (using the Wentworth floodplain unit. Identify any indicators present at the location. Repeat for other points in different hydrogeomorphic floodplain the OHWM and record the indicators. Record Mapping on aerial photograph Digitized on computer 	to get an impression of the geomorphology and Draw the cross section and label the floodplain units. istic of one of the hydrogeomorphic floodplain units. class size) and the vegetation characteristics of the loodplain units across the cross section.							

Inche	es (in)	Millimeters (mm)			ım)		Wentworth size class	
	10.08	_	_	_	256	_	-	Boulder
	2.56	_	_	_	64	_	-	Cobble — — - E
	0.157	_		_	4	_		
	0.079	_		_	2.00		_	Granule
	0.039	-	_	-	1.00	_	+	Very coarse sand
	0.020	_		_	0.50	_	-	Coarse sand
1/2	0.0098	_	_		0.25	_		Medium sand
1/4	0.005	_		_	0.125	_	-	Fine sand
1/8 —	0.0025	-		-	0.0625		-	Very fine sand
1/16	0.0012	_	ш,	_	0.031	_		Coarse silt
1/32	0.00061	-	_	_	0.0156	-	-	Medium silt
1/64	0.00031	_	_	_	0.0078	-	-	Fine silt
1/128 —	0.00015		<u> </u>	-	0.0039	-		Very fine silt
								Clay



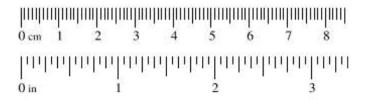
Project ID:	Cross section ID:	Date	: Ti	ime:
Cross section draw	ing: 5	upland shra	bs 1.0	id Ha. 1-11/-
0	20040	100	V	idth: 1-1/2 epthi 6"
8	M. CHELLO	E W	a	epini 6"
dun	pr/ 304 4/11/2			
	Shribs Cobb			
	Shions N Com			<u> </u>
OHWM	WEIGHT	(E. in -25	2 CONTRACTOR	
<u>OHWM</u>	verage sediment texture egetation species egetation cover	25,000	se d	
GPS point:	19	actis of x1		
Indicators:	1104	2,		
Change in av	verage sediment texture	Break in bank	slope	
Change in ve	egetation species	Other:		
⊠ Change in ve	egetation cover	Other:		
Comments:				
Live Ins	Lor and	Sund =		
7/15 1.17	(pv)	Mondo		
	Market and Market and			
	D			
Floodplain unit:	Low-Flow Channel	Active Floodp	laın 🗀 Lo	ow Terrace
GPS point:	29		11/15 x	while n
* * *		Sal	wos plants but	exposed
Characteristics of the	floodplain unit: ture: <u>Sanda Jay</u> (% Tree: % Shru	Wlotur		
Total veg cover: 5	% Tree:% Shru	ib: <u> </u>	5_%	
Community succession	onal stage:			×
□ NA □ Farly (herba	ceous & seedlings)		ous, shrubs, sapling ous, shrubs, mature	
Larry (nerva	occus & secumes)		ous, sin uos, marare	4000)
Indicators:				
☐ Mudcracks☐ Ripples		Soil developm Surface relief	ent	
Drift and/or	debris			
	bed and bank	Other:		
☐ Benches		Other:	**************************************	
Comments:				
1				

, 4 ;

Project ID: Time: **Cross section ID:** Date: ☐ Active Floodplain Floodplain unit: Low Terrace Low-Flow Channel upland adj to bet GPS point: Characteristics of the floodplain unit: Average sediment texture: anacal Festinan Total veg cover: 50 % Tree: 0 % Shrub: 0 % Herb: 50 % Community successional stage: MELINA Mid (herbaceous, shrubs, saplings) NA. Early (herbaceous & seedlings) Late (herbaceous, shrubs, mature trees) Indicators: Soil development Organics des on surface Mudcracks Ripples Surface relief Other: _____ Drift and/or debris Presence of bed and bank Other: Benches Other: Comments: Floodplain unit: Low-Flow Channel ☐ Active Floodplain ☐ Low Terrace GPS point: Characteristics of the floodplain unit: Average sediment texture: Total veg cover: % Tree: % Shrub: % Herb: % Community successional stage: □ NA Mid (herbaceous, shrubs, saplings) Early (herbaceous & seedlings) Late (herbaceous, shrubs, mature trees) Indicators: Mudcracks Soil development Ripples Surface relief ____ Other: ______ Drift and/or debris Other: Presence of bed and bank Other: Benches Comments:

Project: SWV Project Number: 8868	Date: 17 January, 2024 Time: 1300 Town: San Diego State: CA
Stream: G-5	Photo begin file#: Photo end file#:
Investigator(s): Andrew Smisek	
Y X / N Do normal circumstances exist on the site?	Location Details: downstream portion of Drainage G in Dillon Canyon
$Y \square / N \boxtimes$ Is the site significantly disturbed?	Projection: State Plane Datum: NAD83 Coordinates: 32.55898518, -117.01698434
Potential anthropogenic influences on the channel syst	em:
Lots of trash in active channel and surrounding canyo	n slopes.
Brief site description:	
Canyon bottom supporting baccharis-dominated CSS slopes dominated by ARTCAL and RHUINT.	within drainage floodplain and CSS on adjacent
X Vegetation maps ☐ Results X Soils maps ☐ Most r ☐ Rainfall/precipitation maps ☐ Gage h	ber:
Hydrogeomorphic F	Floodplain Units
Active Floodplain Low-Flow Channels	OHWM Paleo Channel
Procedure for identifying and characterizing the flood	plain units to assist in identifying the OHWM:
 Walk the channel and floodplain within the study area to vegetation present at the site. Select a representative cross section across the channel. Determine a point on the cross section that is character a) Record the floodplain unit and GPS position. Describe the sediment texture (using the Wentworth floodplain unit. Identify any indicators present at the location. Repeat for other points in different hydrogeomorphic floodplain the OHWM and record the indicators. Record 	to get an impression of the geomorphology and Draw the cross section and label the floodplain units. istic of one of the hydrogeomorphic floodplain units. class size) and the vegetation characteristics of the loodplain units across the cross section. the OHWM position via:
Mapping on aerial photograph	GPS Other:

Went worth Size Classes								
Inche	Inches (in) Millimeters (mm)					m)	Wentworth size clas	ss
	10.08	_	-	-	256 64		Boulder Cobble	Gravel
	0.157	_	_	_	4 2.00		Pebble	Gr
	0.079 -	-	_	_	1.00		Very coarse sand Coarse sand	
1/2	0.0098	_	_	-	0.25		Medium sand Fine sand	Sand
1/4 1/8 —	0.005	_	_	_	0.125 0.0625		Very fine sand	
1/16 1/32	0.0012	_	_	-	0.031 0.0156		Coarse silt Medium silt	Silt
1/64 1/128 —	0.00031	-	-	_	0.0078		Fine silt Very fine silt	7,
1/120 —	0.00015-				0.0039		Clay	Mud

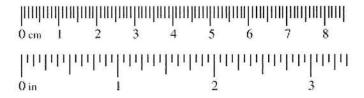


Project ID: 8868 Cross section ID: G-5 Date: 17 Jan 2024 Time: 1300 **Cross section drawing: OHWM** cobble in low-flows **OHWM** GPS point: _____ **Indicators:** X Change in average sediment texture X Break in bank slope Change in vegetation speciesChange in vegetation cover Other: _____ Other: **Comments:** OHWM occurs at the outer edge of the low-flow channels, between which is a change in vegetation, a change in sediment texture, and other OHWM indicators. The OHWM occurs at a break in slope. Floodplain unit: GPS point: collected using sub-meter GPS Characteristics of the floodplain unit: Community successional stage: NA X Mid (herbaceous, shrubs, saplings) Early (herbaceous & seedlings) Late (herbaceous, shrubs, mature trees) Indicators: Soil development Mudcracks Ripples Surface relief Other: _____ X Drift and/or debris X Presence of bed and bank Other: Benches Other: Comments: Two low-flow channels run parallel to each other here, each containing obvious break in slope and mostly cobble within channel. Some sediment sorting/deposits and drift deposits observed.

Project ID: 8868	Cross section ID: 9	Date: 17 Jar	2024 Time: 1300
Floodplain unit:	Low-Flow Channel	X Active Floodplain	☐ Low Terrace
GPS point:			
Characteristics of the			
	xture: <u>cobble and sandy lo</u> 0 % Tree: 0 % Sh	oam rub: <u>70 </u> % Herb: <u>10 </u> %	/ 0
Community successi		70 Held. 10 /	v
□ NA		Mid (herbaceous, shru	
Early (herba	aceous & seedlings)	Late (herbaceous, shru	bs, mature trees)
Indicators: Mudcracks Ripples Drift and/or Presence of Benches Comments:	debris bed and bank	Soil development Surface relief Other: change in veget Change in sedition of the change in sedition.	iment
	f	thern low-flow channel and no	with a man Ol IVA/NA a secure of
outer edge of no floodplain as the change in veg ar	rthern low-flow channel. Thes area between supports bacc	se low-flows and the area between the series of the series	ween comprise the active dy-loam soils. This is a
Floodplain unit:	Low-Flow Channel	Active Floodplain	X Low Terrace
GPS point:			
Characteristics of the Average sediment te	_		
	· · · · · · · · · · · · · · · · · · ·	rub: 65 % Herb: 5 %	, 0
Community successi			
☐ NA☐ Farly (herbs	aceous & seedlings)	Mid (herbaceous, shru X Late (herbaceous, shru	
Larry (neroa	iccous & securings)	Late (Herbaccous, siliu	os, mature nees)
Indicators:		V ~ · · ·	
☐ Muderacks		Soil development Surface relief	
Ripples Drift and/or	debris	Other:	
=	bed and bank	Other:	
Benches		Other:	
Comments:			
ARTCAL and RH	UINT. This is a change in veg	mature CSS dominated by up g from the baccharis-dominate eloped loamy soil with no sand	ed area within the active

Project: Sarthuest Village Project Number: 8868 Stream: 19 (6); Point H(6)-1 Investigator(s): 3. Prousal, J. Sandberg	Date: Feb. 13, 2020 Time: 12:30pm Town: San Diege State: 4A Photo begin file#: Photo end file#:
Y / N Do normal circumstances exist on the site?	Location Details: 32.55397, -117.01307
Y ⊠ / N ☐ Is the site significantly disturbed?	Projection: State Plane Datum: NAO 83
Potential anthropogenic influences on the channel syst	
Brief site description: Steep stream channel off the	Mesa
☐ Vegetation maps ☐ Results ☑ Soils maps ☐ Most re ☐ Rainfall/precipitation maps ☐ Gage h	ber:
Hydrogeomorphic F	loodplain Units
Active Floodplain Low-Flow Channels	OHWM Paleo Channel
Procedure for identifying and characterizing the flood	20 97 as-0-6-7 3-6-7 5-7 5-7 5-7 5-7 5-7 5-7 5-7 5-7 5-7 5
 Walk the channel and floodplain within the study area to vegetation present at the site. Select a representative cross section across the channel. It is characterially a point on the cross section that is characterially a position. Describe the floodplain unit and GPS position. Describe the sediment texture (using the Wentworth floodplain unit. Identify any indicators present at the location. Repeat for other points in different hydrogeomorphic floodplain the OHWM and record the indicators. Record to Mapping on aerial photograph Digitized on computer 	Draw the cross section and label the floodplain units. istic of one of the hydrogeomorphic floodplain units. class size) and the vegetation characteristics of the oodplain units across the cross section.

Inch	es (in)			Mil	limeters (m	ım)	Wentworth size class
	10.08	_	_	-	256	_	Boulder
	2.56	_		_	64	_	Cobble S
	0.157	_	-	(10)	4	_	
	0.079	-		_	2.00		Granule
	0.039	-	_	_	1.00	_	Very coarse sand
	0.020	_	-	-	0.50	-	Coarse sand
1/2	0.0098	_	_	_	0.25	-	Medium sand
1/4	0.005	_	_	_	0.125		Fine sand
1/8 —	0.0025	_		_	0.0625	_	Very fine sand
1/16	0.0012	_		_	0.031	_	Coarse silt
1/32	0.00061	_	_	_	0.0156	_	Medium silt
1/64	0.00031	-	_	_	0.0078		Fine silt
1/128 —	0.00015	-			0.0039	.—	Very fine silt
					173,717,187		Clay

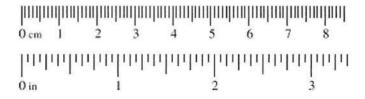


Project ID: 8868 Cross section ID: HG)	Date: Feb. 13, 2020 Time: 12.30pm
Cross section drawing:	
OHWM	
GPS point:	
Indicators:	Break in bank slope Other: Other:
Comments: Clearly defined; contains	low- Flow and active Flordplain.
Dig 2005US.	
Floodplain unit: \overline{\text{Low-Flow Channel}}	Active Floodplain
GPS point:	
Community successional stage: NA Early (herbaceous & seedlings)	Mid (herbaceous, shrubs, saplings) Late (herbaceous, shrubs, mature trees)
Indicators: Mudcracks Ripples Drift and/or debris Presence of bed and bank Benches	Soil development Surface relief Other: Other: Other:
Comments: Sherply defined Floodplain on high-flow drainage	storp part of slope; likely rapid

Project ID:	Cross section ID:	Date:	Time:
Floodplain unit:	☐ Low-Flow Channel	☐ Active Floodplain	☐ Low Terrace
Community succession NA	tture:	hrub:% Herb:% Mid (herbaceous, shrubs Late (herbaceous, shrubs	, O,
Benches	debris bed and bank	Soil development Surface relief Other: Other: Other:	
Comments:			
			· · · · · · · · · · · · · · · · · · ·
Floodplain unit:	☐ Low-Flow Channel	Active Floodplain	☐ Low Terrace
	Low-row Channel	in Active Hoodplain	Low Tenace
Characteristics of the Average sediment tex Total veg cover: Community succession NA	e floodplain unit: cture:% Sl	hrub:% Herb:% Mid (herbaceous, shrubs Late (herbaceous, shrubs	1
Indicators: Mudcracks Ripples Drift and/or Presence of Benches Comments:	debris bed and bank	Soil development Surface relief Other: Other: Other:	

Project: Southwest Village	Date: Dec. 3 2019 Time: 10:30 an
Project Number: 7768	Town: San Diego State: CA
Stream: His Point H-1 Investigator(s): B. Procesal, J. sundberg	Photo begin file#: Photo end file#:
Y ⊠ / N ☐ Do normal circumstances exist on the site?	Location Details: 32, 55224, -117, 01529
Y / N / Is the site significantly disturbed?	Projection: State Plane Datum: NAD 83
Potential anthropogenic influences on the channel syst	em:
Dumping	
Brief site description:	
Checklist of resources (if available):	
Aerial photography Stream gag	e data
Dates: Gage numb	
Topographic maps Period of re	ecord:
☐ Geologic maps ☐ History	y of recent effective discharges
· · · · · · · · · · · · · · · · · · ·	s of flood frequency analysis
	ecent shift-adjusted rating
	eights for 2-, 5-, 10-, and 25-year events and the
[1] 	ecent event exceeding a 5-year event
Global positioning system (GPS)	
Other studies	
Hydrogeomorphic F	loodplain Units
Active Floodplain	Low Terrace
	- %
	T
	/ /
Low-Flow Channels	OHWM Paleo Channel
Procedure for identifying and characterizing the flood	plain units to assist in identifying the OHWM:
1. Walk the channel and floodplain within the study area t	o get an impression of the geomorphology and
vegetation present at the site.	8
2. Select a representative cross section across the channel. I	Draw the cross section and label the floodplain units.
3. Determine a point on the cross section that is characteri	
a) Record the floodplain unit and GPS position.	
b) Describe the sediment texture (using the Wentworth	class size) and the vegetation characteristics of the
floodplain unit.	udi Satistiq
c) Identify any indicators present at the location.	*
4. Repeat for other points in different hydrogeomorphic flo	
5. Identify the OHWM and record the indicators. Record t	1948 ([[:::::::::::::::::::::::::::::::::::
Mapping on aerial photograph	GPS
Digitized on computer	Other:

Inche	es (in)			Mil	limeters (m	ım)	Wentworth size class	
	10.08		_	_	256	_	Boulder	
	2.56		_		64		Cobble	Grave
	0.157	_	_	-	4	_	Pebble 6	U
	0.079			_	2.00	_	Granule	_
	0.039	_	_	_	1.00	_	Very coarse sand	
	0.020	_	_	-	0.50	-	Coarse sand	2
1/2	0.0098	_	_	_	0.25			Sand
1/4	0.005	_	_	_	0.125	_	Fine sand	
1/8 —	0.0025	4		_	0.0625	_	Very fine sand	_
1/16	0.0012	_	_	_	0.031	_	Coarse silt	
1/32	0.00061	_		_	0.0156		Medium silt	5
1/64	0.00031	_	_	_	0.0078	_	Fine silt	
1/128 —	0.00015	4		_	0.0039		Very fine silt	
							Clay	MINO

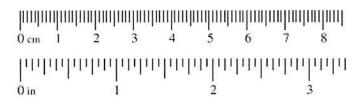


Project ID: 8868	Cross section ID: 4	Date: Dec. 9, 2019 Time: 10:30 am
Cross section drawing	Foot 2 Feet	Low South
OHWM		
<u>OHWM</u>		
GPS point:		
☐ Change in vege ☐ Change in vege	etation cover	☐ Break in bank slope ☐ Other: ☐ Other:
Comments: Distinct di	e to charge in she feet wide	ope, regetation, and sediment size.
Floodplain unit:	Low-Flow Channel	Active Floodplain
GPS point:		
Total veg cover: Community successiona NA	re: <u> Cebble Barlace</u> % Tree: % Shru	b:% Herb:% (weedy herbaccos) Mid (herbaceous, shrubs, saplings) Late (herbaceous, shrubs, mature trees)
Indicators: Mudcracks Ripples Drift and/or de Presence of bed Benches		Soil development Surface relief Other: Other: Other:
Comments:	arse sediment; h	has Flowing mater currently

Project ID: Cross section ID:	Date: Oct. 3 2010 Time: 1995on
Floodplain unit:	☐ Active Floodplain ☐ Low Terrace
ong · ·	
GPS point:	
Characteristics of the floodplain unit:	
Average sediment texture: Five 5117	
Total veg cover: % Tree: % Sh	urub:% Herb:%
Community successional stage:	
□ NA	Mid (herbaceous, shrubs, saplings)
≥ Early (herbaceous & seedlings)	Late (herbaceous, shrubs, mature trees)
Indicators:	
	Soil development
Ripples	Surface relief
Drift and/or debris	Other:
Presence of bed and bank	Other:
Benches	Other:
Comments:	F. 5. 4
Capped in sit over cobs	te and extent.
	1.
	9 5.
At head of carryan	
The course of confer	
Floodplain unit: Low-Flow Channel	☐ Active Floodplain ☐ Low Terrace
CDC - 4	·
GPS point:	
Characteristics of the floodplain unit:	
Average sediment texture:	. *
Total veg cover: % Tree: % Sh	rub:% Herb:%
Community successional stage:	Telescope emilion of post participation of p
□ NA	Mid (herbaceous, shrubs, saplings)
Early (herbaceous & seedlings)	Late (herbaceous, shrubs, mature trees)
Indicators:	
Mudcracks	Soil development
Ripples	Surface relief
Drift and/or debris	Other:
Presence of bed and bank	Other:
Benches	Other:
Comments:	
TO CONTRACT TO TO TO TO TO TO	

Project: Southwest Village	Date: Jan. 14, 2020 Time: 11-10 am
Project Number: 8868	Town: San Diego State: CA
Stream: I) Point I-1 Investigator(s): B. Prousal, G. School	Photo begin file#: Photo end file#:
Y N Do normal circumstances exist on the site?	Location Details: 32.55173, -117,02438
Y □ / N ☑ Is the site significantly disturbed?	Projection: State Plane Datum: NAD 83
Potential anthropogenic influences on the channel syst	em:
None	
Brief site description:	3 32 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Upper reach of ephenoial drainage near	starting knick point
Checklist of resources (if available):	
Aerial photography Stream gag	
Dates: Gage numb Topographic maps Period of r	
	y of recent effective discharges
1 1 1 1 1 1 1 1 1	s of flood frequency analysis
	ecent shift-adjusted rating
[] <mark></mark>	neights for 2-, 5-, 10-, and 25-year events and the
Existing delineation(s) for site most re	ecent event exceeding a 5-year event
Global positioning system (GPS)	
Other studies	
Hydrogeomorphic F	loodplain Units
Active Floodplain	Low Terrace
4 444	and the same of th
	/ /
Low-Flow Channels	OHWM Paleo Channel
Procedure for identifying and characterizing the flood	plain units to assist in identifying the OHWM:
1. Walk the channel and floodplain within the study area t	o get an impression of the geomorphology and
vegetation present at the site.	
2. Select a representative cross section across the channel. l	
3. Determine a point on the cross section that is characteri	stic of one of the hydrogeomorphic floodplain units.
a) Record the floodplain unit and GPS position.	
b) Describe the sediment texture (using the Wentworth	class size) and the vegetation characteristics of the
floodplain unit.	
c) Identify any indicators present at the location.	1.1.3
4. Repeat for other points in different hydrogeomorphic fl	
5. Identify the OHWM and record the indicators. Record t	GPS GPS
✓ Mapping on aerial photograph✓ Digitized on computer	Other:
	Outor.

Inche	es (in)			Mil	limeters (m	ım)	Wentworth size class	
	10.08	_		-	256	_	Boulder	one:
	2.56		_	-	64	_	Cobble — — -	Gravel
	0.157	_	227	_	4		Pebble '	G
	0.079	_	_		2.00		Granule	_
	0.039	-	_	-	1.00	-	Very coarse sand	
	0.020		_		0.50	_	Coarse sand	p
1/2	0.0098	_	_	-	0.25	-		Sand
1/4	0.005	-		-	0.125		Fine sand	
1/8 —	0.0025			_	0.0625	_	Very fine sand	_
1/16	0.0012	_	_	_	0.031	· <u></u>	Coarse silt	
1/32	0.00061	-		-	0.0156	_	Medium silt	Sit
1/64	0.00031	-	_	_	0.0078	-	Fine silt	
1/128 —	0.00015	\dashv		_	0.0039	-	Very fine silt	_
							Clay	Mud

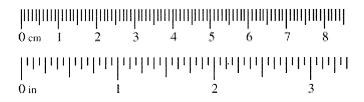


Project ID: 8768 Cross section ID:	I- Date: Jan. 14, 2020 Time: 1/-10 am
Cross section drawing:	
<u> </u>	
<u>OHWM</u>	
GPS point:	
Indicators:	Break in bank slope Other: Other:
Comments: offwh defined by distinct bed a Active Floodplain = law-Flow a	nd bank. Larnel
Floodplain unit: \square Low-Flow Channel	☐ Active Floodplain ☐ Low Terrace
GPS point:	
Characteristics of the floodplain unit: Average sediment texture: Sand colde Total veg cover: 2 % Tree: 0 % Sh Community successional stage: NA Early (herbaceous & seedlings)	rub:% Herb:% Mid (herbaceous, shrubs, saplings) Late (herbaceous, shrubs, mature trees)
Indicators: ☐ Mudcracks ☐ Ripples ☐ Drift and/or debris ☐ Presence of bed and bank ☐ Benches	Soil development Surface relief Other: Other: Other:
Distinct low-Flow channels Co fine materials few	harmel bottom down to cobble me in it

Project ID:	Cross section ID:	Date:	Time:
Floodplain unit:	Low-Flow Channel	☐ Active Floodplain	☐ Low Terrace
Community succession NA	ture:	Shrub:% Herb:% Mid (herbaceous, shrub Late (herbaceous, shrub	s, saplings)
Benches	debris bed and bank	Soil development Surface relief Other: Other: Other:	
Comments:			
	Low-Flow Channel	☐ Active Floodplain	☐ Low Terrace
Characteristics of the Average sediment tex Total veg cover: Community succession NA	e floodplain unit: cture:% Tree:% S	Shrub:% Herb:% Mid (herbaceous, shrub Late (herbaceous, shrub	os, saplings)
Indicators: Mudcracks Ripples Drift and/or Presence of Benches Comments:	debris bed and bank	Soil development Surface relief Other: Other: Other:	
Comments:			

Project: Southwest Village	Date: Jan. 14, 2020 Time: 11:50 am	
Project Number: 8868	Town: San dego State: LA	
Stream: K : Post K-1 (Foot deep at knick point Investigator(s): B. Prousal, G. Sched	Photo begin file#: Photo end file#:	
Y ☑ / N ☐ Do normal circumstances exist on the site?	Location Details: 22.55452, -117, 02608	
Y / N / Is the site significantly disturbed?	Projection: State Clans Datum: 1/AD 53 Coordinates:	
Potential anthropogenic influences on the channel syst	em:	
None		
Brief site description:		
Upper reach of epheneral of Two knick points: It and It	ainage near mesa top	
- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	110	
Challet from Challet	- 6 0 V	
Checklist of resources (if available): Aerial photography Stream gag	a data	
Dates: Gage number		
Topographic maps Period of re	Port A TABLE CONTROL OF THE PARTY OF THE PAR	
	of recent effective discharges	
	of flood frequency analysis	
	ecent shift-adjusted rating	
☐ Rainfall/precipitation maps ☐ Gage h	eights for 2-, 5-, 10-, and 25-year events and the	
Existing delineation(s) for site most re	ecent event exceeding a 5-year event	
☐ Global positioning system (GPS)	975. IS	
Other studies		
Hydrogeomorphic F	loodplain Units	
Active Floodplain	Low Terrace	
4 444	and the same of th	
Low-Flow Channels	OHWM Paleo Channel	
Procedure for identifying and characterizing the floodplain units to assist in identifying the OHWM:		
1. Walk the channel and floodplain within the study area to get an impression of the geomorphology and		
vegetation present at the site.		
2. Select a representative cross section across the channel. Draw the cross section and label the floodplain units.		
3. Determine a point on the cross section that is characteristic of one of the hydrogeomorphic floodplain units.		
a) Record the floodplain unit and GPS position.		
b) Describe the sediment texture (using the Wentworth class size) and the vegetation characteristics of the		
floodplain unit.		
c) Identify any indicators present at the location.		
4. Repeat for other points in different hydrogeomorphic floodplain units across the cross section.		
5. Identify the OHWM and record the indicators. Record the OHWM position via:		
Mapping on aerial photograph	GPS	
Digitized on computer	Other:	

Well Worth Size Classes						
Inches (in)		М	illimeters (m	m)	Wentworth size clas	s
10.08			- 256		Boulder	
2.56			- 64		Cobble	Gravel
0.157			- 4		Pebble	ত
0,079			- 2.00		Granule	
0.039	_		1.00		Very coarse sand	
0.020			- 0.50		Coarse sand	Þ
1/2 0.0098			- 0.25		Medium sand	Sand
1/4 0.005	_		0,125		Fine sand	
1/8 — 0.0025			0.0625		Very fine sand	
1/16 0.0012			- 0.031		Coarse silt	
1/32 0.0006	1		- 0.0156		Medium silt	Silt
1/64 0.0003	1 —		- 0.0078		Fine silt	
1/128 — 0.0001	5		- 0.0039		Very fine silt	
3.000	-		0.0000		Clay	Mud

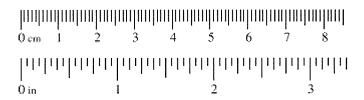


Project ID: 8868 Cross section ID: K	- Date: Jan 14, 2020 Time: 11:50 an			
Cross section drawing:				
State of the state	3 Fe ct			
<u>OHWM</u>				
GPS point:				
Indicators: Change in average sediment texture Change in vegetation species Change in vegetation cover	Break in bank slope Other: Other:			
Comments: OHWM defined by distinct bed and bank. Steep-sided banks created as erosion progressed. Active Flourplain = 'ou-Flour channel				
Floodplain unit: \(\times\) Low-Flow Channel	☐ Active Floodplain ☐ Low Terrace			
GPS point:				
Characteristics of the floodplain unit: Average sediment texture:				
Indicators: Mudcracks Ripples Drift and/or debris Presence of bed and bank Benches Comments:	Soil development Surface relief Other: Other: Other:			
Epheneral drainage with the knick point occurs, Silt and cobble deminate the cobble/sand Forther downslape	and bottom near top; more			

Project ID:	Cross section ID:	Date:	Time:
Floodplain unit:	Low-Flow Channel	Active Floodplain	Low Terrace
GPS point:			
Characteristics of the	e floodplain unit:		
Average sediment ter	xture:	_	·
Total veg cover:	% Tree: % S		
Community succession	onal stage:	_	
☐ NA		Mid (herbaceous, shrubs,	
Early (herba	ceous & seedlings)	Late (herbaceous, shrubs,	mature trees)
Indicators:			
Mudcracks		Soil development	
Ripples		Surface relief	
Drift and/or		Other:	
<u></u>	bed and bank	Other:	
☐ Benches		Other:	
Comments:			
Elandalain mitt		□ A /: T1 11:	
Floodplain unit:	Low-Flow Channel	☐ Active Floodplain	Low Terrace
CDC mainte			
GPS point:			
Characteristics of the	a flaadnlain unit:		
	xture:		
Total veg cover:	% Tree:		
Community successi		70 11010.	
□ NA	2	Mid (herbaceous, shrubs,	saplings)
1	aceous & seedlings)	Late (herbaceous, shrubs,	2 0 /
	2 /	_	,
Indicators:			
☐ Mudcracks		Soil development	
☐ Ripples		Surface relief	
☐ Drift and/or		Other:	
Presence of	bed and bank	U Other:	
☐ Benches		Other:	
Comments:			
- United States			
1			

Project: Southwest Village Project Number: 8868 Stream: M's Point M-1	Date: Jan 14, 2020 Time: 1:15pm Town: Jan Diego State: CA Photo begin file#: Photo end file#:			
Investigator(s): B. Protsal, b. Scheid Y N Do normal circumstances exist on the site?	Location Details: 32.55126, -117.01965			
Y / N / Is the site significantly disturbed?	32.55126, -117.01965 Projection: State Mane Datum: MAD 83 Coordinates:			
Some trash debris, but not excusive.				
Brief site description: Upper reach of epheneral drainage that traverses grastend and chaparral.				
✓ Vegetation maps ☐ Results ✓ Soils maps ☐ Most re ☐ Rainfall/precipitation maps ☐ Gage h	per:			
Hydrogeomorphic Fl	loodplain Units			
Active Floodplain Low-Flow Channels	OHWM Paleo Channel			
 Procedure for identifying and characterizing the floody Walk the channel and floodplain within the study area to vegetation present at the site. Select a representative cross section across the channel. It is characteristically a point on the cross section that is characteristically a position. Describe the floodplain unit and GPS position. Describe the sediment texture (using the Wentworth of floodplain unit. Identify any indicators present at the location. Repeat for other points in different hydrogeomorphic floofs. Identify the OHWM and record the indicators. Record the indicators. Record the Digitized on computer 	Oraw the cross section and label the floodplain units. stic of one of the hydrogeomorphic floodplain units. class size) and the vegetation characteristics of the bodplain units across the cross section.			

Treater of the Size Citables			
Inches (in)	Millimeters (mm)	Wentworth size class	
10.08 —	— — 256 ———	Boulder	
2.56	64	Cobble 9	
0.157	4	Pebble O Granule	
0.079 —	2.00 ——		
0.039 —	— - 1.00 — —	Very coarse sand Coarse sand	
0.020 —	0.50		
1/2 0.0098	0.25	Medium sand eg	
1/4 0.005 —	.— - 0.125 — -	Fine sand	
1/8 — 0.0025 —	0.0625	Very fine sand	
1/16 0.0012 —	0.031	Coarse silt Medium silt	
1/32 0.00061 —	—	 	
1/64 0.00031 —	— — 0.0078 — —	Fine silt Very fine silt	
1/128 — 0.00015—	0.0039		
		Clay P	

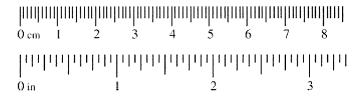


Project ID: 8868 Cross section ID:	7-1 Date: Jan. 14, 2020 Time: 1:15 pm		
Cross section drawing:			
<u>OHWM</u>			
GPS point:			
Indicators: Change in average sediment texture Change in vegetation species Change in vegetation cover	Break in bank slope Other: Other:		
OHUM defined by distinct bed and bank. Steep-sided banks present. Vegetation none to herbaceous in channel bottom.			
Floodplain unit:	Active Floodplain		
Characteristics of the floodplain unit: Average sediment texture:	:		
Indicators: ☐ Mudcracks ☐ Ripples ☐ Drift and/or debris ☐ Presence of bed and bank ☐ Benches	Soil development Surface relief Other: Other: Other:		
Epherural draings near top by knick point. Channel bottom mostly sand and cobble, but some sit present			

Project ID:	Cross section ID:	Date:	Time:
Floodplain unit:	Low-Flow Channel	Active Floodplain	Low Terrace
Characteristics of the	-		
Total veg cover: Community successi NA	% Tree:% Shru	ub:% Herb:% Mid (herbaceous, shrubs	s, saplings)
Early (herba	ceous & seedlings)	Late (herbaceous, shrubs	
Benches	debris bed and bank	Soil development Surface relief Other: Other: Other:	
Comments:			
Floodplain unit:	☐ Low-Flow Channel	☐ Active Floodplain	☐ Low Terrace
GPS point:			
Characteristics of the Average sediment te Total veg cover: Community successi NA	e floodplain unit: xture:% Shr	ub:% Herb:% Mid (herbaceous, shrubs Late (herbaceous, shrubs	/
Indicators: Mudcracks Ripples Drift and/or Presence of Benches Comments:	debris bed and bank	Soil development Surface relief Other: Other: Other:	

Project: Southwest Village Project Number: \$768 Stream: M. Pant M. Z.	Date: Jan 19 2020 Time: 195 pm Town: Spieso State: CA				
Investigator(s): B. Prousa G. Sched	Photo begin file#: Photo end file#:				
Y / N Do normal circumstances exist on the site?	Location Details: 32.55053, -117.02061				
Y / N / Is the site significantly disturbed?	32.55053, -117.02061 Projection: State Mane Datum: NAD 83 Coordinates: State Mane				
Potential anthropogenic influences on the channel syst	em:				
Brief site description: Mil-react of epheneral drainage. Drainage becomes	Traverses through chaparral,				
✓ Vegetation maps ☐ Results ✓ Soils maps ☐ Most red ☐ Rainfall/precipitation maps ☐ Gage h	per:				
Hydrogeomorphic F	loodplain Units				
Active Floodplain Low-Flow Channels	OHWM Paleo Channel				
Procedure for identifying and characterizing the flood	plain units to assist in identifying the OHWM:				
 Walk the channel and floodplain within the study area to get an impression of the geomorphology and vegetation present at the site. Select a representative cross section across the channel. Draw the cross section and label the floodplain units. Determine a point on the cross section that is characteristic of one of the hydrogeomorphic floodplain units. a) Record the floodplain unit and GPS position. b) Describe the sediment texture (using the Wentworth class size) and the vegetation characteristics of the floodplain unit. c) Identify any indicators present at the location. 					
4. Repeat for other points in different hydrogeomorphic flores. Identify the OHWM and record the indicators. Record the Mapping on aerial photograph Digitized on computer					

Welltworth Size Classes								
Inches (in)			Millimeters (mm)			m)	Wentworth size clas	ss
10	0.08				256		Boulder	_
:	2.56	_	_	_	64	_ 4	Cobble	Gravel
	0.157		*******	_	4		Pebble	g
ļ (0.079 -				2.00 -		Granule	
	0.039	-		_	1.00		Very coarse sand Coarse sand	
	0.020	_		_	0,50	_		٦
1/2	0.0098	_			0.25		Medium sand	Sand
1/4	0.005	_		_	0.125		Fine sand	
1/8 — (0.0025 -				0.0625		Very fine sand	
1/16	0.0012	_		_	0.031		Coarse silt	
1/32	0.00061	-			0.0156		Medium silt	Silt
1/64	0.00031	_			0.0078		Fine silt	
1/128 —	0.00015-				0.0039		Very fine silt	
	_						Clay	Mud

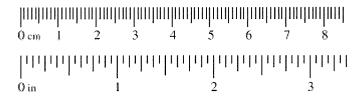


Project ID: 888 Cross section ID:	M-Z Date: Jan 14, 2020 Time: 11/5 pm
Cross section drawing:	
3feet	-OHWM -> 6Feet
<u>OHWM</u>	`
GPS point:	
Indicators: ☐ Change in average sediment texture ☐ Change in vegetation species ☐ Change in vegetation cover	☐ Other: Other:
Comments: OHWM defined by distin	not bed and bank.
Vegetation in charmel s on upper banks Active Floodolain= Low-	bottom primarily grasses with shrubs
· · · · · · · · · · · · · · · · · · ·	
Floodplain unit: \(\times\) Low-Flow Channel	☐ Active Floodplain ☐ Low Terrace
GPS point:	
Community successional stage: NA Early (herbaceous & seedlings)	hrub:
Indicators: Mudcracks Ripples Drift and/or debris Presence of bed and bank Benches	Soil development Surface relief Other: Other: Other:
Comments: Mid-channel of ephemeral Channel bottom cobbly on	dranage, d vegetated (grass).

Project ID:	Cross section ID:	Date:	Time:					
Floodplain unit:	Low-Flow Channel	☐ Active Floodplain	☐ Low Terrace					
CDC : 4		4						
GPS point:	,	•						
Characteristics of the	floodplain unit:							
Average sediment tex	ture:							
Total veg cover:	% Tree:% SI	hrub:% Herb:%						
Community successio	nai stage:	Mid (herbaceous, shrubs,	sanlings)					
	ceous & seedlings)	Late (herbaceous, shrubs, mature trees)						
Indicators: Mudcracks		Coil development						
Ripples		Soil development Surface relief						
Drift and/or o	lebris	Other:						
Presence of b		Other:						
☐ Benches		Other:						
Comments:								
			promosa					
Floodplain unit:	Low-Flow Channel	☐ Active Floodplain	Low Terrace					
CPS point:								
GPS point:								
Characteristics of the	floodplain unit:							
Average sediment tex	ture:	_						
		hrub:% Herb:%						
Community succession	nal stage:	Mid (hamba acque, abmuba	continue)					
│ │ NA │ Farly (herba)	ceous & seedlings)	Mid (herbaceous, shrubs, saplings)Late (herbaceous, shrubs, mature trees)						
Larry (nortal)	cous & seedings)	Late (norbaccous, sinuos	, indiate decay					
Indicators:								
Mudcracks		Soil development						
☐ Ripples		Surface relief						
☐ Drift and/or o		Other:						
	Presence of bed and bank Other:							
Benches		Other:						
Comments:								

Project: Sathwest Village Project Number: 8868 Stream: N. Paint No. 1 Investigator(s): 3. Prozest G. Scheid	Date: Jan 14, 2020 Time: 1:52 pm Town: San Diego State: CA Photo begin file#: Photo end file#:					
Y ☑ / N ☐ Do normal circumstances exist on the site?	Location Details: 32.54955, -117.02182					
Y / N / Is the site significantly disturbed?	Projection: State Place Datum: NAD 83					
Potential anthropogenic influences on the channel system:						
None						
Brief site description: Lower reach of tribitary drainage	, to Stream M, near confluence.					
Checklist of resources (if available): ☐ Aerial photography ☐ Dates: ☐ Topographic maps ☐ Geologic maps ☐ Wegetation maps ☐ Rainfall/precipitation maps ☐ Rainfall/precipitation maps ☐ Existing delineation(s) for site ☐ Global positioning system (GPS) ☐ Other studies ☐ Checklist of resources (if available): ☐ Stream gage data ☐ Gage number: Period of record: ☐ History of recent effective discharges ☐ Results of flood frequency analysis ☐ Most recent shift-adjusted rating ☐ Gage heights for 2-, 5-, 10-, and 25-year events and the most recent event exceeding a 5-year event						
Hydrogeomorphic F	loodplain Units					
Active Floodplain Low-Flow Channels	OHWM Paleo Channel					
Procedure for identifying and characterizing the floodplain units to assist in identifying the OHWM:						
 Walk the channel and floodplain within the study area to get an impression of the geomorphology and vegetation present at the site. Select a representative cross section across the channel. Draw the cross section and label the floodplain units. Determine a point on the cross section that is characteristic of one of the hydrogeomorphic floodplain units. a) Record the floodplain unit and GPS position. b) Describe the sediment texture (using the Wentworth class size) and the vegetation characteristics of the floodplain unit. c) Identify any indicators present at the location. Repeat for other points in different hydrogeomorphic floodplain units across the cross section. Identify the OHWM and record the indicators. Record the OHWM position via: Mapping on aerial photograph GPS Digitized on computer Other: 						
☐ Digitized on computer ☐	Omer:					

Inches (in) Millimeters (mm) Wentworth size class 10.08 — — 256 — — — — —	
10.08 — — — 256 — — — — —	-
2.56 — — 64 — Cobble — — —	Gravel
0.157 4 Pebble	G
0.079 2.00 Granule	
0,039 — — 1.00 — Very coarse sand	
0.020 — — 0.50 — Coarse sand — — — —	ğ
1/2 0.0098 — — — 0.25 — Medium sand	Sand
1/4 0.005 — — 0.125 — Fine sand — — —	
1/8 — 0.0025 — 0.0625 — Very fine sand	············
1/16 0.0012 — — 0.031 — Coarse silt — — — Medium silt	
1/32 0.00061 — — — 0.0156 — — — — —	Silt
1/64 0.00031 — — 0.0078 — Fine silt — — Very fine silt	
1/128 — 0.00015 — 0.0039 Very line siii.	
Clay	Mud

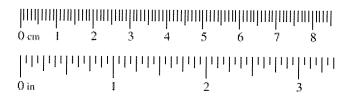


Project ID: 8868 Cross section ID:	V-1 Date: Jan 14, 2020 Time: 1.52pm
Cross section drawing: Cross section drawing: Cross section drawin	
OHWM	
GPS point:	
Indicators: ☐ Change in average sediment texture ☐ Change in vegetation species ☐ Change in vegetation cover	☐ Break in bank slope ☐ Other: ☐ Other:
Comments: Other defined by distinct bed shown drainage with little to no Active Floodplain = Law Flow of	and Bank. vegetation in channel bottom hand
Floodplain unit:	☐ Active Floodplain ☐ Low Terrace
Characteristics of the floodplain unit: Average sediment texture: Total veg cover: Total veg cover: NA Early (herbaceous & seedlings) Indicators: Mudcracks	
Ripples	Surface relief
☑ Drift and/or debris☑ Presence of bed and bank	Other: Other:
Benches	Other:
Chamel bottom mostly coldle Shellow and narrow drainage. E	with sitt. Some grass vegetation pheneral.

Project ID:	Cross section ID:	Date:	Time:
Floodplain unit:	Low-Flow Channel	Active Floodplain	Low Terrace
GPS point:			
Community successi	xture:	ub:% Herb:% Mid (herbaceous, shrubs Late (herbaceous, shrubs	
Benches	debris bed and bank	Soil development Surface relief Other: Other: Other:	
Comments:			
Floodploin units		A satissa El sa dullaisa	☐ Low Terrace
Floodplain unit: GPS point:	Low-Flow Channel	☐ Active Floodplain	□ Low 1 errace
Community success	exture:	ub:% Herb:% Mid (herbaceous, shrubs Late (herbaceous, shrubs	
Benches	debris bed and bank	Soil development Surface relief Other: Other: Other:	
Comments:			

Project: Southwest Village Project Number: 8868-1 Stream: N-2(in mutigation lands)	Date: 3/17/21 Time: 11.30 Am Town: San Dies State: CA					
Straam: 1/2/ in matigation lands)	Town: Sandigo State: CA Photo begin file#: Photo end file#:					
Investigator(s): G. Scheid; B. Proscel	Thoto begin them.					
Y N Do normal circumstances exist on the site?	Location Details: Ep Lewer Stream					
Y ☐ / N ☒ Is the site significantly disturbed?	Projection: State Plane Datum: NAD83 Coordinates: 32 5477777 117 073 517					
Potential anthropogenic influences on the channel system:						
None						
Brief site description: What we cetafed epke	eneral stream channel that					
Brief site description: Whand vegetated epke drains southward offisite who the T	- ` ~ `					
arams Southward office to the T	ywara Kwer.					
Checklist of resources (if available):						
Acrial photography Stream gag						
Dates: Zoz/ Gage numl Topographic maps Period of r						
	y of recent effective discharges s of flood frequency analysis					
	ecent shift-adjusted rating					
l 	neights for 2-, 5-, 10-, and 25-year events and the					
	ecent event exceeding a 5-year event					
Global positioning system (GPS)	coont event exceeding a s year event					
Other studies						
Hydrogeomorphic F	Floodplain Units					
Active Floodplain						
Active Floodplain	Low Terrace					
	it in the second					
the state of the s						
Low-Flow Channels	/ / OHWM Paleo Channel					
Procedure for identifying and characterizing the flood						
1. Walk the channel and floodplain within the study area to get an impression of the geomorphology and						
vegetation present at the site.						
2. Select a representative cross section across the channel. Draw the cross section and label the floodplain units.						
3. Determine a point on the cross section that is characteristic of one of the hydrogeomorphic floodplain units.						
a) Record the floodplain unit and GPS position.						
b) Describe the sediment texture (using the Wentworth class size) and the vegetation characteristics of the						
floodplain unit. c) Identify any indicators present at the location.						
4. Repeat for other points in different hydrogeomorphic floodplain units across the cross section.						
5. Identify the OHWM and record the indicators. Record the OHWM position via:						
Mapping on aerial photograph GPS						
Digitized on computer Other:						

wentworth Size Classes							
Inches (in)		Millimeters (mm)			nm)	Wentworth size class	
	10.08	_		_	256		Boulder
	2.56	-		_	64		Cobble 26
	0.157				4		
	0.079 -				2.00		Granule
	0.039	-			1.00		Very coarse sand
	0.020				0.50		Coarse sand
1/2	0.0098	-			0.25		Medium sand
1/4	0.005	-		_	0.125		Fine sand
1/8 —	0.0025 -	\dashv			0.0625		Very fine sand
1/16	0.0012	-		_	0.031		Coarse silt
1/32	0.00061	-			0.0156		Medium silt
1/64	0.00031	-			0.0078		Fine silt
1/128 —	0.00015-	-			0.0039		Very fine silt
							Clay Pn N



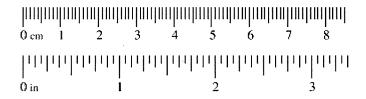
Project ID: EB68-1 N Cross section ID:	N Date: 3/14/21 Time: 111 WAN
Cross section drawing: Low flow /At 9 Old Zoad 25/2 Ft	
<u>OHWM</u>	
GPS point:	
Indicators: Change in average sediment texture Change in vegetation species Change in vegetation cover	Break in bank slope Other: Other:
Comments: Low Fine hannel & active: Adjacent upland areas vegetate	Floisplain devoid of vegectain. I with grassland ochaparral.
Floodplain unit: \(\sum \) Low-Flow Channel	Active Floodplain Low Terrace
GPS point:	•
Characteristics of the floodplain unit: Average sediment texture:	ub:% Herb:% Mid (herbaceous, shrubs, saplings) Late (herbaceous, shrubs, mature trees)
Indicators: Mudcracks Ripples Drift and/or debris Presence of bed and bank Benches	Soil development Surface relief Other: Other: Other:
Comments: Large & Small cobbles present in	channel bottom along with
areas of coarse sand.	

Project ID:	Cross section ID:	Date:	Time:
Floodplain unit:	Low-Flow Channel	Active Floodplain	Low Terrace
GPS point:			•
Characteristics of the Average sediment te	-	ıb:% Herb:%	
Community successi	% Tree: % Shri onal stage:		
☐ NA ☐ Early (herba	aceous & seedlings)	☐ Mid (herbaceous, shrubs☐ Late (herbaceous, shrubs	
Indicators: Mudcracks Ripples Drift and/or Presence of Benches	debris bed and bank	Soil development Surface relief Other: Other:	
Comments:		Other:	
Floodplain unit:	Low-Flow Channel	Active Floodplain	☐ Low Terrace
GPS point:			
Characteristics of the Average sediment tex	_		
Total veg cover: Community succession	% Tree:% Shru	ıb:% Herb:%	
□ NA	ceous & seedlings)	☐ Mid (herbaceous, shrubs☐ Late (herbaceous, shrubs	
Indicators: Mudcracks		□ G.111	
Ripples	1.1 .	Soil development Surface relief	
Drift and/or Presence of Benches	deoris bed and bank	☐ Other:☐ Other:☐ Other:	
Comments:			

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Project: SWV Project Number: 8868	Date: 9 Feb 22 Time: 11.30 Town: Gan Diego State: CA						
Stream: N, N-3 Investigator(s): B. Procsol, A. Smisek	Photo begin file#: Photo end file#:						
Y N Do normal circumstances exist on the site?	Location Details: 32.548291 -117.022074 Projection: State plane Datum: NAD 83						
Y / N / Is the site significantly disturbed?	Coordinates:						
Potential anthropogenic influences on the channel system:							
pone, but culvert offsite d	bon Vi SII KCWi						
Brief site description:							
Cobbly avainage in grassy	condon, meandering thruch,						
Checklist of resources (if available):							
Aerial photography Stream gag							
Dates: Gage numb Topographic maps Period of records a second sec							
	y of recent effective discharges						
	s of flood frequency analysis						
 ^	ecent shift-adjusted rating						
Rainfall/precipitation maps Gage h	eights for 2-, 5-, 10-, and 25-year events and the						
	ecent event exceeding a 5-year event						
Global positioning system (GPS)							
Other studies							
Hydrogeomorphic F	loodplain Units						
Active Floodplain	Low Terrace						
	•						
4 444							
	/ /						
Low-Flow Channels	OHWM Paleo Channel						
Procedure for identifying and characterizing the flood	plain units to assist in identifying the OHWM:						
1. Walk the channel and floodplain within the study area t	to get an impression of the geomorphology and						
vegetation present at the site.							
2. Select a representative cross section across the channel.							
3. Determine a point on the cross section that is characteristic	istic of one of the hydrogeomorphic floodplain units.						
a) Record the floodplain unit and GPS position.							
b) Describe the sediment texture (using the Wentworth class size) and the vegetation characteristics of the							
floodplain unit.							
c) Identify any indicators present at the location. 4. Repeat for other points in different hydrogeomorphic floodplain units across the cross section.							
5. Identify the OHWM and record the indicators. Record							
Mapping on aerial photograph	GPS						
Digitized on computer	Other:						

Work worth Size Classes								
Inches (in) Millimeters (mm)			m)	Wentworth size clas	is			
	10.08		_	_	256		Boulder	
	2.56			_	64		Cobble	Gravel
	0.157			_	4		Pebble — — — — — Granule	
	0.079				2.00			
	0.039	_	_	-	1.00		Very coarse sand	
	0.020				0.50		Coarse sand	٦
1/2	0.0098			_	0.25		Medium sand	Sand
1/4	0.005			_	0.125		Fine sand	
1/8 —	0.0025				0.0625		Very fine sand	
1/16	0.0012	_	_	_	0.031		Coarse silt	
1/32	0.00061	_	_	_	0.0156		Medium silt	Silt
1/64	0.00031			_	0.0078		Fine silt	V)
1/128 —	0.00015				0.0039		Very fine silt	
17120	0.00010				0.0039		Clay	Mud



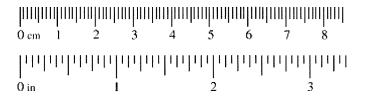
Project ID: 8568	Cross section ID:	N3_	Date: 9 Feb	22	Time:	11:30
Cross section drawin	g:	/				
344	grassy grassy 100 years 21 11	(S)				
MISK	S GVR157 GVR517					
	100					
	Kerrace I					
<u>OHWM</u>						
GPS point:						
Indicators:		4				
	age sediment texture		reak in bank slope			
Change in vege		H°	other:other:		_	
Change in vege	tation cover		mer.		_	
Comments:						
Floodplain unit:	Low-Flow Channel	ŞΦA	ctive Floodplain		Low Ten	race
	/	,				
GPS point:						
Characteristics of the flo	adalain unite					
Average sediment textu	e (ololole)					
Total veg cover:	re: <u>(V) b e</u> % Tree: <u>%</u> St	rub:	% Herb: / () %			
Community successiona	l stage:					
□ NA	U	□ N	Iid (herbaceous, shrubs	, saplir	ngs)	
Early (herbaced	ous & seedlings)		ate (herbaceous, shrubs	s, matu	re trees)	
/						
Indicators:		г .	. 11 . 1 1			
Mudcracks			oil development urface relief			
Ripples Drift and/or del	nris		Other: Godina Ac	1. ~	175	
Presence of bed		指 d	Other: Sediment of	in for	20.0	
Benches		Ĭŏ	Other:			
					_	
Comments:						

Project ID:	Cross section ID:	Date:	Time:
Floodplain unit:	Low-Flow Channel	Active Floodplain	Low Terrace
GPS point:			(
Community succession	xture:	ub:% Herb:% Mid (herbaceous, shrubs Late (herbaceous, shrubs	
Indicators: Mudcracks Ripples Drift and/or Presence of Benches	debris bed and bank	Soil development Surface relief Other: Other: Other:	
Comments:			
			·.
Floodplain unit:	Low-Flow Channel	☐ Active Floodplain	Low Terrace
GPS point:			
Characteristics of the Average sediment tex	e floodplain unit: kture: % Shr	ub:% Herb:% Mid (herbaceous, shrubs	conlings)
	ceous & seedlings)	Late (herbaceous, shrubs	
Indicators: Mudcracks Ripples Drift and/or		Soil development Surface relief Other: Other: Other:	

Project: SWV Project Number: 8848	Date: 7 may 21 Time: 8.49am Town: Sam DUGO State: CA					
Stream: 0, point 0-2 Investigator(s): B. Procsal, m. 0 Ison	Photo begin file#: Photo end file#:					
Y N Do normal circumstances exist on the site?	Location Details: Moody Caryon					
Y / N / Is the site significantly disturbed?	Projection: Datum: Coordinates: 22.557.842 - 117.036974					
Potential anthropogenic influences on the channel syst	tem:					
upstream trash dumping						
Brief site description:						
(obbly Stream channel	in Moody Cyn					
Checklist of resources (if available):						
Aerial photography Stream gag						
Dates: Gage num Topographic maps Period of r						
	y of recent effective discharges					
	s of flood frequency analysis					
☑ Soils maps ☐ Most r	ecent shift-adjusted rating					
	neights for 2-, 5-, 10-, and 25-year events and the					
	ecent event exceeding a 5-year event					
Global positioning system (GPS) Other studies						
	The dutain Haife					
Hydrogeomorphic F	· ·					
Active Floodplain	Low Terrace					
	its					
Low-Flow Channels	/ / OHWM Paleo Channel					
Procedure for identifying and characterizing the flood						
1. Walk the channel and floodplain within the study area	to get an impression of the geomorphology and					
vegetation present at the site.	Draw the grass section and label the fleedulein units					
2. Select a representative cross section across the channel. Draw the cross section and label the floodplain units.						
3. Determine a point on the cross section that is characteristic of one of the hydrogeomorphic floodplain units. a) Record the floodplain unit and GPS position.						
b) Describe the sediment texture (using the Wentworth	class size) and the vegetation characteristics of the					
floodplain unit.						
c) Identify any indicators present at the location.						
4. Repeat for other points in different hydrogeomorphic f						
5. Identify the OHWM and record the indicators. Record						
Mapping on aerial photograph Digitized on computer	GPS Other:					
Digitized on computer	J Omer.					

- /

Westworth Size Grasses								
Inches (in) Millimeters (mm)				Wentworth size class	s			
	10.08	_			256		Boulder	_
	2.56	_		_	64		Cobble — — -	Gravel
	0.157			****	4		Pebble Granule	ပ
	0.079	_			2.00			
	0.039	_	_	_	1.00		Very coarse sand	
	0.020	_		_	0.50		Coarse sand	ਰ
1/2	0.0098				0.25		Medium sand	Sand
1/4	0.005				0.125		Fine sand	
			_	_			Very fine sand	
1/8 —	0.0025				0.0625		Coarse silt	
1/16	0.0012	-			0.031		Medium silt	
1/32	0.00061	-		_	0.0156			Silt
1/64	0.00031			_	0.0078			
1/128 —	0.00015				0.0039		Very fine silt	
							Clay	Mud



Cross section drawing: SAL GOO **OHWM** GPS point: **Indicators:** Change in average sediment texture Break in bank slope Change in vegetation species
Change in vegetation cover Other: _____ **Comments:** Unvegetated Channel, clar breakin slope; Floodplain unit: De Low-Flow Channel Active Floodplain Low Terrace GPS point: Characteristics of the floodplain unit: Average sediment texture: Cobble and Send
Total veg cover: M Tree: M Shrub: M Herb: M Community successional stage: M NA Mid (herbaceous, shrubs, saplings) Early (herbaceous & seedlings) Late (herbaceous, shrubs, mature trees) **Indicators:** Mudcracks Soil development Ripples Ripples Surface relief Other: _____ Drift and/or debris Other: Presence of bed and bank Other: Benches **Comments:** COBBY Channel, novey

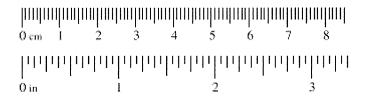
Date: 7May, 2021 Time: 8.49am

Project ID: 8 867 Cross section ID: ¹-2

Project ID:	Cross section ID:	Date:	Time:
Floodplain unit:	☐ Low-Flow Channel	☐ Active Floodplain	Low Terrace
GPS point:	e floodplain unit:		
Average sediment te Total veg cover:	xture: $5(1+)$ 0 % Tree: 0 % Shi	rub:% Herb:%	
Community successi NA Early (herba	aceous & seedlings)	Mid (herbaceous, shrubs Late (herbaceous, shrubs	
Benches	debris bed and bank	Soil development Surface relief Other: Other: Other:	
Comments:			
Floodplain unit:	Low-Flow Channel	Active Floodplain	Low Terrace
		- Active Produptain	Low reflace
Characteristics of the Average sediment te	xture:		
Total veg cover: Community successi		rub:% Herb:%	
□ NA	omi ombo.	Mid (herbaceous, shrubs	
Early (herba	aceous & seedlings)	Late (herbaceous, shrubs	s, mature trees)
Indicators:			
☐ Mudcracks		Soil development	
Ripples		Surface relief	
Drift and/or	debris bed and bank	Other:	
Benches	bod and bank	☐ Other:	
Comments:			

Project: Sathwest Village Project Number: 8868	Date: Feb. 18, 2020 Town: Sep. Reso	Time: 1240pm State: (A						
Stream: P. Part Part	Photo begin file#:	Photo end file#:						
Investigator(s): B. Prozsal, J. Sundberg Y ⋈ / N □ Do normal circumstances exist on the site?	Location Details:	-117.02917						
Y ☐ / N ☑ Is the site significantly disturbed?	Projection: Coordinates:	PARE Datum: NADR3						
Potential anthropogenic influences on the channel system:								
Ourping and erasion on musa to	20.							
Brief site description:								
Steep, narrow caryon, Floring no	th into Moody Gar	Yen						
Dates: ☐ Topographic maps ☐ Geologic maps ☐ Vegetation maps ☐ Rainfall/precipitation maps ☐ Gage numb ☐ Period of re ☐ History ☐ Results ☐ Rogel h	✓ Aerial photography ☐ Stream gage data Dates: Gage number: ✓ Topographic maps Period of record: ☐ Geologic maps ☐ History of recent effective discharges ☐ Vegetation maps ☐ Results of flood frequency analysis ☑ Soils maps ☐ Most recent shift-adjusted rating ☐ Rainfall/precipitation maps ☐ Gage heights for 2-, 5-, 10-, and 25-year events and the most recent event exceeding a 5-year event							
Hydrogeomorphic F	loodplain Units							
Active Floodplain	Low Terrace							
Low-Flow Channels	OHWM Paleo Chani							
Procedure for identifying and characterizing the flood	-	. 0						
 Walk the channel and floodplain within the study area to get an impression of the geomorphology and vegetation present at the site. Select a representative cross section across the channel. Draw the cross section and label the floodplain units. Determine a point on the cross section that is characteristic of one of the hydrogeomorphic floodplain units. a) Record the floodplain unit and GPS position. b) Describe the sediment texture (using the Wentworth class size) and the vegetation characteristics of the floodplain unit. c) Identify any indicators present at the location. Repeat for other points in different hydrogeomorphic floodplain units across the cross section. 								
5. Identify the OHWM and record the indicators. Record t		1000 SCCHOII.						
Mapping on aerial photograph	GPS							
Digitized on computer	Other:							

Inche	s (in)		Millimeters (mm) Wentworth size class			s	
	10.08	_		_	256	 Boulder	-
	2.56	_			64	 Cobble — — -	Gravel
	0.157				4	 Pebble — — — —	G
	0.079				2.00	 Granule	
	0.039	_			1.00	 Very coarse sand	
	0.020		******	_	0.50	 Coarse sand	٦
1/2	0.0098				0.25	 Medium sand	Sand
1/4	0.005	_			0.125	 Fine sand	
1/8 —	0.0025				0.0625	 Very fine sand	
1/16	0.0012			_	0.031	 Coarse silt	
1/32	0.00061				0.0156	 Medium silt	Silt
1/64	0.00031			_	0.0078	Fine silt	(I)
						Very fine silt	
1/128 —	0.00015				0.0039	Clay	Mud

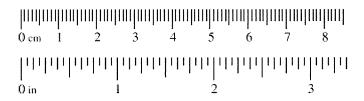


Project ID: 8868 Cross section ID: 8	-\ Date: Feb 18, 2020 Time: 1:40 pm
Cross section drawing.	dense, herbacens vegetation with loany soils
<u>OHWM</u>	
GPS point:	
Indicators: ☐ Change in average sediment texture ☐ Change in vegetation species ☐ Change in vegetation cover	☑ Break in bank slope☐ Other:☐ Other:
Comments: Distinct, nearly verticle bank	4, underect in snots
Floodplain unit:	Active Floodplain
	b:% Herb:%
Community successional stage: NA Early (herbaceous & seedlings)	☐ Mid (herbaceous, shrubs, saplings) ☐ Late (herbaceous, shrubs, mature trees)
Indicators: Mudcracks Ripples Drift and/or debris Presence of bed and bank Benches Benches Comments:	Soil development Surface relief Other: Other: Other:
Low-Flow channels active gradient well defined by	topography and vegetation

Project ID:	Cross section ID:	Date:	Time:
Floodplain unit:	Low-Flow Channel	☐ Active Floodplain	Low Terrace
CDC i4			
GPS point:			
Characteristics of the			
Average sediment te	xture:		
Total veg cover:	% Tree:% Shi	rub:% Herb:%	
Community successi	onal stage:	☐ Mid (herbaceous, shrubs	canlings)
	aceous & seedlings)	Late (herbaceous, shrubs	
	3 /		,
Indicators:		□ c :1 1 1	
☐ Mudcracks☐ Ripples		Soil development Surface relief	
Drift and/or	debris	Other:	
I	bed and bank	Utner:	
☐ Benches		Other:	
Comments:			
Floodplain unit	Low-Flow Channel	Active Floodplain	Low Terrace
Floouplain unit.	Low-Flow Chamler	Active Floodplain	Low Tellace
GPS point:			
	a		
Characteristics of th Average sediment te	-		
		rub:% Herb:%	
Community successi	ional stage:		
□ NA	-	Mid (herbaceous, shrubs	
Early (herba	aceous & seedlings)	Late (herbaceous, shrubs	, mature trees)
Indicators:			
Mudcracks		Soil development	
Ripples		Surface relief	
Drift and/or		Other:	
	bed and bank	Other:	
Benches		Other:	
Comments:			

Project: Southwest Whage	Date: Feb. 18, 2020 Time: 1:00pm						
	The state of the s						
Project Number: 3768	Town: San Dieso State: CA						
Stream: Q; Po. of Q-1	Photo begin file#: Photo end file#:						
Investigator(s): B. Procsal, J. Sundberg	T						
Y M Do normal circumstances exist on the site?	Location Details: 32,55883, -117,02801						
Y / N Is the site significantly disturbed? Projection: Coordinates: Datum: NAD &							
Potential anthropogenic influences on the channel syst	em:						
Some erosion on mesa above.							
Janua Diasidia du Linse Manci							
Brief site description:							
North Plains side carryon to	Moody Caryon						
Checklist of resources (if available):							
Aerial photography	e data						
Dates: Gage numb	per:						
Topographic maps Period of re	ecord:						
Geologic maps History	y of recent effective discharges						
☐ Vegetation maps ☐ Results	s of flood frequency analysis						
Soils maps	ecent shift-adjusted rating						
Rainfall/precipitation maps Gage h	eights for 2-, 5-, 10-, and 25-year events and the						
Existing delineation(s) for site most re	ecent event exceeding a 5-year event						
Global positioning system (GPS)							
Other studies							
Hydrogeomorphic F	loodolain Units						
	•						
Active Floodplain	Low Terrace						
4 44 4	and the same of th						
Low-Flow Channels	OHWM Paleo Channel						
Procedure for identifying and characterizing the flood	nlain units to assist in identifying the OHWM:						
1. Walk the channel and floodplain within the study area t	o get an impression of the geomorphology and						
vegetation present at the site.							
2. Select a representative cross section across the channel. I							
3. Determine a point on the cross section that is characteristic of one of the hydrogeomorphic floodplain units.							
a) Record the floodplain unit and GPS position.							
b) Describe the sediment texture (using the Wentworth	class size) and the vegetation characteristics of the						
floodplain unit.							
c) Identify any indicators present at the location.							
4. Repeat for other points in different hydrogeomorphic flo							
5. Identify the OHWM and record the indicators. Record the	-						
Mapping on aerial photograph	GPS						
☐ Digitized on computer ☐	Other:						

Inche	s (in)			Mil	limeters (m	m)	Wentworth size class	Wentworth size class	
	10.08	_		_	256		Boulder		
	2.56	_			64		Cobble	Gravel	
	0.157			_	4		Pebble	ပ	
	0.079				2.00		Granule		
	0.039	_	_	_	1.00		Very coarse sand		
	0.020	_			0.50		Coarse sand	o	
1/2	0.0098			_	0.25		Medium sand	Sand	
1/4	0.005			_	0.125		Fine sand		
1/8 —	0.003			_			Very fine sand		
					0.0625		Coarse silt		
1/16	0.0012				0.031		Medium silt	<u></u>	
1/32	0.00061			-	0.0156		Fine silt	Sit	
1/64	0.00031	-	_	_	0.0078		Very fine silt		
1/128 —	0.00015				0.0039		Charles	ğ	
							Clay	Mud	

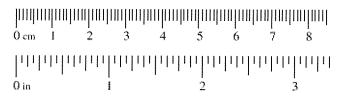


Project ID: 8868 Cross section ID: Q	-\ Date: Feb. 18, 2020 Time: 1:00 pm
Cross section drawing:	2 hus West
<u>OHWM</u>	
GPS point:	
Indicators: Change in average sediment texture Change in vegetation species Change in vegetation cover	☑ Break in bank slope☑ Other:☑ Other:
Comments: Distinct break in slape an Herbaccous species invaded a	d sediment change. hannel.
Floodplain unit:	Active Floodplain
GPS point:	
Characteristics of the floodplain unit: Average sediment texture: Total veg cover: 5 % Tree: 6 % Shrul Community successional stage: NA Early (herbaceous & seedlings)	b:% Herb:% Mid (herbaceous, shrubs, saplings) Late (herbaceous, shrubs, mature trees)
Indicators: Mudcracks Ripples Drift and/or debris Presence of bed and bank Benches	Soil development Surface relief Other: Other: Other:
Comments: Sail development present outside of Gravely sediments; atside is lo Philostoma and Claytonia in ch	t channel. any hand; no shribs in channel.

Project ID:	Cross section ID:	Date:	Time:
	Low-Flow Channel	☐ Active Floodplain	☐ Low Terrace
Characteristics of the	e floodplain unit: xture:% Tree:% Shru	ıb: % Herb:%	
Community successi NA		☐ Mid (herbaceous, shrubs,☐ Late (herbaceous, shrubs,	- · · · · · · · · · · · · · · · · · · ·
Indicators: Mudcracks Ripples Drift and/or Presence of Benches Comments:	debris bed and bank	Soil development Surface relief Other: Other: Other:	
Comments.			
Floodplain unit:	Low-Flow Channel	☐ Active Floodplain	☐ Low Terrace
GPS point:			
Community successi	exture:	ub:% Herb:% Mid (herbaceous, shrubs, Late (herbaceous, shrubs	* • ·
Benches	debris bed and bank	Soil development Surface relief Other: Other: Other:	
Comments:			

Project: Sw V	Date: 17 Mar 21 Time: 9. 55am						
Project Number: 8868 Stroom: D = 9 (leading South of Central fre	Town: State: State: Photo end file#:						
Project Number: 8868 Stream: 2-9 (leading South of Central Are Investigator(s): G PS, EAP	/ I noto begin the#.						
Y ☑ / N ☐ Do normal circumstances exist on the site?	(lading into Spring Cyn.						
Y ☑ / N ☐ Is the site significantly disturbed?	Projection: State Plane Datum: NAD83 Coordinates: 32,561322,-117.017787						
Potential anthropogenic influences on the channel sys	tem:						
traish I vip vap has been	· clempel, affects						
trash I vip vap has been flow pattern. Very	disturbed						
Chainage contributed to	rom opposite Side of road.						
chainage contributed to the physics of explanations of the characters of explanations of the characters of explanations of the characters of explanations of the characters of explanations of the characters of explanations of the characters of the	Spring Cyn						
Checklist of resources (if available):							
Aerial photography	-						
Dates: Gage num							
Topographic maps Period of n							
	y of recent effective discharges						
	ts of flood frequency analysis recent shift-adjusted rating						
1	heights for 2-, 5-, 10-, and 25-year events and the						
1	recent event exceeding a 5-year event						
Global positioning system (GPS)	room event exceeding a 3-year event						
Other studies							
Hydrogeomorphic I	Floodplain Units						
Active Floodplain	Low Terrace						
	/ /						
Low-Flow Channels	OHWM Paleo Channel						
Procedure for identifying and characterizing the flood							
1. Walk the channel and floodplain within the study area vegetation present at the site.	to get an impression of the geomorphology and						
2. Select a representative cross section across the channel. Draw the cross section and label the floodplain units.							
3. Determine a point on the cross section that is character	ristic of one of the hydrogeomorphic floodplain units.						
a) Record the floodplain unit and GPS position.							
b) Describe the sediment texture (using the Wentworth	class size) and the vegetation characteristics of the						
floodplain unit.							
c) Identify any indicators present at the location.							
1.41 Keneat for other points in different hydrogeomorphic t	, , , , , , , , , , , , , , , , , , ,						
	loodplain units across the cross section.						
5. Identify the OHWM and record the indicators. Record Mapping on aerial photograph							

Wentworth Size Classes									
Inche	es (in)			Millimeters (mm)			Wentworth size class		
	10.08	_			256		Boulder		
	2.56				64		Cobble	Gravel	
	0.157		******	_	4		Pebble	ত	
	0.079				2.00		Granule		
	0.039			-	1.00		Very coarse sand		
	0.020	_	*******	_	0.50		Coarse sand	ğ	
1/2	0.0098	_		_	0.25		Medium sand	Sand	
1/4	0.005	_			0.125		Fine sand		
1/8 —	0.0025	-	····		0.0625		Very fine sand		
1/16	0.0012				0.031		Coarse silt		
1/32	0.00061	_		_	0.0156		Medium silt	Sit	
1/64	0.00031	_			0.0078		Fine silt	-	
1/128 —	0.00015				0.0039		Very fine silt		
					2.0000		Clay	Mud	



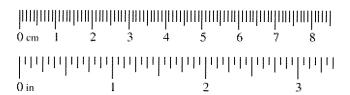
Project ID:	Cross section ID:	Date:	Time:
Cross section dra	awing:		
	awing:	L. Centry	
	_	Centry pran Potat NT	,
by culved upper.			
by cult "	Inch		
wp730	(0, Ho,		
<u>OHWM</u>			
GPS point:			
Indicators:			
	average sediment texture	Break in bank slope	
	vegetation species	Other:	
Change in	vegetation cover	Other:	···
Comments			
Comments:			
L			
Floodplain unit:	Low-Flow Channel	Active Floodplain	☐ Low Terrace
CDC mainte		ortind i. they we the	Same
GPS point:			
Characteristics of t	texture: demond concre D % Tree: % Shr sional stage:	all fines	are corried down
Average sediment	texture: demped concre	te blocks, bake go	es thrufash
Community succes	sional stage:	ub. <u>20</u> % Herb: <u>8</u> %	
☐ NA		Mid (herbaceous, shrub	s, saplings)
Early (her	baceous & seedlings)	Late (herbaceous, shrub	os, mature trees)
Indicators:			
Mudcrack	S	Soil development	
Ripples		Surface relief	
Drift and/o	or debris of bed and bank	Other:	
Benches	of oed and bank	☐ Other: ☐ Other: ☐	
Comments:			
Comments.			

Project ID:	Cross section ID) :	Date:	Ti	me:
Floodplain unit:	Low-Flow Channel		Active Floodplain	☐ Lo	w Terrace
			ŕ		
Characteristics of th					
Average sediment to	exture:% Tree:%				
Total veg cover:	% Tree:%	Shrub:	% Herb:	%	
Community success	ional stage:	·			
□ NA	0 11'		Mid (herbaceous, shr		
Early (herb	aceous & seedlings)		Late (herbaceous, shr	ubs, mature	trees)
Indicators: Mudcracks Ripples Drift and/or Presence of Benches Comments:	r debris Sbed and bank		Soil development Surface relief Other: Other: Other:		
	Low-Flow Channel		Active Floodplain	Lo	w Terrace
Characteristics of th Average sediment te	e floodplain unit: exture:				
Total veg cover:		Shrub:	% Herb:	%	
Community success	ional stage:		Mid (hamba a assa a sha		-)
*********	aceous & seedlings)		Mid (herbaceous, shr Late (herbaceous, shr		,
L Larry (nero	accous & secumigs)		Late (nervaceous, siii	aos, maint	u cos)
Indicators:					
☐ Mudcracks			Soil development		
Ripples		· 🔲	Surface relief		
Drift and/or			Other:		
	bed and bank		Other:		
☐ Benches			Other:	***************************************	
Comments:					

Spring conyon lower put

	ticht Streams Off with Datasticet
Project: Swv Project Number: 8868 Stream: 5,-1 Investigator(s): G. Sheid, B. Procsal	Date: [7 Mov 2] Time: [7:30] Town: Surface State: CA Photo begin file#: Photo end file#:
Y N Do normal circumstances exist on the site?	Location Details: Epheneral drainage in integation Lands Projection: State Plane Datum: NAD 83
Y / N / Is the site significantly disturbed?	Coordinates: 32.548950, -117.007065
Potential anthropogenic influences on the channel syst	tem:
none	
Brief site description:	
opring cyn, flows	toTJ River
✓ Vegetation maps ☐ Result ✓ Soils maps ☐ Most r ☐ Rainfall/precipitation maps ☐ Gage h	ber:
Hydrogeomorphic F	Floodplain Units
Active Floodplain	Low Terrace
Low-Flow Channels	OHWM Paleo Channel
Procedure for identifying and characterizing the flood 1. Walk the channel and floodplain within the study area to	plain units to assist in identifying the OHWM:
vegetation present at the site. 2. Select a representative cross section across the channel. 3. Determine a point on the cross section that is characterial a) Record the floodplain unit and GPS position. b) Describe the sediment texture (using the Wentworth floodplain unit. c) Identify any indicators present at the location. 4. Repeat for other points in different hydrogeomorphic floodplain the OHWM and record the indicators. Record to	Draw the cross section and label the floodplain units. istic of one of the hydrogeomorphic floodplain units. class size) and the vegetation characteristics of the loodplain units across the cross section.

Wentworth Size Classes								
Inche	es (in)			Millimeters (mm)			Wentworth size class	
	10.08			_	256		Boulder	
	2.56			_	64		Cobble Pebble	
	0.157		whitele		4			
	0.079	-			2.00		Granule	
	0.039				1.00		Very coarse sand	
	0.020			_	0.50		Coarse sand	
1/2	0.0098				0.25	****	Medium sand	
1/4	0.005	_		_	0.125		Fine sand	
1/8 —	0.0025	-			0.0625		Very fine sand	
1/16	0.0012	_		_	0.031		Coarse silt	
1/32	0.00061	_			0.0156		Medium silt	
1/64	0.00031	_			0.0078		Fine silt	
1/128 —	0.00015	_			0.0039		Very fine silt	
							Clay DNW	



Project ID:	Cross section ID:	Date:	Time:
Cross section draw	ing:		
	lowflow/active flowed	plen -	
OTHVA			
<u>OHWM</u>			
GPS point:			
Change in ve	verage sediment texture egetation species egetation cover	Break in bank slope Other: Other:	
Comments:			
Floodplain unit:	Low-Flow Channel	Active Floodplain	Low Terrace
GPS point:			
Community succession NA	ture: Sympa + _ % Tree: 30 % Shru	ub: 30 % Herb:% Mid (herbaceous, shrubs, Late (herbaceous, shrubs	
Indicators: Mudcracks Ripples Prift and/or of the process of the		Soil development Surface relief Other: Other: Other:	

Project ID:	Cross section ID:	Date:	Time:
Floodplain unit:	Low-Flow Channel	Active Floodplain	☐ Low Terrace
GPS point:		•	
Characteristics of the	e floodplain unit:		
Average sediment te	xture:		0.4
Total veg cover:	%	Shrub:% Herb:	%
Community succession NA	onal stage:		1 1 1
	ceous & seedlings)	Mid (herbaceous, shr	
Early (fictor	ceous & seedings)	Late (herbaceous, shr	ubs, mature trees)
Indicators: Mudcracks Ripples Drift and/or Presence of Benches Comments:	debris bed and bank	Soil development Surface relief Other: Other: Other:	
Comments.			
	Low-Flow Channel	☐ Active Floodplain	Low Terrace
Characteristics of the Average sediment tex	floodplain unit:		
Total veg cover:	% Tree: % S		%
Community succession	onal stage:		
□ NA	0 111	Mid (herbaceous, shru	
Early (herbae	ceous & seedlings)	Late (herbaceous, shr	ubs, mature trees)
Indicators:			
Mudcracks		Soil development	
Ripples		Surface relief	
Drift and/or	debris	Other:	
Presence of t		Other:	
Benches		Other:	
Comments:			
Comments.			

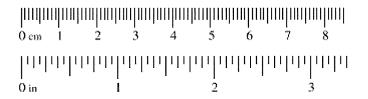
Arid West Ephemeral and Intermittent Streams OHWM Datasheet

Project: SWV Project Number: SKUS	Date: 9Feb22 Time: 10:15
Stream: T	Town: San Dugo State: A Photo begin file#: Photo end file#:
Investigator(s): AKS, EAP	
Y M Do normal circumstances exist on the site?	Location Details: 32-545428, -117.015104
Y/N Is the site significantly disturbed?	Projection: State Picine Datum: NAD83 Coordinates:
Potential anthropogenic influences on the channel syst	em:
none, cultert on downs	tream end
Brief site description:	
dramage is within mitigation	~ lands + will be presented
dramage is within initigation It meanders down swallon) ((107 107
-	Carryon
Checklist of resources (if available):	
Aerial photography	
Dates: Gage numb	
Topographic maps Period of records	
	y of recent effective discharges
	s of flood frequency analysis
	ecent shift-adjusted rating
	neights for 2-, 5-, 10-, and 25-year events and the
	ecent event exceeding a 5-year event
Global positioning system (GPS)	
Other studies	
Hydrogeomorphic F	loodplain Units
, Active Floodplain	, Low Terrace ,
Low-Flow Channels	OHWM Paleo Channel
Low-Flow Channels Procedure for identifying and characterizing the flood	
Procedure for identifying and characterizing the flood	plain units to assist in identifying the OHWM:
Procedure for identifying and characterizing the flood 1. Walk the channel and floodplain within the study area to	plain units to assist in identifying the OHWM:
Procedure for identifying and characterizing the flood 1. Walk the channel and floodplain within the study area to vegetation present at the site.	plain units to assist in identifying the OHWM: to get an impression of the geomorphology and
 Procedure for identifying and characterizing the flood Walk the channel and floodplain within the study area to vegetation present at the site. Select a representative cross section across the channel. 	plain units to assist in identifying the OHWM: to get an impression of the geomorphology and Draw the cross section and label the floodplain units.
 Procedure for identifying and characterizing the flood Walk the channel and floodplain within the study area to vegetation present at the site. Select a representative cross section across the channel. Determine a point on the cross section that is characterized. 	plain units to assist in identifying the OHWM: to get an impression of the geomorphology and Draw the cross section and label the floodplain units.
 Procedure for identifying and characterizing the flood Walk the channel and floodplain within the study area to vegetation present at the site. Select a representative cross section across the channel. Determine a point on the cross section that is characteria. Record the floodplain unit and GPS position. 	plain units to assist in identifying the OHWM: to get an impression of the geomorphology and Draw the cross section and label the floodplain units. istic of one of the hydrogeomorphic floodplain units.
 Procedure for identifying and characterizing the flood Walk the channel and floodplain within the study area to vegetation present at the site. Select a representative cross section across the channel. Determine a point on the cross section that is characterial and Record the floodplain unit and GPS position. Describe the sediment texture (using the Wentworth) 	plain units to assist in identifying the OHWM: to get an impression of the geomorphology and Draw the cross section and label the floodplain units. istic of one of the hydrogeomorphic floodplain units.
 Procedure for identifying and characterizing the flood Walk the channel and floodplain within the study area to vegetation present at the site. Select a representative cross section across the channel. Determine a point on the cross section that is characterial and Record the floodplain unit and GPS position. Describe the sediment texture (using the Wentworth floodplain unit. 	plain units to assist in identifying the OHWM: to get an impression of the geomorphology and Draw the cross section and label the floodplain units. istic of one of the hydrogeomorphic floodplain units.
 Procedure for identifying and characterizing the flood Walk the channel and floodplain within the study area to vegetation present at the site. Select a representative cross section across the channel. Determine a point on the cross section that is characteria. Record the floodplain unit and GPS position. Describe the sediment texture (using the Wentworth floodplain unit. Identify any indicators present at the location. 	plain units to assist in identifying the OHWM: to get an impression of the geomorphology and Draw the cross section and label the floodplain units. istic of one of the hydrogeomorphic floodplain units. class size) and the vegetation characteristics of the
 Procedure for identifying and characterizing the flood Walk the channel and floodplain within the study area to vegetation present at the site. Select a representative cross section across the channel. Determine a point on the cross section that is character a) Record the floodplain unit and GPS position. Describe the sediment texture (using the Wentworth floodplain unit. Identify any indicators present at the location. Repeat for other points in different hydrogeomorphic floodplain. 	plain units to assist in identifying the OHWM: to get an impression of the geomorphology and Draw the cross section and label the floodplain units. istic of one of the hydrogeomorphic floodplain units. class size) and the vegetation characteristics of the loodplain units across the cross section.
 Procedure for identifying and characterizing the flood Walk the channel and floodplain within the study area to vegetation present at the site. Select a representative cross section across the channel. Determine a point on the cross section that is characterialaly and the floodplain unit and GPS position. Describe the sediment texture (using the Wentworth floodplain unit. Identify any indicators present at the location. Repeat for other points in different hydrogeomorphic floodplain the OHWM and record the indicators. Record 	plain units to assist in identifying the OHWM: to get an impression of the geomorphology and Draw the cross section and label the floodplain units. istic of one of the hydrogeomorphic floodplain units. class size) and the vegetation characteristics of the loodplain units across the cross section.



Wentworth Size Classes

Wentworth Size Classes								
Inches	(in)			Mill	imeters (m	m)	Wentworth size clas	s
10	0.08	_	_	_	256		Boulder	
	2.56			_	64		Cobble	Gravel
	D. 15 7	_			4		Pebble	ဖ
	0.079 -	_			2.00		Granule	
	0.039	_		_	1.00		Very coarse sand	
	0.020				0.50		Coarse sand	Sand
1/2 (0.0098	_			0.25		Medium sand	Sa
1/4 (0.005		********		0.125		Fine sand	
1/8 — (0.0025 -				0.0625		Very fine sand	
1/16	0.0012	_		_	0.031		Coarse silt	
1/32	0.00061				0.0156		Medium silt	Silt
1/64 (0.00031	_		_	0.0078		Fine silt	
1/128 —	0.00015-	_			0.0039		Very fine silt	
							Clay	Mud



Project ID:	Cross section ID:	Date:	Time:
Cross section drawin	g: 355		
OHWM GPS point: Indicators: Change in avera Change in vege	age sediment texture	☑ Break in bank slope ☐ Other: <u>②</u> ☐ Other:	
Comments:		·····	
Floodplain unit: GPS point:		Active Floodplain	Low Terrace
Characteristics of the flee Average sediment texture Total veg cover: Community successiona NA Early (herbaced	re: <u>Cobble</u> % Tree: <u>—</u> % Shrub Il stage:	b:% Herb:% Mid (herbaceous, shrubs, s Late (herbaceous, shrubs,	
Indicators: Mudcracks Ripples Drift and/or del Presence of bed Benches		Soil development Surface relief Other: Sediment de Other: Other:	posts
Comments:			

Project ID:	Cross section ID:	Date:	Time:
Floodplain unit:	Low-Flow Channel	Active Floodplain	Low Terrace
GPS point:			Stopes outside channel
Community succession NA	xture: 10am w/ co	ab: 25 % Herb: 25 % Mid (herbaceous, shrub Late (herbaceous, shrub	os, saplings)
Indicators:	debris bed and bank	Soil development Surface relief Other: Other: Other:	
L		- Commence of the Commence of	
Floodplain unit:	☐ Low-Flow Channel	☐ Active Floodplain	Low Terrace
GPS point:			
Grs point:			
Characteristics of the	floodplain unit:		
Average sediment tex	***************************************	1 0/ 11 1 0/	
Community succession	%	ıb:% Herb:%	
│ □ NA		☐ Mid (herbaceous, shrub	
Early (herba	ceous & seedlings)	Late (herbaceous, shrul	os, mature trees)
Indicators:			
☐ Mudcracks		Soil development	
Ripples	1.1.	Surface relief	
Drift and/or	debris bed and bank	Other:	
Benches	ded and bank	☐ Other:	
Comments:			





ATTACHMENT 8

Data Forms for the Streamflow Duration Assessment Method for the Arid West of the United States

General site information

Project name or number: Southwe			
Site code or identifier: Drainage	A Assesso	$rac{r(s):}{}$ Beth Procsal and Ge	
Waterway name: Drainage A			Visit date: 8/18/21
Current weather conditions (check □ Storm/heavy rain □ Steady rain □ Intermittent rain □ Snowing □ Cloudy (100% cover) □ Clear/Sunny		nt or recent weather ,, precipitation in previous , dry	Coordinates at downstream end (decimal degrees): Lat (N):32.56112 Long (W):-117.02166 Datum:NAD83
Surrounding land-use within 100 n ☐ Urban/industrial/residential ☐ Agricultural (farmland, crops, v ☐ Developed open-space (e.g., go) ☐ Forested ☐ Other natural ☐ Other:	ineyards, pasture)	Describe reach boundari	es:
Mean channel width (m) 1.5 m	Reach length (m): 40x width; min 40 m; max 200 m. 200 m	Enter Top down: Mid up:	
Disturbed or difficult conditions (c ☐ Recent flood or debris flow ☐ Stream modifications (e.g., char ☐ Diversions ☐ Discharges ☐ Drought ☐ Vegetation removal/limitations ☐ Other (explain in notes) ☑ None		Notes on disturbances or	r difficult site conditions:
Observed hydrology:		Comments on observed	-
0 % of reach with surface flo)W	No ponded water o	f flows present.
0 % of reach with sub-surface	ee or surface flow		
0 # of isolated pools			

1. Hydrophytic plant species

Record up to 5 hydrophytic plant species (FACW or OBL in the **Arid West** regional wetland plant list) within the assessment area: **within the channel or up to one half-channel width**. Explain in notes if species has an odd distribution (e.g., covers less than 2% of assessment area, long-lived species solely represented by seedlings, or long-lived species solely represented by specimens in decline), or if there is uncertainty about the identification. Enter photo ID, or check if photo is taken.

Check if applicable:	□ No vegetation in ass	sessment area	☑ No hydrophytes in assessme	nt area
		Odd		Photo
Species		distribution?	Notes	ID
Notes on hydrophytic vegetati	on:			

2 and 3. Aquatic invertebrates

2 and 3. Aq	uatic inverter	or ares		
2. How many aquatic invertebrates are quantified in a 15-minute search?		3. Is there evidence of aq and Trichoptera)?	uatic stages of EPT (I	Ephemeroptera, Plecoptera
Number of individuals quantified: (Do not count mosquitos)	✓ None☐ 1 to 19☐ 20 +			
Photo ID:	_	Ephemeroptera larva Image credit: <u>Dieter Tracey</u>	Plecoptera larva <u>Tracey Saxby</u>	Trichoptera larva <u>Tracey Saxby</u>

Notes on aquatic invertebrates:

4. Algal Cover

Are algae found on the	☑ Not detected	Notes on algae cover:	Photo ID:
stream bed?	☐ Yes, < 10% cover		
☐ Check if <u>all</u> observed algae appear to be deposited from an upstream source.	☐ Yes, ≥ 10% (check Yes in single indicator below)		

5. Are single indicators observed?

Indicator	Present	Notes	Photo ID
Fish	□ Yes		
	☑ No, no fish		
	□ No, only non-native mosquitofish		
Algae cover ≥ 10%	□ Yes		
	☑ No		

Supplemental information E.g., aquatic or semi-aquatic amphibians, snakes, or turtles; iron-oxidizing bacteria and fungi; etc.

Photo log

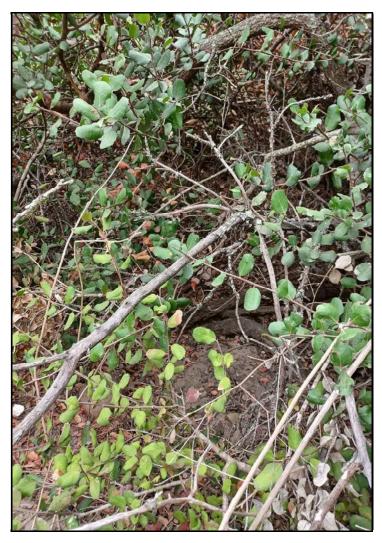
Indicate if any other photos taken during the assessment

Photo ID	Description
Photograph 1	Downstream of Drainage A, Facing East
Photograph 2	Upstream View of Drainage A, Facing West

Classification:	Ephemeral				
1. Hydrophytic plant species	2. Aquatic invertebrates	3. EPT taxa	4. Algae	5. Single indicatorsfish presentalgae cover ≥ 10%	Classification
			Absent	Absent	Ephemeral
	None	Absent	Abscit	Present	At least intermittent
	Trone	TROSCILL	Present	Absent	Need more information
				Present	At least intermittent
			Absent	Absent	Need more information
		Absent		Present	At least intermittent
	Few (1-19)		Present	Absent Present	Need more information At least intermittent
None		Present		FIESCH	At least intermittent
				Absent	Need more information
			Absent	Present	At least intermittent
		Absent		Absent	Need more information
	Many (20+)		Present	Present	At least intermittent
		Present			At least intermittent
		Absent	Absent	Absent	Need more information
	None			Present	At least intermittent
			Present		At least intermittent
		Absent	Absent		Intermittent
			Present		At least intermittent
Few (1-2)	Few (1-19)	Present			At least intermittent
		Absent	Absent		Intermittent
			Present		At least intermittent
	Many (20+)		Absent		At least intermittent
		Present	Present		Intermittent
				Absent	Need more information
	None	Absent	Absent	Present	At least intermittent
	Tione	7 LUSCIII	Present	1 regent	At least intermittent At least intermittent
Many (3+)	F. (1.10)	Absent	Tresent		At least intermittent
	Few (1-19)	Present			Perennial
	Many (20+)	Absent			At least intermittent
	1viairy (201)	Present			Perennial



PHOTOGRAPH 1 Downstream of Drainage A, Facing East



PHOTOGRAPH 2 Upstream View of Drainage A, Facing West



General site information

Project name or number: Southwe	st Village 8868				
Site code or identifier: Drainage B(b) Assessore			s): Beth Procsal and Gerry Scheid		
Waterway name: Drainage B(b)					Visit date: 8/18/21
Current weather conditions (check one) □ Storm/heavy rain conditions (e.g., week): Sunny, co			ecipitatio y	on in previous	Coordinates at downstream end (decimal degrees): Lat (N): 32.55926 Long (W): -117.02127 Datum: NAD83
Surrounding land-use within 100 n ☐ Urban/industrial/residential ☐ Agricultural (farmland, crops, v ☐ Developed open-space (e.g., go ☐ Forested ☐ Other natural ☐ Other:	ineyards, pasture)): Г	Describe	reach boundario	es:
Mean channel width (m) 1.0 m	Reach length (m): 40x width; min 40 m; max 2 40 m	40x width; min 40 m; max 200 m. Top down: _		Enter p Top down: Mid up:	
Disturbed or difficult conditions (c ☐ Recent flood or debris flow ☐ Stream modifications (e.g., char ☐ Diversions ☐ Discharges ☐ Drought ☐ Vegetation removal/limitations ☐ Other (explain in notes) ☑ None	***	N	Trash o		difficult site conditions: anyon slopes, however, gy.
Observed hydrology:		(Comment	ts on observed h	nydrology:
0 % of reach with surface flo					
0 % of reach with sub-surface 0 # of isolated pools	ce or surface flow				
Give Not isolated pools					

1. Hydrophytic plant species

Record up to 5 hydrophytic plant species (FACW or OBL in the **Arid West** regional wetland plant list) within the assessment area: **within the channel or up to one half-channel width**. Explain in notes if species has an odd distribution (e.g., covers less than 2% of assessment area, long-lived species solely represented by seedlings, or long-lived species solely represented by specimens in decline), or if there is uncertainty about the identification. Enter photo ID, or check if photo is taken.

Check if applicable:	□ No vegetation in ass	sessment area	☑ No hydrophytes in assessment ✓ No hydrophytes in assessment ✓ No hydrophytes in assessment ✓ No hydrophytes in assessment ✓ No hydrophytes in assessment ✓ No hydrophytes in assessment ✓ No hydrophytes in assessment ✓ No hydrophytes in assessment ✓ No hydrophytes in assessment ✓ No hydrophytes in assessment ✓ No hydrophytes in assessment ✓ No hydrophytes in assessment ✓ No hydrophytes in assessment ✓ No hydrophytes in assessment ✓ No hydrophytes ✓ No hydr	ent area
		Odd		Photo
Species		distribution?	Notes	ID
Notes on hydrophytic vegetati	on:			

2 and 3. Aquatic invertebrates

2. How many invertebrate quantified in search?	-	3. Is there evidence of aq and Trichoptera)?	uatic stages of EPT (I	Ephemeroptera, Plecoptera
Number of individuals quantified: (Do not count mosquitos)	✓ None☐ 1 to 19☐ 20 +			
Photo ID:		Ephemeroptera larva Image credit: <u>Dieter Tracev</u>	Plecoptera larva <u>Tracey Saxby</u>	Trichoptera larva <u>Tracey Saxby</u>

Notes on aquatic invertebrates:

4. Algal Cover

Are algae found on the	✓ Not detected	Notes on algae cover:	Photo ID:
stream bed?	☐ Yes, < 10% cover		
☐ Check if <u>all</u> observed algae appear to be deposited from an upstream source.	☐ Yes, ≥ 10% (check Yes in single indicator below)		

5. Are single indicators observed?

Indicator	Present	Notes	Photo ID
Fish	□ Yes		
	☑ No, no fish		
	□ No, only non-native mosquitofish		
Algae cover ≥ 10%	□ Yes		
	☑ No		

Supplemental information E.g., aquatic or semi-aquatic amphibians, snakes, or turtles; iron-oxidizing bacteria and fungi; etc.

Photo log

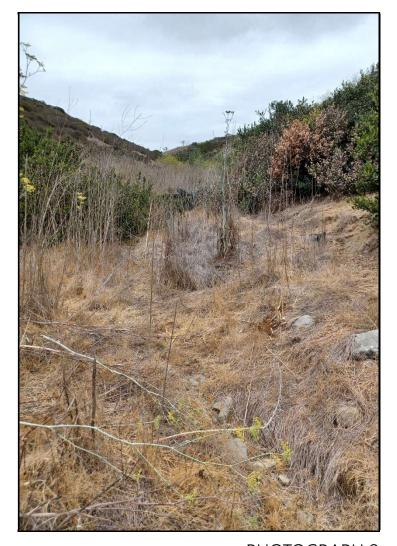
Indicate if any other photos taken during the assessment

Photo ID	Description
Photograph 1	Downstream View of Drainage B(b), Facing Southwest
Photograph 2	Upstream View of Drainage B(b), Facing Northeast

Classification:	Ephemeral				
1. Hydrophytic plant species	2. Aquatic invertebrates	3. EPT taxa	4. Algae	5. Single indicatorsfish presentalgae cover ≥ 10%	Classification
			Absent	Absent	Ephemeral
	None	Absent	Ausent	Present	At least intermittent
	Kone	riosent	Present	Absent	Need more information
			11000110	Present	At least intermittent
			Absent	Absent	Need more information
		Absent		Present	At least intermittent
	Few (1-19)		Present	Absent	Need more information
NT				Present	At least intermittent
None		Present			At least intermittent
			4.1	Absent	Need more information
			Absent	Present	At least intermittent
		Absent		Absent	Need more information
	Many (20+)		Present	Present	At least intermittent
		Present			At least intermittent
	None	Absent	Absent	Absent	Need more information
				Present	At least intermittent
			Present		At least intermittent
		Absent	Absent		Intermittent
			Present		At least intermittent
Few (1-2)	Few (1-19)	Present			At least intermittent
			Absent		Intermittent
		Absent	Present		At least intermittent
	Many (20+)		Absent		At least intermittent
		Present	Present		Intermittent
			1 1 CSOIII	Absent	Need more information
	None	Absent	Absent	Present	At least intermittent
	None	Ausent	Durana	riesein	
			Present		At least intermittent
	Fav. (1. 10)	Absent			At least intermittent
Many (3+)	Few (1-19)	Present			Perennial
		Absent			At least intermittent
	Many (20+)	Present			Perennial



PHOTOGRAPH 1 Downstream View of Drainage B(b), Facing Southwest



PHOTOGRAPH 2 Upstream View of Drainage B(b), Facing Northeast



General site information

Project name or number: Southw	est Village 88	68			
Site code or identifier: Drainage	В	Assessor(s	s): Beth Procsal and Gerry Scheid		
Waterway name: Drainage B					Visit date: 8/18/21
Current weather conditions (check one) □ Storm/heavy rain □ Steady rain □ Intermittent rain □ Snowing □ Cloudy (100 % cover) □ Clear/Sunny			precipitati dry	on in previous	Coordinates at downstream end (decimal degrees): Lat (N): 32.55823 Long (W):-117.02167 Datum:NAD83
Surrounding land-use within 100 n ☐ Urban/industrial/residential ☐ Agricultural (farmland, crops, v ☐ Developed open-space (e.g., go ☐ Forested ☐ Other natural ☐ Other:	ineyards, pastu	·	Describe	reach boundari	es:
Mean channel width (m) 1.5 m	Reach length 40x width; min 40 r 200 m			Enter Top down: Mid up:	
Disturbed or difficult conditions (c ☐ Recent flood or debris flow ☐ Stream modifications (e.g., char ☐ Diversions ☐ Discharges ☐ Drought ☐ Vegetation removal/limitations ☐ Other (explain in notes) ☑ None		oply):	Notes on	disturbances or	difficult site conditions:
Observed hydrology:			Commen	ts on observed l	nydrology:
$\frac{0}{2}$ % of reach with surface flo	OW				
0 % of reach with sub-surface	ce or surface flo	ow			
0 # of isolated pools					

 $\hfill\square$ No, only non-native mosquitofish

☐ Yes☑ No

Algae cover ≥ 10%

1. Hydrophytic plant species

Record up to 5 hydrophytic plant species (FACW or OBL in the **Arid West** regional wetland plant list) within the assessment area: **within the channel or up to one half-channel width**. Explain in notes if species has an odd distribution (e.g., covers less than 2% of assessment area, long-lived species solely represented by seedlings, or long-lived species solely represented by specimens in decline), or if there is uncertainty about the identification. Enter photo ID, or check if photo is taken.

specimens in decline), or if the	here is uncertainty about the i	dentification. Enter	photo ID, or check if pl	10to 1s taken.
Check if applicable:	□ No vegetation in ass	sessment area	☑ No hydrophy	tes in assessment area
G .		Odd	NT 4	Photo
Species		distribution?	Notes	ID
Notes on hydrophytic veget	tation:			
	s stand of Bacsal in upper	mid-		
channel of reach.				
2 and 3. Aquatic inv			ATDT (T.)	
2. How many aquatic invertebrates are			es of EPT (Ephemer	optera, Plecoptera
quantified in a 15-minu	and Trichoptera)?		Yes /No	
search?			1 05 / [[10]	
searen.	ಟ∷*	\		
Number of ✓ None		Va		
individuals \Box 1 to 19	9	J.		
quantified: \Box 20 +				
(Do not		ŧ		- P
count mosquitos)				78
mosquitos)	/ \	/		
Photo ID:	Ephemeroptera lar	va Pleconte	era larva	Trichoptera larva
Filoto ID.	Image credit: Dieter T			Tracey Saxby
Notes on aquatic invertebra	ites:			
A Algel Cover				
4. Algal Cover Are algae found on the	☑ Not detected	Notes on algae co	wer:	Photo ID:
stream bed?	☐ Yes, < 10% cover	Notes on argae co	JVC1.	Thoto ID.
	\Box Yes, $\geq 10\%$ (check			
☐ Check if <u>all</u> observed	Ves in single			
algae appear to be deposit	indicator below)			
from an upstream source.	mareator seto iii)			
5. Are single indicate	ors observed?			
Indicator	Present	Notes		Photo ID
Fish		1,000		
	o, no fish			

Supplemental information	ι E.g., aquatio	e or semi-aquatio	amphibians,	snakes, c	or turtles; iroi	n-oxidizing	bacteria and
fungi; etc.							

Photo log

Indicate if any other photos taken during the assessment

Photo ID	Description
Photograph 1	Downstream View of Drainage B, Facing Northeast
Photograph 2	Upstream View of Drainage B, Facing Southeast

Classification:					
1. Hydrophytic plant species	2. Aquatic invertebrates	3. EPT taxa	4. Algae	5. Single indicatorsfish presentalgae cover ≥ 10%	Classification
			Absent	Absent	Ephemeral
	None	Absent	Absent	Present	At least intermittent
	Trone	Absent	Present	Absent	Need more information
				Present	At least intermittent
			Absent	Absent	Need more information
		Absent		Present	At least intermittent
	Few (1-19)		Present	Absent	Need more information
None		Present		Present	At least intermittent At least intermittent
		Tresent		Absent	Need more information
			Absent	Present	At least intermittent
		Absent		Absent	Need more information
	Many (20+)		Present	Present	At least intermittent
				Present	At least intermittent
		Present			At least intermittent
	None	Absent	Absent	Absent	Need more information
				Present	At least intermittent
			Present		At least intermittent
		Absent	Absent		Intermittent
			Present		At least intermittent
Few (1 - 2)	Few (1-19)	Present			At least intermittent
			Absent		Intermittent
		Absent	Present		At least intermittent
	Many (20+)		Absent		At least intermittent
		Present	Present		Intermittent
			1150110	Absent	Need more information
	None	Absent	Absent	Present	At least intermittent
	Tione	7 LOSCIII	Present	1 1 Cociii	At least intermittent
		Absent	riescht		At least intermittent
Many (3+)	Few (1-19)	Present			Perennial
		Absent			At least intermittent
	Many (20+)	Present			Perennial



PHOTOGRAPH 1 Downstream View of Drainage B, Facing Northeast



PHOTOGRAPH 2 Upstream View of Drainage B, Facing Southeast



General site information

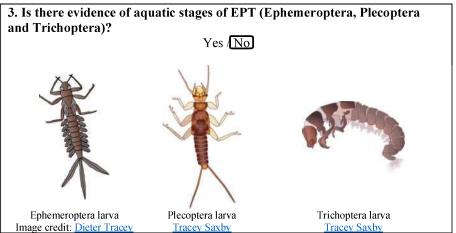
Project name or number: Southwest Village	ge 8868		
Site code or identifier: Drainage D	Assessor(s	s): Beth Procsal and Ge	
Waterway name: Drainage D	·		Visit date: 8/18/21
Current weather conditions (check one) □ Storm/heavy rain □ Steady rain □ Intermittent rain □ Snowing □ Cloudy (100 % cover) □ Clear/Sunny	conditions (e.g., week): Sunny,		Coordinates at downstream end (decimal degrees): Lat (N): 32.55706 Long (W): -117.02457 Datum: NAD83
Surrounding land-use within 100 m (check ☐ Urban/industrial/residential ☐ Agricultural (farmland, crops, vineyards ☐ Developed open-space (e.g., golf course) ☐ Forested ☐ Other natural ☐ Other:	, pasture)		es: drainage E and the entire length of an 40 m. The entire drainage is
Mean channel width (m) Reach 1 40x width;	length (m): min 40 m; max 200 m.	Enter j Top down: Mid up:	
Disturbed or difficult conditions (check all ☐ Recent flood or debris flow ☐ Stream modifications (e.g., channelization) ☐ Diversions ☐ Discharges ☐ Drought ☐ Vegetation removal/limitations ☐ Other (explain in notes) ☑ None		Notes on disturbances or	difficult site conditions:
Observed hydrology:		Comments on observed l	hydrology:
 % of reach with surface flow % of reach with sub-surface or surf # of isolated pools 	ace flow		

1. Hydrophytic plant species

Record up to 5 hydrophytic plant species (FACW or OBL in the **Arid West** regional wetland plant list) within the assessment area: **within the channel or up to one half-channel width**. Explain in notes if species has an odd distribution (e.g., covers less than 2% of assessment area, long-lived species solely represented by seedlings, or long-lived species solely represented by specimens in decline), or if there is uncertainty about the identification. Enter photo ID, or check if photo is taken.

Check if applicable:	☐ No vegetation in assessment area	☑ No hydrophytes in ass	sessment area				
	Odd		Photo				
Species	distribution?	Notes	ID				
Notes on hydrophytic vegetatio	n:						
and 3. Aquatic invert	ebrates						
2. How many aquatic	3. Is there evidence of aquatic stages	3. Is there evidence of aquatic stages of EPT (Ephemeroptera, Plecoptera					
invertebrates are	and Trichoptera)?						

2. How many aquatic invertebrates are quantified in a 15-minute search?					
Number of individuals quantified:	✓ None☐ 1 to 19☐ 20 +				
(Do not count mosquitos)					
Photo ID:					



Notes on aquatic invertebrates:

4. Algal Cover

Are algae found on the	☑ Not detected	Notes on algae cover:	Photo ID:
stream bed?	☐ Yes, < 10% cover		
☐ Check if <u>all</u> observed algae appear to be deposited from an upstream source.	☐ Yes, ≥ 10% (check Yes in single indicator below)		

5. Are single indicators observed?

Indicator	Present	Notes	Photo ID
Fish	□ Yes		
	☑ No, no fish		
	□ No, only non-native mosquitofish		
Algae cover ≥ 10%	□ Yes		
	☑ No		

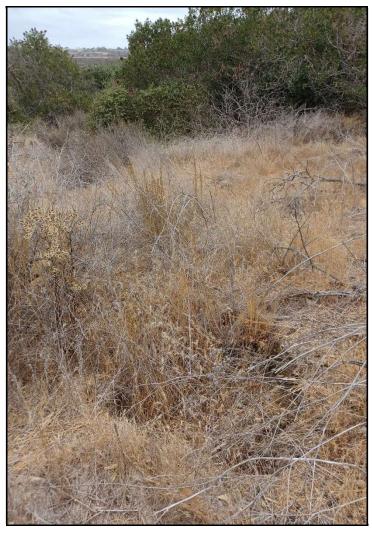
Supplemental info	rmation E.g., aqua	tic or semi-aquati	c amphibians, snake	s, or turtles; iron-c	oxidizing bacteria and
fungi: etc.					

Photo log

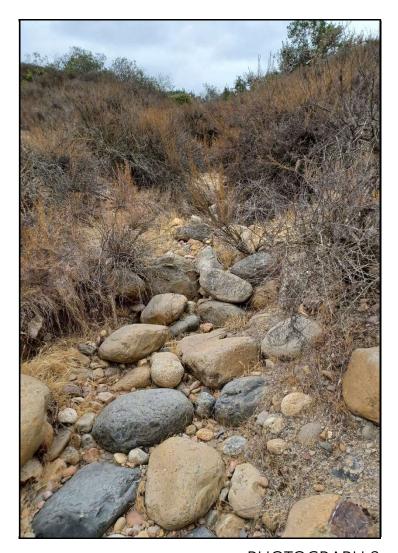
Indicate if any other photos taken during the assessment

Photo ID	Description
Photograph 1	Downstream View of Drainage D, Facing North
Photograph 2	Upstream View of Drainage D, Facing South

Classification:	Ephemeral				
1. Hydrophytic plant species	2. Aquatic invertebrates	3. EPT taxa	4. Algae	5. Single indicatorsfish presentalgae cover ≥ 10%	Classification
			Absent	Absent	Ephemeral
	None	Absent	Absent	Present	At least intermittent
	TVOIC	HOSCIL	Present	Absent	Need more information
			11050110	Present	At least intermittent
			Absent	Absent	Need more information
		Absent		Present	At least intermittent
	Few (1-19)		Present	Absent	Need more information
\				Present	At least intermittent
None		Present			At least intermittent
			A1	Absent	Need more information
			Absent	Present	At least intermittent
		Absent		Absent	Need more information
	Many (20+)		Present	Present	At least intermittent
		Present			At least intermittent
		Absent	Absent	Absent	Need more information
	None			Present	At least intermittent
			Present		At least intermittent
		Absent	Absent		Intermittent
	F (1.10)		Present		At least intermittent
Few (1-2)	Few (1-19)	Present			At least intermittent
		Absent	Absent		Intermittent
			Present		At least intermittent
	Many (20+)		Absent		At least intermittent
		Present	Present		Intermittent
			1150111	Absent	Need more information
	None	Absent	Absent	Present	At least intermittent
	None	Absent	D	Fresent	
			Present		At least intermittent
	Fav. (1. 10)	Absent			At least intermittent
Many (3+)	Few (1-19)	Present			Perennial
	M (22.)	Absent			At least intermittent
	Many (20+)	Present			Perennial



PHOTOGRAPH 1 Downstream View of Drainage D, Facing North



PHOTOGRAPH 2 Upstream View of Drainage D, Facing South



General site information

Project name or number: South	west Village 8868	3			
Site code or identifier: Drainage E	As	ssessor(s	s): Beth Prod	sal and Ger	ry Scheid
Waterway name: Drainage E	·				Visit date: 8/18/21
Current weather conditions (check □ Storm/heavy rain □ Steady rain □ Intermittent rain □ Snowing □ Cloudy (100% cover) □ Clear/Sunny	condition week): S	ns (e.g., j Bunny, c	•	in previous	Coordinates at downstream end (decimal degrees): Lat (N):32.55823 Long (W):-117.02444 Datum: NAD8
Surrounding land-use within 100 n ☐ Urban/industrial/residential ☐ Agricultural (farmland, crops, v ☐ Developed open-space (e.g., go ☐ Forested ☐ Other natural ☐ Other:	ineyards, pasture)	o):	Describe re	ach boundarie	es:
Mean channel width (m)	Reach length (m)				photo ID, or check if completed
2 m	40 m	X 200 III.		op down: Iid up:	
Disturbed or difficult conditions (c ☐ Recent flood or debris flow ☐ Stream modifications (e.g., char ☐ Diversions ☐ Discharges ☐ Drought ☐ Vegetation removal/limitations ☐ Other (explain in notes) ☑ None	11.):	Notes on di	sturbances or	difficult site conditions:
Observed hydrology:			Comments	on observed h	nydrology:
0 % of reach with surface flo	ow				
0 % of reach with sub-surface	ce or surface flow				
0 # of isolated pools					

1. Hydrophytic plant species

Record up to 5 hydrophytic plant species (FACW or OBL in the **Arid West** regional wetland plant list) within the assessment area: **within the channel or up to one half-channel width**. Explain in notes if species has an odd distribution (e.g., covers less than 2% of assessment area, long-lived species solely represented by seedlings, or long-lived species solely represented by specimens in decline), or if there is uncertainty about the identification. Enter photo ID, or check if photo is taken.

Check if applicable:	☐ No vegetation in assessment area		✓ No hydrophytes in assessme	ent area
Species		Odd distribution?	Notes	Photo ID
Notes on hydrophytic vegetat 3 isolated Bacsal + one iso Both species are FAC.		but less than 2%	of AA and only in one location each.	

2 and 3. Aquatic invertebrates

2 and 5. Aquatic invertebrates					
2. How many invertebrate quantified in search?	•	3. Is there evidence of aquatic stages of EPT (Ephemeroptera, Plecoptera and Trichoptera)? Yes / No			
Number of individuals quantified: (Do not count mosquitos)	✓ None☐ 1 to 19☐ 20 +				
Photo ID:		Ephemeroptera larva Image credit: Dieter Tracey	Plecoptera larva <u>Tracey Saxby</u>	Trichoptera larva <u>Tracey Saxby</u>	

Notes on aquatic invertebrates:

4. Algal Cover

Are algae found on the	☑ Not detected	Notes on algae cover:	Photo ID:
stream bed?	☐ Yes, < 10% cover		
☐ Check if <u>all</u> observed algae appear to be deposited from an upstream source.	☐ Yes, ≥ 10% (check Yes in single indicator below)		

5. Are single indicators observed?

Indicator	Present	Notes	Photo ID
Fish	□ Yes		
	☑ No, no fish		
	□ No, only non-native mosquitofish		
Algae cover ≥ 10%	□ Yes		
	☑ No		

Supplemental information E.	g., aquatic or semi-aquatic amphibians	, snakes, or turtles; iron-oxidizing b	oacteria and
fungi; etc.			

Photo log

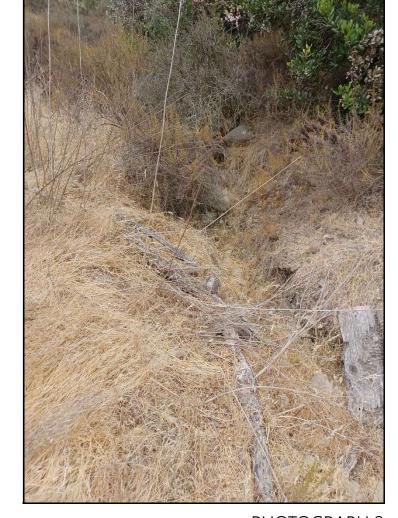
Indicate if any other photos taken during the assessment

Photo ID	Description
Photograph 1	Downstream View of Drainage E from the Center, Facing North
Photograph 2	Upstream View of Drainage E, Facing South

Classification:	Ephemeral				
1. Hydrophytic plant species	2. Aquatic invertebrates	3. EPT taxa	4. Algae	5. Single indicatorsfish presentalgae cover ≥ 10%	Classification
			Absent	Absent	Ephemeral
	None	Absent	Absent	Present	At least intermittent
	rone	riosent	Present	Absent	Need more information
				Present	At least intermittent
			Absent	Absent	Need more information
		Absent		Present	At least intermittent
	Few (1-19)		Present	Absent	Need more information
None		Present		Present	At least intermittent At least intermittent
				Absent	Need more information
			Absent	Present	At least intermittent
		Absent		Absent	Need more information
	Many (20+)		Present	Present	At least intermittent
		Present			At least intermittent
		Absent	Absent	Absent	Need more information
	None			Present	At least intermittent
			Present		At least intermittent
		Absent	Absent		Intermittent
			Present		At least intermittent
Few (1-2)	Few (1-19)	Present			At least intermittent
		Absent	Absent		Intermittent
			Present		At least intermittent
	Many (20+)		Absent		At least intermittent
		Present	Present		Intermittent
				Absent	Need more information
	None	Absent	Absent	Present	At least intermittent
			Present		At least intermittent
	Fav. (1, 10)	Absent			At least intermittent
Many (3+)	Few (1-19)	Present			Perennial
	Many (20+)	Absent			At least intermittent
	iviany (20+)	Present			Perennial



PHOTOGRAPH 1
Downstream View of Drainage E from the Center,
Facing North



PHOTOGRAPH 2 Upstream View of Drainage E, Facing South



General site information

Project name or number: Southwe	st Village 8868				
Site code or identifier: Assessor(s				rocsal and Ge	rry Scheid
Waterway name: Drainage F	·				Visit date: 8/20/21
Current weather conditions (check □ Storm/heavy rain □ Steady rain □ Intermittent rain □ Snowing □ Cloudy (90 % cover) □ Clear/Sunny	s (e.g., inny, d	ry	on in previous	Coordinates at downstream end (decimal degrees): Lat (N): 32.55934 Long (W):-117.01783 Datum: NAD83	
Surrounding land-use within 100 m (check one or two): □ Urban/industrial/residential □ Agricultural (farmland, crops, vineyards, pasture) □ Developed open-space (e.g., golf course) □ Forested □ Other natural □ Other:			Describe	reach boundari	es:
Mean channel width (m) 0.25 m	40x width; min 40 m; max 200 m. Top down: _		Enter j Top down: Mid up:		
Disturbed or difficult conditions (c ☐ Recent flood or debris flow ☐ Stream modifications (e.g., char ☐ Diversions ☐ Discharges ☐ Drought ☐ Vegetation removal/limitations ☐ Other (explain in notes) ☑ None	11.07	:	Notes on	disturbances or	difficult site conditions:
Observed hydrology:			Commen	its on observed l	hydrology:
% of reach with surface flow					
0 % of reach with sub-surface	ee or surface flow				
# of isolated pools					

1. Hydrophytic plant species

Record up to 5 hydrophytic plant species (FACW or OBL in the **Arid West** regional wetland plant list) within the assessment area: **within the channel or up to one half-channel width**. Explain in notes if species has an odd distribution (e.g., covers less than 2% of assessment area, long-lived species solely represented by seedlings, or long-lived species solely represented by specimens in decline), or if there is uncertainty about the identification. Enter photo ID, or check if photo is taken.

Check if applicable:	☐ No vegetation in assessment area		☑ No hydrophytes in assessment area	
Species		Odd distribution?	Notes	Photo ID
Notes on hydrophytic vegetati	ion:			

2 and 3. Aquatic invertebrates

		1				
2. How many	aquatic a	3. Is there evidence of aquatic stages of EPT (Ephemeroptera, Plecoptera				
invertebrates	are	and Trichoptera)?				
quantified in search?	a 15-minute	Yes No				
scarcii.			. 1			
Number of individuals	✓ None☐ 1 to 19	*				
quantified:	□ 20 +					
(Do not				46		
count				707		
mosquitos)				5285		
mosquitos)						
Photo ID:		Ephemeroptera larva	Plecoptera larva	Trichoptera larva		
	·	Image credit: <u>Dieter Tracey</u>	Tracey Saxby	<u>Tracey Saxby</u>		
3.7						

Notes on aquatic invertebrates:

4. Algal Cover

Are algae found on the	✓ Not detected	Notes on algae cover:	Photo ID:
stream bed?	☐ Yes, < 10% cover		
☐ Check if <u>all</u> observed algae appear to be deposited from an upstream source.	☐ Yes, ≥ 10% (check Yes in single indicator below)		

5. Are single indicators observed?

Indicator	Present	Notes	Photo ID
Fish	□ Yes		
	☑ No, no fish		
	□ No, only non-native mosquitofish		
Algae cover ≥ 10%	□ Yes		
	☑ No		

Supplemental information E.g., aquatic or semi-aquatic	ic amphibians, snakes, or turtles; iron-oxidizing bacter	ia and
fungi; etc.		

Photo log

Indicate if any other photos taken during the assessment

Photo ID	Description
Photograph 1	Downstream View of Drainage F, Facing Southeast

Classification:	Ephemeral				
1. Hydrophytic plant species	2. Aquatic invertebrates	3. EPT taxa	4. Algae	5. Single indicatorsfish presentalgae cover ≥ 10%	Classification
			Absent	Absent	Ephemeral
	None	Absent	Abscit	Present	At least intermittent
	rione	riosent	Present	Absent	Need more information
				Present	At least intermittent
			Absent	Absent	Need more information
		Absent		Present	At least intermittent
	Few (1-19)		Present	Absent	Need more information
None		Present		Present	At least intermittent At least intermittent
				Absent	Need more information
			Absent	Present	At least intermittent
		Absent		Absent	Need more information
	Many (20+)		Present	Present	At least intermittent
		Present		7.000.00	At least intermittent
	None	Absent	Absent	Absent	Need more information
				Present	At least intermittent
			Present		At least intermittent
		Absent	Absent		Intermittent
			Present		At least intermittent
Few (1-2)	Few (1-19)	Present			At least intermittent
			Absent		Intermittent
		Absent	Present		At least intermittent
	Many (20+)		Absent		At least intermittent
		Present	Present		Intermittent
				Absent	Need more information
	None	Absent	Absent	Present	At least intermittent
	1,0110	1 to some	Present	1100011	At least intermittent
Many (3+)	F (1.10)	Absent	Tresent		At least intermittent
	Few (1-19)	Present			Perennial
	Many (20+)	Absent			At least intermittent
	iviany (20+)	Present			Perennial



PHOTOGRAPH 1 Downstream View of Drainage F, Facing Southeast



General site information

Project name or number: Southwe	est Village 8868				
Site code or identifier: Drainage C	Asse	essor(s	s): Beth Pr	ocsal and Ger	ry Scheid
Waterway name: Drainage G					Visit date: 8/20/21
Current weather conditions (check ☐ Storm/heavy rain ☐ Steady rain ☐ Intermittent rain ☐ Snowing ☐ Cloudy (90 % cover) ☐ Clear/Sunny	conditions week): Sur	(e.g.,	precipitatio	on in previous	Coordinates at downstream end (decimal degrees): Lat (N):32.55983 Long (W): -117.01791 Datum: NAD83
Surrounding land-use within 100 m ☐ Urban/industrial/residential ☐ Agricultural (farmland, crops, v ☐ Developed open-space (e.g., go) ☐ Forested ☐ Other natural ☐ Other:	ineyards, pasture)	:	Describe	reach boundari	es:
Mean channel width (m) 1.0 m	Reach length (m): 40x width; min 40 m; max 20	00 m.		Enter Top down: Mid up:	
Disturbed or difficult conditions (c ☐ Recent flood or debris flow ☐ Stream modifications (e.g., char ☐ Diversions ☐ Discharges ☐ Drought ☐ Vegetation removal/limitations ☐ Other (explain in notes) ☑ None			Notes on	disturbances or	difficult site conditions:
Observed hydrology:			Comment	ts on observed l	hydrology:
0 % of reach with surface flo	OW				
0 % of reach with sub-surface	ce or surface flow				
# of isolated pools					

Record up to 5 hydrophytic plant species (FACW or OBL in the **Arid West** regional wetland plant list) within the assessment area: **within the channel or up to one half-channel width**. Explain in notes if species has an odd distribution (e.g., covers less than 2% of assessment area, long-lived species solely represented by seedlings, or long-lived species solely represented by specimens in decline), or if there is uncertainty about the identification. Enter photo ID, or check if photo is taken.

Check if applicable:	☐ No vegetation in assessn	ment area	☑ No hydrophytes in assessment area Phot	
Species	dis	stribution?	Notes	
Notes on hydrophytic vegetation	.:			
One isolated patch of Sallas	, but contributes less than	2% of AA. One isolated	patch of Bacsal.	
and 3. Aquatic inverte	brates			
2. How many aquatic	3. Is there evidence of	aquatic stages of EPT	(Ephemeroptera, Ple	ecoptera
invertebrates are quantified in a 15-minute	and Trichoptera)?	Yes / No	1	
search?		1 63 / [140]		
	**	100		
. r 1 0 - N				
	4			
individuals □ 1 to 19				
individuals				
individuals □ 1 to 19 quantified: □ 20 + (Do not				>
individuals □ 1 to 19				
individuals quantified: 1 to 19 quantified: 20 + (Do not count mosquitos)				
individuals	Ephemeroptera larva Image credit: Dieter Tracey	Plecoptera larva Tracey Saxby	Trichoptera la Tracey Saxl	

Are algae found on the	☑ Not detected	Notes on algae cover:	Photo ID:
stream bed?	☐ Yes, < 10% cover		
☐ Check if <u>all</u> observed algae appear to be deposited from an upstream source.	☐ Yes, ≥ 10% (check Yes in single indicator below)		

Indicator	Present	Notes	Photo ID
Fish	□ Yes		
	☑ No, no fish		
	□ No, only non-native mosquitofish		
Algae cover ≥ 10%	□ Yes		
	☑ No		

Supplemental information E.g., aquatic or semi-aquatic amphibians, snakes, or turtles; iron-oxidizing bacteria and fungi; etc.

Photo log

Indicate if any other photos taken during the assessment

Photo ID	Description
Photograph 1	Upstream View of Drainage G from the Center, Facing North
Photograph 2	Downstream View of Drainage G, Facing South

At least intermittent

At least intermittent

Classification:	Ephemeral				
1. Hydrophytic plant species	2. Aquatic invertebrates	3. EPT taxa	4. Algae	5. Single indicatorsfish presentalgae cover ≥ 10%	Classification
			Absent	Absent	Ephemeral
	None	Absent	Rosent	Present	At least intermittent
	voile	tosent	Present	Absent	Need more information
			Tresent	Present	At least intermittent
			Absent	Absent	Need more information
		Absent	11050111	Present	At least intermittent
	Few (1-19)	7 tosent	Present	Absent	Need more information
	rew (1-19)		Tresent	Present	At least intermittent
None	Present			At least intermittent	
		Absent	A 1 4	Absent	Need more information
			Absent	Present	At least intermittent
	Mana (201)		Present	Absent	Need more information
	Many (20+)		Present	Present	At least intermittent
		Present			At least intermittent
			Absent	Absent	Need more information
	None	Absent		Present	At least intermittent
			Present		At least intermittent
		A 1	Absent		Intermittent
	Fav. (1, 10)	Absent	Present		At least intermittent
Few (1-2)	Few (1-19)	Present			At least intermittent
		A 1	Absent		Intermittent
		Absent			

		Present	Present		Intermittent
			A 1 4	Absent	Need more information
	None	Absent	Absent	Present	At least intermittent
			Present	Absent Need more information Present At least intermittent	
Fav. (1-10)	Absent			At least intermittent	
Many (3+)	Few (1-19)	Present			Perennial
	M (201)	Absent			At least intermittent
	Many (20+)	Present			Perennial

Present

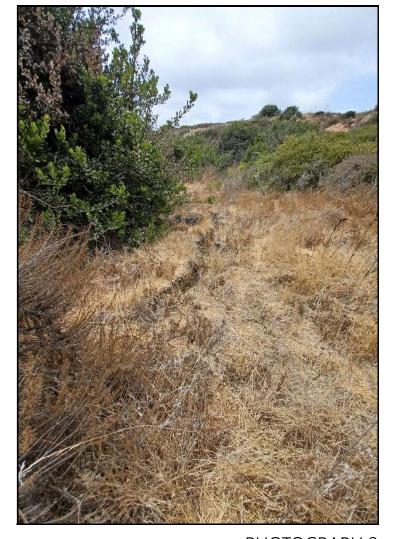
Absent

Absent

Many (20+)



PHOTOGRAPH 1 Upstream View of Drainage G from the Center, Facing North



PHOTOGRAPH 2 Downstream View of Drainage G, Facing South



General site information

Project name or number: Southwe	est Village 8868		
Site code or identifier: Drainage	H(b) Assessor	(s): Beth Procsal and Ge	rry Scheid
Waterway name: Drainage H(B)			Visit date: 8/20/21
Current weather conditions (check □ Storm/heavy rain □ Steady rain □ Intermittent rain □ Snowing □ Cloudy (85 % cover) □ Clear/Sunny		nt or recent weather , precipitation in previous dry	Coordinates at downstream end (decimal degrees): Lat (N): 32.55379 Long (W):-117.01286 Datum: NAD83
Surrounding land-use within 100 m Urban/industrial/residential Agricultural (farmland, crops, v Developed open-space (e.g., go) Forested Other natural Other:	ineyards, pasture)	Describe reach boundari	es:
Mean channel width (m) 0.5 m	Reach length (m): 40x width; min 40 m; max 200 m.	Enter Top down: Mid up:	
Disturbed or difficult conditions (c ☐ Recent flood or debris flow ☐ Stream modifications (e.g., char ☐ Diversions ☐ Discharges ☐ Drought ☐ Vegetation removal/limitations ☐ Other (explain in notes) ☑ None	11.	Notes on disturbances or	r difficult site conditions:
Observed hydrology:		Comments on observed	hydrology:
0 % of reach with surface flo			
0 % of reach with sub-surface 0 # of isolated pools	ce or surface flow		
0 # of isolated pools			

Record up to 5 hydrophytic plant species (FACW or OBL in the **Arid West** regional wetland plant list) within the assessment area: **within the channel or up to one half-channel width**. Explain in notes if species has an odd distribution (e.g., covers less than 2% of assessment area, long-lived species solely represented by seedlings, or long-lived species solely represented by specimens in decline), or if there is uncertainty about the identification. Enter photo ID, or check if photo is taken.

Check if applicable:	☐ No vegetation in assessment area		☑ No hydrophytes in ass	sessment area
Species		Odd distribution?	Notes	Photo ID
Notes on hydrophytic vegeta	tion:			

2 and 3. Aquatic invertebrates

2 and 5. Aquatic invertebrates					
2. How many aquatic invertebrates are quantified in a 15-minute search?	3. Is there evidence of aquatic stages of EPT (Ephemeroptera, Plecoptera and Trichoptera)? Yes No				
Number of □ None individuals □ 1 to 19 quantified: □ 20 + (Do not count mosquitos)					
Photo ID:	Ephemeroptera larva	Plecoptera larva	Trichoptera larva		
	Image credit: <u>Dieter Tracey</u>	Tracey Saxby	<u>Tracey Saxby</u>		

Notes on aquatic invertebrates:

4. Algal Cover

Are algae found on the	✓ Not detected	Notes on algae cover:	Photo ID:
stream bed?	☐ Yes, < 10% cover		
☐ Check if <u>all</u> observed algae appear to be deposited from an upstream source.	☐ Yes, ≥ 10% (check Yes in single indicator below)		

Indicator	Present	Notes	Photo ID
Fish	□ Yes		
	☑ No, no fish		
	□ No, only non-native mosquitofish		
Algae cover ≥ 10%	□ Yes		
	☑ No		

Supplemental information E.g., aquatic or semi-aquatic	ic amphibians, snakes, or turtles; iron-oxidizing bacter	ia and
fungi; etc.		

Photo log

Indicate if any other photos taken during the assessment

Photo ID	Description
Photograph 1	Downstream View of Drainage H(b), Facing South

Classification:	Ephemeral				
1. Hydrophytic plant species	2. Aquatic invertebrates	3. EPT taxa	4. Algae	5. Single indicatorsfish presentalgae cover ≥ 10%	Classification
			Absent	Absent	Ephemeral
	None	Absent	Abscitt	Present	At least intermittent
	None	rioscit	Present	Absent	Need more information
				Present	At least intermittent
			Absent	Absent	Need more information
		Absent		Present	At least intermittent
	Few (1-19)		Present	Absent	Need more information
None		Present		Present	At least intermittent At least intermittent
				Absent	Need more information
			Absent	Present	At least intermittent
		Absent		Absent	Need more information
	Many (20+)		Present	Present	At least intermittent
		Present		Tresent	At least intermittent
	None	Absent	Absent	Absent	Need more information
				Present	At least intermittent
			Present	1100000	At least intermittent
	Few (1-19)	Absent	Absent		Intermittent
			Present		At least intermittent
Few (1-2)		Present	Teschi		At least intermittent
		Absent	Absent		Intermittent
			Present		At least intermittent
	Many (20+)	Present	Absent		At least intermittent
			Present		Intermittent
			Ticselle	Absent	Need more information
	None	Absent	Absent	Present	At least intermittent
	None	AUSCIII	Present	1 ICSCIII	At least intermittent
		Absent	1 TESCIII		At least intermittent At least intermittent
Many (3+)	Few (1-19)	Present			Perennial
	Many (201)	Absent			At least intermittent
	Many (20+)	Present			Perennial



PHOTOGRAPH 1 Downstream View of Drainage H(b), Facing South



General site information

Project name or number: Southwe	est Village 8868		
Site code or identifier: Drainage	H Assessor(s	s): Beth Procsal and Ger	ry Scheid
Waterway name: Drainage H	·		Visit date: 8/20/21
Current weather conditions (check □ Storm/heavy rain □ Steady rain □ Intermittent rain □ Snowing □ Cloudy (10 % cover) □ Clear/Sunny		t or recent weather precipitation in previous dry	Coordinates at downstream end (decimal degrees): Lat (N):32.55371 Long (W):-117.01221 Datum:NAD83
Surrounding land-use within 100 m ☐ Urban/industrial/residential ☐ Agricultural (farmland, crops, v ☐ Developed open-space (e.g., go) ☐ Forested ☑ Other natural ☐ Other:	ineyards, pasture)	Describe reach boundarie	es:
Mean channel width (m) 2 m	Reach length (m): 40x width; min 40 m; max 200 m.	Enter Top down: Mid up:	
Disturbed or difficult conditions (c ☐ Recent flood or debris flow ☐ Stream modifications (e.g., char ☐ Diversions ☐ Discharges ☐ Drought ☐ Vegetation removal/limitations ☐ Other (explain in notes) ☐ None	11 1	Notes on disturbances or	difficult site conditions:
Observed hydrology:		Comments on observed 1	nydrology:
% of reach with surface flo			
0 % of reach with sub-surfac	ee or surface flow		
0 # of isolated pools			

Record up to 5 hydrophytic plant species (FACW or OBL in the **Arid West** regional wetland plant list) within the assessment area: **within the channel or up to one half-channel width**. Explain in notes if species has an odd distribution (e.g., covers less than 2% of assessment area, long-lived species solely represented by seedlings, or long-lived species solely represented by specimens in decline), or if there is uncertainty about the identification. Enter photo ID, or check if photo is taken.

Check if applicable:	☐ No vegetation in assessment area		No hydro	☑ No hydrophytes in assessment are	
Species		Odd distribution?	No	otes	Photo ID
Notes on hydrophytic vegetati	ion:				

2 and 3. Aquatic invertebrates

2 and 3. Aquatic invertebrates						
2. How many aquatic invertebrates are quantified in a 15-minute search?	3. Is there evidence of aq and Trichoptera)?	uatic stages of EPT (I	Ephemeroptera, Plecoptera			
Number of						
Photo ID:	Ephemeroptera larva	Plecoptera larva	Trichoptera larva			
	Image credit: <u>Dieter Tracey</u>	Tracey Saxby	<u>Tracey Saxby</u>			

Notes on aquatic invertebrates:

4. Algal Cover

Are algae found on the	✓ Not detected	Notes on algae cover:	Photo ID:
stream bed?	☐ Yes, < 10% cover		
☐ Check if <u>all</u> observed algae appear to be deposited from an upstream source.	☐ Yes, ≥ 10% (check Yes in single indicator below)		

Indicator	Present	Notes	Photo ID
Fish	□ Yes		
	☑ No, no fish		
	☐ No, only non-native mosquitofish		
Algae cover ≥ 10%	□ Yes		
	☑ No		

Supplemental information E.g., aquatic or semi-aquatic amphibians, snakes, or turtles; iron-oxidizing bacteria and fungi; etc.

Photo log

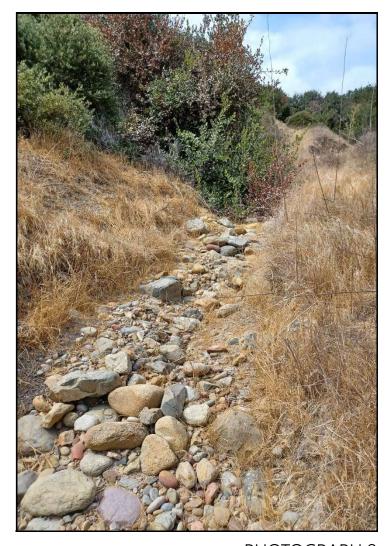
Indicate if any other photos taken during the assessment

Photo ID	Description
Photograph 1	Downstream View of Drainage H from the Center, Facing East
Photograph 2	Upstream View of Drainage H, Facing Southwest

Classification	Ephemeral				
1. Hydrophytic plant species	2. Aquatic invertebrates	3. EPT taxa	4. Algae	5. Single indicatorsfish presentalgae cover ≥ 10%	Classification
			Absent	Absent	Ephemeral
	None	Absent	roscit	Present	At least intermittent
		1000000	Present	Absent	Need more information
				Present	At least intermittent
			Absent	Absent	Need more information
		Absent		Present	At least intermittent
	Few (1-19)		Present	Absent	Need more information
Mana				Present	At least intermittent
None		Present			At least intermittent
			Absent	Absent	Need more information
		Absent	7 to sent	Present	At least intermittent
	Mana (201)	Ausent	Present	Absent	Need more information
	Many (20+)		Present	Present	At least intermittent
		Present			At least intermittent
	None	Absent	Absent	Absent	Need more information
				Present	At least intermittent
			Present		At least intermittent
		Absent	Absent		Intermittent
			Present		At least intermittent
Few (1-2)	Few (1-19)	Present			At least intermittent
			Absent		Intermittent
		Absent	Present		At least intermittent
	Many (20+)	Present	Absent		At least intermittent
			Present		Intermittent
				Absent	Need more information
	None	Absent	Absent	Present	At least intermittent
			Present		At least intermittent
		Absent			At least intermittent
	Few (1-19)	Present			Perennial
		Absent			At least intermittent
		Present			Perennial



PHOTOGRAPH 1
Downstream View of Drainage H from the Center,
Facing East

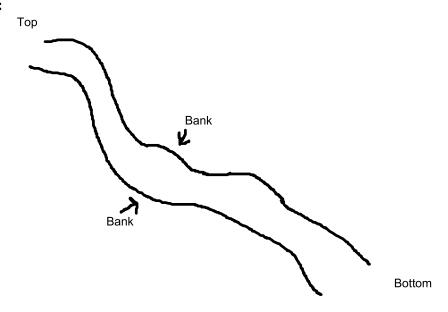


PHOTOGRAPH 2 Upstream View of Drainage H, Facing Southwest



General site information

Project name or number: Southwe	est Village 8868			
Site code or identifier: Drainage K Assessor(s): Beth Procsal and Gerry Scheid				
Waterway name: Drainage K			Visit date: 8/18/21	
Current weather conditions (check □ Storm/heavy rain □ Steady rain □ Intermittent rain □ Snowing □ Cloudy (100 % cover) □ Clear/Sunny		t or recent weather precipitation in previous dry	Coordinates at downstream end (decimal degrees): Lat (N): 32.55418 Long (W):-117.02678 Datum: NAD83	
Surrounding land-use within 100 n ☐ Urban/industrial/residential ☐ Agricultural (farmland, crops, v ☐ Developed open-space (e.g., go) ☐ Forested ☐ Other natural ☐ Other:	ineyards, pasture)	Describe reach boundarie	es:	
Mean channel width (m) 1.0 m	Reach length (m): 40 x width; min 40 m; max 200 m. 40 m	Enter Top down: Mid up:	photo ID, or check if completed Mid down: Bottom up:	
Disturbed or difficult conditions (c ☐ Recent flood or debris flow ☐ Stream modifications (e.g., chan ☐ Diversions ☐ Discharges ☐ Drought ☐ Vegetation removal/limitations ☐ Other (explain in notes) ☑ None	***	Notes on disturbances or	difficult site conditions:	
Observed hydrology: O % of reach with surface flo		Comments on observed I No water or flows of		
0 % of reach with sub-surface 0 # of isolated pools	ce or surface flow			



Record up to 5 hydrophytic plant species (FACW or OBL in the **Arid West** regional wetland plant list) within the assessment area: **within the channel or up to one half-channel width**. Explain in notes if species has an odd distribution (e.g., covers less than 2% of assessment area, long-lived species solely represented by seedlings, or long-lived species solely represented by specimens in decline), or if there is uncertainty about the identification. Enter photo ID, or check if photo is taken.

Check if applicable:	□ No vegetation in assessment area	☑ No hydrophytes in assess	ment area
Species	Odd distribution?	Notes	Photo ID
Notes on hydrophytic vegetation	c.		

2 and 3. Aquatic invertebrates

Z and J. Aq	2 and 3. Aquatic invertebrates						
2. How many invertebrate quantified in search?	•	3. Is there evidence of aq and Trichoptera)?	uatic stages of EPT (I	Ephemeroptera, Plecoptera			
Number of individuals quantified: (Do not count mosquitos)	✓ None☐ 1 to 19☐ 20 +						
Photo ID:		Ephemeroptera larva Image credit: Dieter Tracey	Plecoptera larva <u>Tracey Saxby</u>	Trichoptera larva <u>Tracey Saxby</u>			

Notes on aquatic invertebrates:

4. Algal Cover

Are algae found on the	✓ Not detected	Notes on algae cover:	Photo ID:
stream bed?	☐ Yes, < 10% cover		
☐ Check if <u>all</u> observed algae appear to be deposited from an upstream source.	☐ Yes, ≥ 10% (check Yes in single indicator below)		

Indicator	Present	Notes	Photo ID
Fish	□ Yes		
	☑ No, no fish		
	□ No, only non-native mosquitofish		
Algae cover ≥ 10%	□ Yes		
	☑ No		

Supplemental information E.g., aquatic or semi-aquatic amphibians, snakes, or turtles; iron-oxidizing bacteria and fungi; etc.

Photo log

Indicate if any other photos taken during the assessment

Photo ID	Description
Photograph 1	Downstream View of Drainage K, Facing South
Photograph 2	Upstream View of Drainage K, Facing Southeast

Classification:	Ephemeral				
1. Hydrophytic plant species	2. Aquatic invertebrates	3. EPT taxa	4. Algae	5. Single indicatorsfish presentalgae cover ≥ 10%	Classification
			Absent	Absent	Ephemeral
	None	Absent	Absent	Present	At least intermittent
	None	Absent	Present	Absent	Need more information
			Tresent	Present	At least intermittent
			Absent	Absent	Need more information
		Absent		Present	At least intermittent
	Few (1-19)		Present	Absent	Need more information
	10 (1 15)			Present	At least intermittent
None		Present			At least intermittent
			41	Absent	Need more information
			Absent	Present	At least intermittent
		Absent		Absent	Need more information
	Many (20+)		Present	Present	At least intermittent
		Present			At least intermittent
	None	Absent	Absent	Absent	Need more information
				Present	At least intermittent
			Present		At least intermittent
			Absent		Intermittent
		Absent	Present		At least intermittent
Few (1-2)	Few (1-19)	Present			At least intermittent
			Absent		Intermittent
		Absent	Present		At least intermittent
	Many (20+)		Absent		At least intermittent
		Present	Present		Intermittent
			1 1 5 5 cmt	Absent	Need more information
	None	Absent	Absent		At least intermittent
	None	Absent	Dunn	Present	
			Present		At least intermittent
	Few (1-19)	Absent			At least intermittent
Many (3+)	rew (1-19)	Present			Perennial
	Many (201)	Absent			At least intermittent
	Many (20+)	Present			Perennial



PHOTOGRAPH 1 Downstream View of Drainage K, Facing South



PHOTOGRAPH 2 Upstream View of Drainage K, Facing Southeast



General site information

Project name or number: Southwe	est Village 8868	8			
Site code or identifier: Drainage N	Л		s): Beth Pr	ocsal and Ger	ry Scheid
Waterway name: Drainage M					Visit date: 8/18/21
Current weather conditions (check □ Storm/heavy rain □ Steady rain □ Intermittent rain □ Snowing □ Cloudy (100% cover) □ Clear/Sunny	condit week)	:	precipitati	on in previous	Coordinates at downstream end (decimal degrees): Lat (N): 32.54963 Long (W): -117.02183 Datum: NAD83
Surrounding land-use within 100 m (check one or two): ☐ Urban/industrial/residential ☐ Agricultural (farmland, crops, vineyards, pasture) ☐ Developed open-space (e.g., golf course) ☐ Forested ☐ Other natural ☐ Other:			Describe	reach boundari	es:
Mean channel width (m) 1.5 m	Reach length (40x width; min 40 m; 200 m		lop down: Mid down:		Mid down:
Disturbed or difficult conditions (c □ Recent flood or debris flow □ Stream modifications (e.g., char □ Diversions □ Discharges □ Drought □ Vegetation removal/limitations □ Other (explain in notes) □ None		ply):	Notes on	disturbances or	difficult site conditions:
Observed hydrology:			Commen	ts on observed l	nydrology:
0 % of reach with surface flo					
0 % of reach with sub-surface 0 # of isolated pools	ce or surface flow	W			
# of isolated pools					

Record up to 5 hydrophytic plant species (FACW or OBL in the **Arid West** regional wetland plant list) within the assessment area: **within the channel or up to one half-channel width**. Explain in notes if species has an odd distribution (e.g., covers less than 2% of assessment area, long-lived species solely represented by seedlings, or long-lived species solely represented by specimens in decline), or if there is uncertainty about the identification. Enter photo ID, or check if photo is taken.

Check if applicable:	☐ No vegetation in assessment area		✓ No hydrophytes in assessm	ent area
		Odd	N Y	Photo
Species		distribution?	Notes	ID
Notes on hydrophytic vegetat	ion:			-

2 and 3. Aquatic invertebrates

Z and J. Aq	and 3. Aquatic invertebrates						
2. How many invertebrate quantified in search?	•	3. Is there evidence of aq and Trichoptera)?	uatic stages of EPT (I	Ephemeroptera, Plecoptera			
Number of individuals quantified: (Do not count mosquitos)	✓ None☐ 1 to 19☐ 20 +	*					
Photo ID:		Ephemeroptera larva Image credit: Dieter Tracey	Plecoptera larva Tracey Saxby	Trichoptera larva <u>Tracey Saxby</u>			

Notes on aquatic invertebrates:

4. Algal Cover

Are algae found on the	☑ Not detected	Notes on algae cover:	Photo ID:
stream bed?	☐ Yes, < 10% cover		
☐ Check if <u>all</u> observed algae appear to be deposited from an upstream source.	☐ Yes, ≥ 10% (check Yes in single indicator below)		
nom an apsardam source.			

Indicator	Present	Notes	Photo ID
Fish	□ Yes		
	☑ No, no fish		
	□ No, only non-native mosquitofish		
Algae cover ≥ 10%	□ Yes		
	☑ No		

Supplemental information	E.g., aquatic	or semi-aquatic	amphibians,	snakes,	or turtles; iro	n-oxidizing	bacteria and
fungi; etc.							

N	lon	Δn	۵۵	d	مم	ı
ıv	יווכוו	- 11	-	()(

Photo log

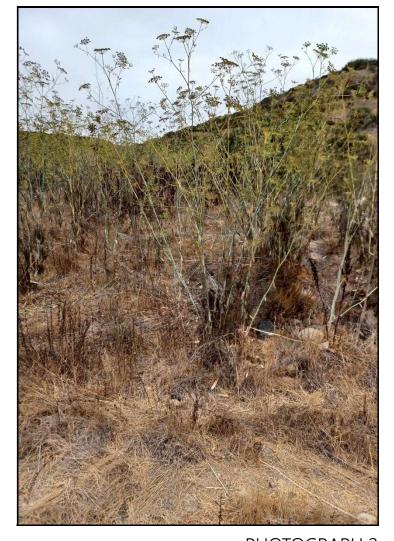
Indicate if any other photos taken during the assessment

Photo ID	Description
Photograph 1	Downstream View of Drainage M from the Center, Facing Southwest
Photograph 2	Upstream View of Drainage M, Facing Northeast

Classification:	Ephemeral				
1. Hydrophytic plant species	2. Aquatic invertebrates	3. EPT taxa	4. Algae	5. Single indicatorsfish presentalgae cover ≥ 10%	Classification
			Absent	Absent	Ephemeral
	None	Absent	Auscit	Present	At least intermittent
			Present	Absent	Need more information
				Present	At least intermittent
			Absent	Absent	Need more information
		Absent		Present	At least intermittent
	Few (1-19)		Present	Absent	Need more information
None		Present		Present	At least intermittent At least intermittent
				Absent	Need more information
			Absent	Present	At least intermittent
		Absent		Absent	Need more information
	Many (20+)		Present	Present	At least intermittent
				FIESCIII	At least intermittent
		Present			At least intermittent
	None	Absent	Absent	Absent	Need more information
				Present	At least intermittent
			Present		At least intermittent
		Absent	Absent		Intermittent
	F (1.10)		Present		At least intermittent
Few (1 - 2)	Few (1-19)	Present			At least intermittent
			Absent		Intermittent
		Absent	Present		At least intermittent
	Many (20+)	Present	Absent		At least intermittent
			Present		Intermittent
				Absent	Need more information
	None	Absent	Absent	Present	At least intermittent
	1,0110	1 LUSCIII	Present	1 1 COOM	At least intermittent
		Absent	Tresent		At least intermittent
Many (3+)	Few (1-19)	Present			Perennial
	Many (201)	Absent			At least intermittent
	Many (20+)	Present			Perennial



PHOTOGRAPH 1
Downstream View of Drainage M from the Center,
Facing Southwest



PHOTOGRAPH 2 Upstream View of Drainage M, Facing Northeast



General site information

Project name or number: Southwe	est Village 8868		
Site code or identifier: Drainage (r(s): Beth Procsal and Ge	rry Scheid
Waterway name: Drainage O	,		Visit date: 8/20/21
Current weather conditions (check □ Storm/heavy rain □ Steady rain □ Intermittent rain □ Snowing □ Cloudy (100 % cover) □ Clear/Sunny	conditions (e.g week): Sunny	nt or recent weather ., precipitation in previous , dry	Coordinates at downstream end (decimal degrees): Lat (N):32.55789 Long (W):-117.03581 Datum:NAD83
Surrounding land-use within 100 n ☐ Urban/industrial/residential ☐ Agricultural (farmland, crops, v ☐ Developed open-space (e.g., go ☐ Forested ☐ Other natural ☐ Other:	ineyards, pasture)	Describe reach boundari	es:
Mean channel width (m) 2 m	Reach length (m): 40x width; min 40 m; max 200 m.	Enter Top down: Mid up:	
Disturbed or difficult conditions (c ☐ Recent flood or debris flow ☐ Stream modifications (e.g., char ☐ Diversions ☐ Discharges ☐ Drought ☐ Vegetation removal/limitations ☐ Other (explain in notes) ☑ None	• • • •	Notes on disturbances or	r difficult site conditions:
Observed hydrology:		Comments on observed	hydrology:
% of reach with surface flo			
0 % of reach with sub-surface	ce or surface flow		
0 # of isolated pools			

☑ No, no fish

☐ Yes☑ No

Algae cover ≥ 10%

□ No, only non-native mosquitofish

Record up to 5 hydrophytic plant species (FACW or OBL in the **Arid West** regional wetland plant list) within the assessment area: **within the channel or up to one half-channel width**. Explain in notes if species has an odd distribution (e.g., covers less than 2% of assessment area, long-lived species solely represented by seedlings, or long-lived species solely represented by specimens in decline), or if there is uncertainty about the identification. Enter photo ID, or check if photo is taken.

specimens in decline), or if there	is uncertainty about the id	dentification. Enter	photo ID, or check	t if photo is taken.	
Check if applicable:	☐ No vegetation in ass		□ No hydr	ophytes in assessi	
Species		Odd distribution?	N	lotes	Photo ID
Species		uistribution:	N	lotes	ID
Notes on hydrophytic vegetatio	n·				
One lone Salgoo but less that		patches of Bacsa	al throughout.		
one lene daigee suches the	270 0170 ti. Odditorod	paterior of Bassa	ar tinoagnoat.		
2 and 2 Aquatia invant	abratas				
2 and 3. Aquatic inverton 2. How many aquatic	3. Is there evidence	a of aquatic stag	es of FDT (Enha	marantara Plac	ontara
invertebrates are	and Trichoptera)?		es of E1 1 (Epite	meropiera, riec	ориста
quantified in a 15-minute			Yes/No		
search?			10		
Number of ✓ None	/A ,	1			
individuals \Box 1 to 19					
quantified: \Box 20 +				A FEBRUAR	Tona .
-				63/	
(Do not count		T T			-
mosquitos)					787
mosquitos)	~ \	/			
Photo ID:	Ephemeroptera larv			Trichoptera larv	
Notes on aquatic invertebrates:	Image credit: Dieter T	racey Tracey	Saxby	Tracey Saxby	
notes of aquatic invertebrates.					
4. Algal Cover					DI + ID
Are algae found on the stream bed?	✓ Not detected✓ Yes, < 10% cover	Notes on algae co	over:		Photo ID:
	\square Yes, $\geq 10\%$ (check				
☐ Check if <u>all</u> observed	Yes in single				
algae appear to be deposited from an upstream source.	indicator below)				
•					
5. Are single indicators	observed?				
Indicator	Present	Notes			Photo ID
Fish □ Ves					

Supplemental information E.g., aquatic or semi-aquatic amphibians, snakes, or turtles; iron-oxidizing bacteria and fungi; etc.

Photo log

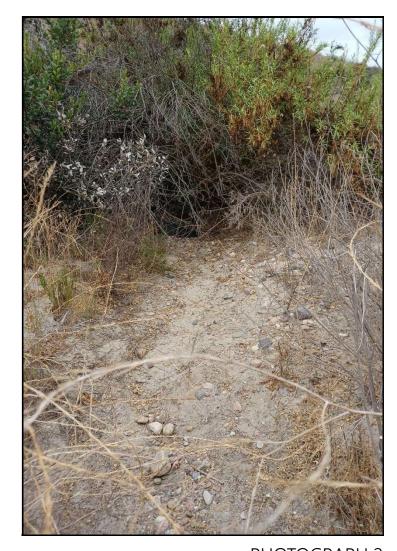
Indicate if any other photos taken during the assessment

Photo ID	Description
Photograph 1	Upstream View of Drainage O, Facing East
Photograph 2	Downstream View of Drainage O, Facing West

Classification:	Ephemeral				
1. Hydrophytic plant species	2. Aquatic invertebrates	3. EPT taxa	4. Algae	5. Single indicatorsfish presentalgae cover ≥ 10%	Classification
			Absent	Absent	Ephemeral
	None	Absent	Absent	Present	At least intermittent
	rone		Present	Absent	Need more information
				Present	At least intermittent
			Absent	Absent	Need more information
		Absent		Present	At least intermittent
Few (1-19)	Few (1-19)		Present	Absent	Need more information
		Present		Present	At least intermittent At least intermittent
				Absent	Need more information
		4.1	Absent	Present	At least intermittent
		Absent	_	Absent	Need more information
	Many (20+)		Present	Present	At least intermittent
		Present			At least intermittent
	None	Absent	Absent	Absent	Need more information
				Present	At least intermittent
			Present		At least intermittent
		Absent	Absent		Intermittent
			Present		At least intermittent
Few (1-2)	Few (1-19)	Present			At least intermittent
			Absent		Intermittent
		Absent	Present		At least intermittent
	Many (20+)	Present	Absent		At least intermittent
			Present		Intermittent
			113011	Absent	Need more information
	None	Absent	Absent	Present	At least intermittent
	None	Ausent	Present	1 ICSCIII	At least intermittent At least intermittent
		Absent	Trescrit		At least intermittent
Many (3+)	Few (1-19)	Present			Perennial
	Many (201)	Absent			At least intermittent
	Many (20+)	Present			Perennial



PHOTOGRAPH 1 Upstream View of Drainage O, Facing East



PHOTOGRAPH 2 Downstream View of Drainage O, Facing West



General site information

Project name or number: Southwe	est Village 8868			
Site code or identifier: Drainage F	Assess	or(s): Beth Proc	sal and Ge	rry Scheid
Waterway name: Drainage P				Visit date: 8/20/21
Current weather conditions (check □ Storm/heavy rain □ Steady rain □ Intermittent rain □ Snowing □ Cloudy (100 % cover) □ Clear/Sunny		ent or recent wea g., precipitation i y, dry		Coordinates at downstream end (decimal degrees): Lat (N):32.55858 Long (W):-117.02915 Datum:NAD83
Surrounding land-use within 100 n Urban/industrial/residential Agricultural (farmland, crops, v Developed open-space (e.g., go Forested Other natural Other:	ineyards, pasture)	Describe rea	ich boundario	es:
Mean channel width (m) 1.0 m	Reach length (m): 40x width; min 40 m; max 200 n	10	Enter pop down: id up:	
Disturbed or difficult conditions (c ☐ Recent flood or debris flow ☐ Stream modifications (e.g., char ☐ Diversions ☐ Discharges ☐ Drought ☐ Vegetation removal/limitations ☐ Other (explain in notes) ☑ None	11.07	Notes on dis	sturbances or	difficult site conditions:
Observed hydrology:		Comments o	on observed h	nydrology:
0 % of reach with surface flo				
0 % of reach with sub-surface	ce or surface flow			
0 # of isolated pools				

Record up to 5 hydrophytic plant species (FACW or OBL in the **Arid West** regional wetland plant list) within the assessment area: **within the channel or up to one half-channel width**. Explain in notes if species has an odd distribution (e.g., covers less than 2% of assessment area, long-lived species solely represented by seedlings, or long-lived species solely represented by specimens in decline), or if there is uncertainty about the identification. Enter photo ID, or check if photo is taken.

Check if applicable:	☐ No vegetation in assessm	nent area	☑ No hydrophytes in assessment area		
Species	dis	Odd stribution?	Notes	Photo ID	
Notes on hydrophytic vegeta	ation:				
2 and 3. Aquatic inve	rtebrates				

2. How many aquatic invertebrates are quantified in a 15-minute		3. Is there evidence of aq and Trichoptera)?	uatic stages of EPT (F	Ephemeroptera, Plecoptera
search?	i a 13 minute		103/110	
Number of individuals quantified:	✓ None☐ 1 to 19☐ 20 +	*		
(Do not count mosquitos)				AC.
Photo ID:		Ephemeroptera larva Image credit: Dieter Tracey	Plecoptera larva Tracey Saxby	Trichoptera larva Tracey Saxby

Notes on aquatic invertebrates:

4. Algal Cover

Are algae found on the	☑ Not detected	Notes on algae cover:	Photo ID:
stream bed?	☐ Yes, < 10% cover		
☐ Check if <u>all</u> observed algae appear to be deposited from an upstream source.	☐ Yes, ≥ 10% (check Yes in single indicator below)		

Indicator	Present	Notes	Photo ID
Fish	□ Yes		
	☑ No, no fish		
	□ No, only non-native mosquitofish		
Algae cover ≥ 10%	□ Yes		
	☑ No		

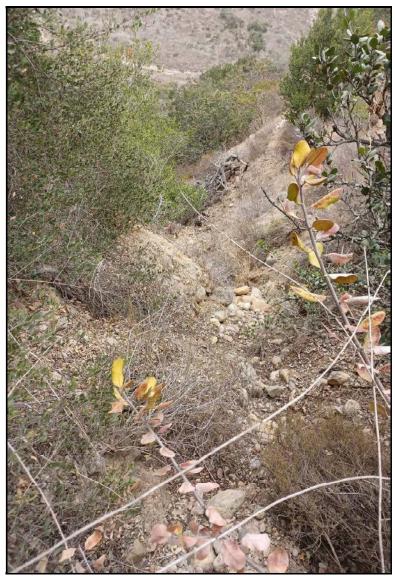
Supplemental information E.g., aquatic or semi-aquatic	ic amphibians, snakes, or turtles; iron-oxidizing bacter	ia and
fungi; etc.		

Photo log

Indicate if any other photos taken during the assessment

Photo ID	Description							
Photograph 1	Downstream View of Drainage P, Facing North							

Classification:	Ephemeral				
1. Hydrophytic plant species	2. Aquatic invertebrates	3. EPT taxa	4. Algae	5. Single indicatorsfish presentalgae cover ≥ 10%	Classification
	None	Absent	Absent	Absent	Ephemeral
			Ausch	Present	At least intermittent
			Present	Absent	Need more information
				Present	At least intermittent
	Few (1-19)	Absent	Absent	Absent	Need more information
				Present	At least intermittent
				Absent	Need more information
None				Present	At least intermittent
None		Present			At least intermittent
				Absent	Need more information
		Absent	Absent	Present	At least intermittent
				Absent	Need more information
	Many (20+)		Present	Present	At least intermittent
		Present			At least intermittent
	None	Absent		Absent	Need more information
			Absent	Present	At least intermittent
			Present		At least intermittent
	Few (1-19)	Absent	Absent		Intermittent
			Present		At least intermittent
Few (1-2)		Present	1700000		At least intermittent
	Many (20+)	Absent	Absent		Intermittent
			Present		At least intermittent
		Present	Absent		At least intermittent
			Present		Intermittent
	None	Absent	Absent	Absent	Need more information
				Present	At least intermittent
				1 1 COCIII	At least intermittent
	Few (1-19)	Absent	Tresent		At least intermittent
Many (3+)		Present			Perennial
	Many (20+)	Absent			At least intermittent
		Present			Perennial



PHOTOGRAPH 1 Downstream View of Drainage P, Facing North



General site information

Project name or number: Southwest Village 8868									
Site code or identifier: Drainage (Assessor(s	s): Beth Procsal and Gerry Scheid							
Waterway name: Drainage Q					Visit date: 8/20/21				
Current weather conditions (check □ Storm/heavy rain □ Steady rain □ Intermittent rain □ Snowing □ Cloudy (100% cover) □ Clear/Sunny	condit		,	n previous	Coordinates at downstream end (decimal degrees): Lat (N):32.55876 Long (W):-117.02799 Datum: NAD83				
Surrounding land-use within 100 n Urban/industrial/residential Agricultural (farmland, crops, v Developed open-space (e.g., go Forested Other natural Other:	ineyards, pastur		Describe read	ch boundario	es:				
Mean channel width (m) 1.0 m	Mean channel width (m) Reach length (m):			p down:	Enter photo ID, or check if completed down: Mid down: Bottom up:				
Disturbed or difficult conditions (check all that apply): ☐ Recent flood or debris flow ☐ Stream modifications (e.g., channelization) ☐ Diversions ☐ Discharges ☐ Drought ☐ Vegetation removal/limitations ☐ Other (explain in notes) ☐ None									
Observed hydrology:		Comments on observed hydrology:							
0 % of reach with surface flow									
% of reach with sub-surface or surface flow									
0 # of isolated pools									

1. Hydrophytic plant species

Record up to 5 hydrophytic plant species (FACW or OBL in the **Arid West** regional wetland plant list) within the assessment area: **within the channel or up to one half-channel width**. Explain in notes if species has an odd distribution (e.g., covers less than 2% of assessment area, long-lived species solely represented by seedlings, or long-lived species solely represented by specimens in decline), or if there is uncertainty about the identification. Enter photo ID, or check if photo is taken.

Check if applicable:	☐ No vegetation in assessment area		☑ No hydrophytes in assessment are		
Species		Odd distribution?	Notes	Photo ID	
Notes on hydrophytic vegetati	ion:				

2 and 3. Aquatic invertebrates

2. How many aquatic invertebrates are quantified in a 15-minut search?	and Trichoptera)?	3. Is there evidence of aquatic stages of EPT (Ephemeroptera, Plecoptera and Trichoptera)? Yes No		
Number of individuals quantified: □ 1 to 19 quantified: □ 20 + (Do not count mosquitos)				
Photo ID:	Ephemeroptera larva Image credit: <u>Dieter Tracey</u>	Plecoptera larva <u>Tracey Saxby</u>	Trichoptera larva <u>Tracey Saxby</u>	

Notes on aquatic invertebrates:

4. Algal Cover

Are algae found on the	✓ Not detected	Notes on algae cover:	Photo ID:
stream bed?	☐ Yes, < 10% cover		
☐ Check if <u>all</u> observed algae appear to be deposited from an upstream source.	☐ Yes, ≥ 10% (check Yes in single indicator below)		

5. Are single indicators observed?

Indicator	Present	Notes	Photo ID
Fish	□ Yes		
	☑ No, no fish		
	☐ No, only non-native mosquitofish		
Algae cover ≥ 10%	□ Yes		
	☑ No		

Supplemental information	E.g., aquatic or semi-aquation	amphibians, snakes,	or turtles; iron-oxidizing	bacteria and
fungi; etc.				

Photo log

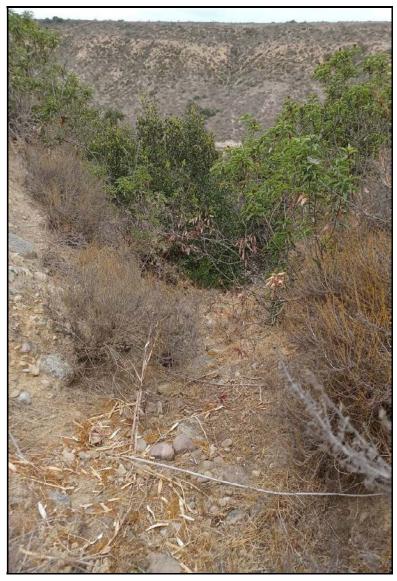
Indicate if any other photos taken during the assessment

Photo ID	Description
Photograph 1	Downstream View of Drainage Q, Facing North

Additional notes about the assessment:

Classification:	Ephemeral				
1. Hydrophytic plant species	2. Aquatic invertebrates	3. EPT taxa	4. Algae	5. Single indicatorsfish presentalgae cover ≥ 10%	Classification
			Absent	Absent	Ephemeral
	None	Absent	Abscit	Present	At least intermittent
	None	Absent	Present	Absent	Need more information
			1 Tesent	Present	At least intermittent
			Absent	Absent	Need more information
		Absent	7 10 50111	Present	At least intermittent
	Fav. (1, 10)	7 tosent	Present	Absent	Need more information
	Few (1-19)		Tresent	Present	At least intermittent
None		Present			At least intermittent
				Absent	Need more information
			Absent	Present	At least intermittent
		Absent		Absent	Need more information
	Many (20+)		Present	Present	At least intermittent
		Present			At least intermittent
			Absent	Absent	Need more information
	None	Absent		Present	At least intermittent
			Present		At least intermittent
		Absent	Absent		Intermittent
			Present		At least intermittent
Few (1-2)	Few (1-19)	Present			At least intermittent
		Absent	Absent		Intermittent
			Present		At least intermittent
	Many (20+)		Absent		At least intermittent
		Present	Present		Intermittent
				Absent	Need more information
	None	Absent	Absent	Present	At least intermittent
	1,0110	1 10 30III	Present	1 1 COCIII	At least intermittent
			Trosciit		A TOUST III III III III
	Fav. (1, 10)	Absent			At least intermittent
Many (3+)	Few (1-19)	Present			Perennial
	Many (20+)	Absent			At least intermittent
	Many (20+)	Present			Perennial

Shading provided to enhance readability by increasing the contrast between neighboring cells; empty cells indicate the classification will not change with additional information however it is recommended that all five indicators be measured and recorded during every assessment.



PHOTOGRAPH 1 Downstream View of Drainage Q, Facing North



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Wildlife Species Observed

Attachment 6 Wildlife Species Observed					
Scientific Name	Common Name	Occupied Habitat	On-Site Abundance/ Seasonality	Evidence of Occurrence	
Scientific Name	Common Name	Оссиріей навітат	(Birds Only)	Occurrence	
INVERTEBRATES (Nomenclature for fa History Museum 2002)	airy shrimp from Eriksen and Belk 1999; for spide	ers and insects from Evans 2008; for	butterflies from San Dieg	o Natural	
BRANCHINECTIDAE	FAIRY SHRIMP				
Branchinecta sandiegonensis	San Diego fairy shrimp	VP		0	
STREPTOCEPHALIDAE	FAIRY SHRIMP				
Streptocephalus woottoni	Riverside fairy shrimp	VP		0	
APIDAE	HONEY BEES, BUMBLE BEES, AND ALLIES				
Apis mellifera	honey bee (I)	MSS		0	
Bombus crotchii	Crotch's bumble bee	MSS, DMSS		0	
FORMICIDAE	Ants				
Pogonomyrmex californicus	California harvester ant	CSS		0	
POMPILIDAE	SPIDER WASPS				
Pepsis species	tarantula hawk	MSS		0	
THERAPHOSIDAE	TARANTULAS				
Aphonopelma eutylenum	California Ebony tarantula	NNG		0	
HESPERIIDAE	SKIPPERS				
Erynnis funeralis	funereal duskywing	CSS, DL		0	
PAPILIONIDAE	Parnassians & Swallowtails				
Papilio zelicaon	anise swallowtail	MSS, NNG		0	
Pieridae	WHITES & SULPHURS				
Anthocharis cethura	desert [=Felder's] orangetip	MSS, DMSS, NNG		0	
Anthocharis sara sara	Pacific Sara orangetip	MSS. DMSS, CSS, NNG		0	
Colias eurytheme	orange [=alfalfa] sulphur	MSS, NNG, DL		0	
Pieris rapae	cabbage white (I)	MSS, CSS, NNG, DL		0	
Pontia protodice	checkered [=common] white	CSS, NNG		0	
LYCAENIDAE	BLUES, COPPERS, & HAIRSTREAKS				
Brephidium exile	western pygmy-blue	CSS, NNG, DL		0	

	Attachment Wildlife Species O			
Scientific Name	Common Name	Occupied Habitat	On-Site Abundance/ Seasonality (Birds Only)	Evidence of Occurrence
Icaricia acmon acmon	Acmon blue	CSS, NNG		0
Leptotes marina	marine blue	CSS, DCSS, NNG		0
RIODINIDAE	METALMARKS			
Apodemia mormo virgulti	Behr's metalmark	CSS, MSS, NNG		0
Nymphalidae	Brush-footed Butterflies			
Coenonympha california california	common California ringlet	MSS		0
Euphydryas editha quino	Quino checkerspot	NNG		0
Junonia coenia grisea	common buckeye	MSS, DMSS, NNG		0
Nymphalis antiopa	mourning cloak	MSS, NNG		0
Vanessa annabella	west coast lady	MSS, NNG, DL		0
Vanessa cardui	painted lady	MSS, NNG		0
Sphingidae	HAWK MOTHS AND SPHINX MOTHS			
Hyles lineata	white-lined sphinx moth	CSS, MSS, DMSS		0
AMPHIBIANS (Nomenclature from Croth	ner et al. 2017)			
BUFONIDAE	TRUE TOADS			
Anaxyrus boreas halophilus	southern California toad	WET		0
HYLIDAE	TREE FROGS			
Pseudacris hypochondriaca	Baja California treefrog	WET		0
PELOBATIDAE	SPADEFOOT TOADS			
Spea hammondii	western spadefoot	WET		0
REPTILES (Nomenclature from Crother 2	2008)			
Phrynosomatidae	SPINY LIZARDS			
Phrynosoma blainvillii [= P. coronatum coastal population]	coast horned lizard	DCSS		0
Sceloporus occidentalis	western fence lizard	CSS, DCSS, DL		0
Sceloporus orcutti	granite spiny lizard	CSS, NNG		0
Uta stansburiana	common side-blotched lizard	CSS, NNG		0

	Attachment Wildlife Species Ol			
Scientific Name	Common Name	Occupied Habitat	On-Site Abundance/ Seasonality (Birds Only)	Evidence of Occurrence
TEIIDAE	WHIPTAIL LIZARDS	·		
Aspidoscelis hyperythra	orange-throated whiptail	MSS		0
ANGUIDAE	ALLIGATOR LIZARDS			
Elgaria multicarinata webbii	San Diego alligator lizard	MSS		0
COLUBRIDAE	COLUBRID SNAKES			
Pituophis catenifer catenifer	Pacific gopher snake	MSS		0
Coluber lateralis lateralis	California striped racer	CSS		0
Hypsiglena ochrorhyncha nuchalata	California nightsnake	MSS		0
Lampropeltis getula californiae	California kingsnake	MSS		0
Pituophis catenifer annectens	San Diego gopher snake	CSS		0
Thamnophis hammondii	two-striped gartersnake	VP		0
CROTALIDAE	RATTLESNAKES			
Crotalus ruber	red diamond rattlesnake	CSS		0
Crotalus oreganus helleri	southern Pacific rattlesnake	MSS		0
BIRDS (Nomenclature from Chesser et a	I. 2021)			
ODONTOPHORIDAE	New World Quail			
Callipepla californica californica	California quail	MSS	C / Y	O, V
CATHARTIDAE	New World Vultures			
Cathartes aura	turkey vulture	MSS, DMSS	C / M, S	0
ACCIPITRIDAE	Hawks, Kites, & Eagles			
Accipiter cooperii	Cooper's hawk	CSS, MSS	C/Y	O, V
Aquila chrysaetos	golden eagle	DL	U/S	0
Buteo jamaicensis	red-tailed hawk	CSS, MSS	C/Y	O, V
Circus hudsonius	northern harrier	CSS, NNG	C/Y	0
Elanus leucurus	white-tailed kite	CSS, NNG	C/Y	0
Haliaeetus leucocephalus	bald eagle	DL	U/W	0

Attachment 6 Wildlife Species Observed					
Scientific Name	Common Name	Occupied Habitat	On-Site Abundance/ Seasonality (Birds Only)	Evidence of Occurrence	
FALCONIDAE	FALCONS & CARACARAS				
Falco columbarius	merlin	NNG	U/W	0	
Falco sparverius sparverius	American kestrel	CSS, NNG	C/Y	O, V	
CHARADRIIDAE	LAPWINGS & PLOVERS				
Charadrius vociferus vociferus	killdeer	DCSS, NNG, DL	F/Y	O, V	
LARIDAE	GULLS, TERNS, & SKIMMERS				
Larus occidentalis wymani	western gull	NNG	F/Y	0	
COLUMBIDAE	Pigeons & Doves				
Streptopelia decaocto	Eurasian collared-dove (I)	NNG	C / Y	O, V	
Zenaida macroura marginella	mourning dove	CSS, MSS, DMSS, NNG	C/Y	O, V	
CUCULIDAE	CUCKOOS & ROADRUNNERS				
Geococcyx californianus	greater roadrunner	MSS, CSS	C / Y	0	
Strigidae	TYPICAL OWLS				
Athene cunicularia	western burrowing owl	CSS	U / Y, W	0	
CAPRIMULGIDAE	GOATSUCKERS				
Chordeiles acutipennis texensis	lesser nighthawk	CSS	U/S	0	
APODIDAE	SWIFTS				
Aeronautes saxatalis	white-throated swift	NNG	C/Y	O, V	
Trochilidae	HUMMINGBIRDS				
Calypte anna	Anna's hummingbird	CSS, MSS, NNG, DL	C/Y	O, V	
Calypte costae	Costa's hummingbird	MSS, NNG	C/S	O, V	
Selasphorus sasin	Allen's hummingbird	MSS, CSS	U/M	O, V	
PICIDAE	WOODPECKERS & SAPSUCKERS				
Colaptes auratus	northern flicker	CSS	C/Y	O, V	
Dryobates [=Picoides] nuttallii	Nuttall's woodpecker	CSS	C/Y	O, V	
Tyrannidae	TYRANT FLYCATCHERS				
Empidonax difficilis	Pacific-slope flycatcher	MSS	C/S	O, V	

	Attachment 6			
Scientific Name	Wildlife Species Obs	Occupied Habitat	On-Site Abundance/ Seasonality (Birds Only)	Evidence of Occurrence
Myiarchus cinerascens cinerascens	ash-throated flycatcher	MSS, DMSS	F / S	Occurrence
Sayornis nigricans semiatra	black phoebe	CSS, DL	C / Y	0
Sayornis saya	Say's phoebe	CSS	C/W	0
Tyrannus verticalis	western kingbird	MSS	U/S	0
Tyrannus vociferans vociferans	Cassin's kingbird	MSS, NNG	C/Y	0
VIREONIDAE	Vireos			
Vireo bellii pusillus	least Bell's vireo	MFS	F/S	V
Vireo gilvus swainsonii	warbling vireo	MFS	F/S	0
CORVIDAE	CROWS, JAYS, & MAGPIES			
Aphelocoma californica	California scrub-jay		C/Y	
Corvus brachyrhynchos hesperis	American crow	CSS, DCSS	C / Y	O, V
Corvus corax clarionensis	common raven	CSS, MSS	C/Y	O, V
ALAUDIDAE	LARKS			
Eremophila alpestris actia	California horned lark	DCSS, NNG	C/Y	O, V
HIRUNDINIDAE	Swallows			
Petrochelidon pyrrhonota tachina	cliff swallow	NNG	C/S	O, V
Stelgidopteryx serripennis	northern rough-winged swallow	NNG	C/S	O, V
AEGITHALIDAE	Bushtit			
Psaltriparus minimus melanurus	bushtit	CSS, MSS	C/Y	O, V
TROGLODYTIDAE	Wrens			
Salpinctes obsoletus obsoletus	rock wren	NNG, DL	C/Y	O, V
Thryomanes bewickii	Bewick's wren	CSS, MSS, NNG	C/Y	O, V
Troglodytes aedon parkmanii	house wren	CSS, MSS, NNG	C/Y	O, V
SYLVIIDAE	GNATCATCHERS			
Polioptila caerulea	blue-gray gnatcatcher	CSS, MSS	C/Y	O, V
Polioptila californica californica	coastal California gnatcatcher	CSS, MSS	C/Y	O, V
TIMALIIDAE	BABBLERS			
Chamaea fasciata henshawi	wrentit	CSS, MSS, DMSS	C/Y	O, V

	Attachment 6 Wildlife Species Observ	ved			
Scientific Name	Common Name	Occupied Habitat	On-Site Abundance/ Seasonality (Birds Only)	Evidence of Occurrence	
MIMIDAE	MOCKINGBIRDS & THRASHERS				
Mimus polyglottos polyglottos	northern mockingbird	CSS, DCSS, MSS, NNG	C/Y	O, V	
Toxostoma redivivum redivivum	California thrasher	MSS	C/Y	O, V	
Sturnidae	Starlings & Mynas				
Sturnus vulgaris	European starling (I)	NNG	C/Y	O, V	
BOMBYCILLIDAE	WAXWINGS				
Bombycilla cedrorum	cedar waxwing	CSS	U/W	0	
PARULIDAE	WOOD WARBLERS				
Cardellina [=Wilsonia] pusilla	Wilson's warbler	CSS, MFS	F/M	0	
Geothlypis trichas	common yellowthroat	CSS	F/Y	O, V	
Icteria virens	yellow-breasted chat	CSS	F/Y	V	
Mniotilta varia	black-and-white warbler	CSS, MFS	U/W	0	
Oreothlypis [=Vermivora] celata	orange-crowned warbler	CSS, MSS, NNG	F/Y	0	
Setophaga [=Dendroica] coronata	yellow-rumped warbler	MFS	U/W	O, V	
Setophaga [=Dendroica] nigrescens	black-throated gray warbler	CSS	U/M	0	
Setophaga [=Dendroica] occidentalis	hermit warbler	CSS, MFS	U/M	0	
Setophaga [=Dendroica] petechia	yellow warbler	MFS	F/S	V	
EMBERIZIDAE	EMBERIZIDS				
Aimophila ruficeps canescens	southern California rufous-crowned sparrow	CSS, NNG	C/Y	0	
Ammodramus savannarum	grasshopper sparrow	CSS	F/Y	V	
Melospiza melodia	song sparrow	CSS, MSS	C/Y	0	
Melozone [=Pipilo] crissalis	California towhee	CSS, NNG	C/Y	0	
Passerculus sandwichensis nevadensis	western savannah sparrow	CSS, DCSS, MSS	C/Y	0	
Pipilo maculatus	spotted towhee	NNG	C/Y	O, V	
Zonotrichia leucophrys	white-crowned sparrow	CSS, NNG	C/W		
CARDINALIDAE	CARDINALS & GROSBEAKS				
Cardinalis cardinalis	northern cardinal	DL	U/V	0	
Passerina caerulea salicaria	blue grosbeak	MFS	F/S	0	
Passerina amoena	lazuli bunting	CSS, MSS	U/M	0	

	Attachment (Wildlife Species Ob			
Scientific Name	Common Name	Occupied Habitat	On-Site Abundance/ Seasonality (Birds Only)	Evidence of Occurrence
ICTERIDAE	BLACKBIRDS & NEW WORLD ORIOLES			
Agelaius phoeniceus	red-winged blackbird	MSS	C/Y	O, V
Icterus cucullatus nelsoni	hooded oriole	NNG	C/S	V
Molothrus ater	brown-headed cowbird	NNG	C/Y	V
Sturnella neglecta	western meadowlark	CSS, NNG	C/Y	O, V
Fringillidae	FINCHES			
Haemorhous [=Carpodacus] mexicanus frontalis	house finch	MSS, NNG	C/Y	O, V
Spinus [=Carduelis] psaltria hesperophilus	lesser goldfinch	NNG, DL	C/Y	O, V
MAMMALS (Nomenclature from Bradley et	al. (2014)		,	
SORICIDAE	SHREWS			
Soricidae sp.	shrew	MSS		Т
LEPORIDAE	RABBITS & HARES			
Lepus californicus bennettii	San Diego black-tailed jackrabbit	NNG, CSS		0
Sylvilagus bachmani	brush rabbit	MSS		0
Sylvilagus audubonii	desert cottontail	CSS, MSS, NNG, DL		0
SCIURIDAE	SQUIRRELS & CHIPMUNKS			
Spermophilus beecheyi	California ground squirrel	CSS, DCSS, MSS, NNG		0
GEOMYIDAE	POCKET GOPHERS			
Thomomys bottae	Botta's pocket gopher	NNG		0
HETEROMYIDAE	POCKET MICE & KANGAROO RATS			
Chaetodipus sp.	pocket mouse	MSS		Т
Dipodomys simulans	Dulzura kangaroo rat	NNG		Т
Muridae	MICE & RATS			
Microtus californicus	California vole	MFS		Т
Peromyscus maniculatus	deer mouse	CSS, DCSS, MSS, NNG		T
Reithrodontomys megalotis	western harvest mouse	MFS		Т
Neotoma lepida intermedia	San Diego desert woodrat	NNG, CSS		O, M

	Attachment 6 Wildlife Species Observed									
On-Site Abundance/										
			Seasonality	Evidence of						
Scientific Name	Common Name	Occupied Habitat	(Birds Only)	Occurrence						
Neotoma bryanto	Bryant's (San Diego) woodrat	NNG		Т						
Neotoma macrotis	big-eared woodrat	MFS		S, T						
CANIDAE	CANIDS									
Canis familiaris	domestic dog (I)	NNG		T, S						
Canis latrans	coyote	MFS, CSS		O, S						
Urocyon cinereoargenteus	common gray fox	MSS		S, T						
Procyonidae	Procyonids									
Procyon lotor	northern raccoon	CSS		0						
MUSTELIDAE	Weasels, Otters, & Badgers									
Mustela frenata	long-tailed weasel	MSS		Т						
MEPHITIDAE	Skunks									
Mephitis mephitis	striped skunk	MSS		Т						
FELIDAE	CATS			_						
Lynx rufus	bobcat	DL, NNG, MFS		S, T						

	Attachment 6								
	Wildlife Species Observed								
(I) = Introduced species HABITATS CSS = Diegan coastal sage scrub DCSS = disturbed Diegan coastal sage scrub	ABUNDANCE (birds only; based on Garrett and Dunn 1981) C = Common to abundant; almost always encountered in proper habitat, usually in moderate to large numbers F = Fairly common; usually encountered in proper habitat, generally not in large numbers U = Uncommon; occurs in small numbers or only locally								
DEV = urban/developed DL = disturbed land DMSS = disturbed maritime succulent scrub MFS = mule fat scrub MSS = maritime succulent scrub NNG = non-native grassland SWS = southern willow scrub VP = vernal pools WET = wetlands	SEASONALITY (birds only) A = Accidental; species not known to occur under normal conditions; may be an off-course migrant M = Migrant; uses site for brief periods of time, primarily during spring and fall months S = Spring/summer resident; probable breeder on-site or in vicinity T = Transient; uses site regularly but unlikely to breed on-site V = Rare vagrant W = Winter visitor; does not breed locally Y = Year-round resident; probable breeder on-site or in vicinity								
EVIDENCE OF OCCURRENCE									
M = Midden									
O = Observed									
S = Scat									
T = Track									
V = Vocalization									



Sensitive Plant Species Observed or with the Potential to Occur within the Program-level and Project-level Analysis Areas

Sansitiv	va Dlant Species	Observed o	or with the Pote	Attachment 7 Intial for Occurrence within the Program-leve	and Project-l	evel Analysis Ares	or.
Species' <i>Scientific Name</i> Common Name	State/ Federal Status	CNPS Rank	City of San Diego	Habitat/Preference/ Requirements/ Blooming Period	Detected On-Site?	Potential to Occur On-Site?	Determination of Occurrence Potential
				BRYOPHYTES			
SPHAEROCARPACEAE							
Geothallus tuberosus Campbell's liverwort	-/-	1B.1	_	Ephemeral liverwort; mesic coastal sage scrub, vernal pools; elevation below 2,000 feet. California endemic. Known from San Diego and Riverside counties. Recently reported from Camp Pendleton, likely extirpated elsewhere in urbanized San Diego County.	No	Low	This species was not observed during focused rare plant surveys. Although natural vernal pool habitat was observed within the project parcels, many of the vernal pools undergo frequent disturbance thereby making the potential for this species to occur on-site as low.
Sphaerocarpos drewei bottle liverwort	_/-	1B.1	_	Ephemeral liverwort; openings in chaparral and coastal sage scrub; elevation 300–2,000 feet. California endemic. Known from San Diego and Riverside counties.	No	Low	This species was not observed during focused rare plant surveys. The site contains very few suitably mesic areas which are preferred by this species. Any potentially suitable locales appear to be disturbed by vehicular traffic and/or invaded by non-native plant species, thereby making the potential for this species to occur on-site as low.
		1		LYCOPODS			
SELAGINELLACEAE SPIKE-MOSS FAMILY							
Selaginella cinerascens ashy spike-moss	-/-	4.1	_	Perennial rhizomatous herb; chaparral, coastal scrub; elevation 65–2,100 feet.	Yes	Observed	This species was observed on undisturbed mesa tops within maritime succulent scrub habitat, scattered throughout the project-level areas, including the vernal pool restoration area.

Sansitiv	ve Plant Species	Observed o	or with the Pote	Attachment 7 ential for Occurrence within the Program-leve	and Project-l	ovel Analysis Are	as
Sensitiv	State/	Observed (or with the rote	ridal for Occurrence within the Hogiam-leve	and Project-I	Potential to	
Species' Scientific Name	Federal	CNPS	City of San	Habitat/Preference/ Requirements/	Detected	Occur	Determination of Occurrence
Common Name	Status	Rank	Diego	Blooming Period	On-Site?	On-Site?	Potential
		-	- 9-	ANGIOSPERMS: DICOTS			
CHENOPODIACEAE GOOSEFOOT FAMILY							
Aphanisma blitoides aphanisma	-/-	1B.2	NE, MSCP	Annual herb; coastal bluff scrub, coastal sage scrub; sandy soils; blooms March–June; elevation less than 1,000 feet.	No	Low	Surveys were conducted during times when this species would have been apparent, if present, and results were negative. However, due to the presence of coastal sage scrub on-site, there is a low potential for the species to occur.
Atriplex pacifica south coast saltscale	-/-	1B.2	-	Annual herb; coastal bluff scrub, coastal dunes, coastal sage scrub, playas; blooms March–October; elevation less than 500 feet.	Yes	Observed	This species was observed within the disturbed areas of the Beyer Boulevard alignment and on mesa top of the southwestern edge of the project-level analysis area within disturbed maritime succulent scrub and nonnative grassland habitat.
	GLORY FAMILY	1	1			T	
Dichondra occidentalis western dichondra	-/-	4.2	_	Perennial herb; chaparral, cismontane woodland, coastal sage scrub, where it often grows hidden beneath shrubs; blooms January-July; elevation less than 1,640 feet.	Yes	High	This species was observed within the maritime succulent scrub within Phase 1b within the Beyer Boulevard alignment.

Sensiti	ve Plant Species	Observed o	or with the Pote	Attachment 7 ntial for Occurrence within the Program-leve	el and Project-le	evel Analysis Area	ns
Species' <i>Scientific Name</i> Common Name	State/ Federal Status	CNPS Rank	City of San Diego	Habitat/Preference/ Requirements/ Blooming Period	Detected On-Site?	Potential to Occur On-Site?	Determination of Occurrence Potential
APIACEAE CARROT FAMILY Eryngium aristulatum var. parishii San Diego button-celery	CE/FE	1B.1	NE, MSCP	Biennial/perennial herb; vernal pools, mesic areas of coastal sage scrub and grasslands, blooms April–June; elevation less than 2,000 feet. Known from San Diego and Riverside counties. Additional populations occur in Baja California, Mexico.	Yes	Observed	This species was observed within one vernal pool on the mesa top within Phase 1b (see Figure 26.3) and within the non-native grassland, outside of a vernal pool, within the southern vernal pool restoration area. This species is also documented in the program-level area through Vernal Pool Habitat Conservation Plan (VPHCP) during City of San Diego mapping efforts.
ASTERACEAE SUNFLOWE Ambrosia chenopodiifolia San Diego bur-sage	R FAMILY -/-	2B.1	_	Perennial shrub; coastal sage scrub; cobbly loam soils; blooms April–June; elevation 150–500 feet. Known in California from fewer than 15 occurrences all of which are in San Diego County. Additional populations in Baja California, Mexico.	Yes	Observed	This species was observed throughout the project-level analysis area within maritime succulent scrub and Diegan coastal sage scrub habitats, as well as within disturbed areas such as roads and trails on site.

Sansitiv	Attachment 7 Sensitive Plant Species Observed or with the Potential for Occurrence within the Program-level and Project-level Analysis Areas								
Sensitiv	State/	Observed C	n with the Fote	ential for Occurrence within the Program-leve	and Project-N	Potential to			
Species' <i>Scientific Name</i> Common Name	Federal Status	CNPS Rank	City of San Diego	Habitat/Preference/ Requirements/ Blooming Period	Detected On-Site?	Occur On-Site?	Determination of Occurrence Potential		
Ambrosia pumila San Diego ambrosia	-/FE	1B.1	NE, MSCP	Perennial herb (rhizomatous); chaparral, coastal sage scrub, valley and foothill grasslands, creek beds, vernal pools, often in disturbed areas; blooms May—September; elevation less than 1,400 feet. Many occurrences extirpated in San Diego County. Potential habitat in San Diego County is along creek beds, seasonally dry drainages, and floodplains along the edge of willow woodland, in riverwash or sandy alluvial soils from the San Luis Rey River south to the Sweetwater River (Beauchamp 1986).	No	Low	No individuals were observed within the project-level analysis survey area during the rare plant surveys. However, there is a low potential to occur within the survey area due to the presence of coastal sage scrub, non-native grassland, and vernal pools on-site.		
Baccharis vanessae Encinitas baccharis [=Encinitas coyote brush]	CE/FT	1B.1	NE, MSCP	Perennial deciduous shrub; chaparral; maritime; sandstone; blooms August– November; elevation less than 2,500 feet. San Diego County endemic. Known from fewer than 20 occurrences. Extirpated from Encinitas area.	No	Low	This species is not expected to occur as the project-level analysis area is out of the species' known range, and no individuals were observed within the survey area during rare plant and other field surveys.		
Bahiopsis [=Viguiera] laciniata San Diego viguiera [=San Diego County viguiera]	-/-	4.3	-	Perennial shrub; chaparral, coastal sage scrub; blooms February–June; elevation less than 2,500 feet.	Yes	Observed	This species was observed in Phase 1a and 1b, 2a and 2b. Individuals occur both scattered and in groups within maritime succulent scrub and Diegan coastal sage scrub habitats.		

Sensitiv	e Plant Spe <u>cies</u>	Observe <u>d c</u>	or with the Pote	Attachment 7 ntial for Occurrence within the Program-leve	el and Proje <u>ct-l</u> e	evel Analysis <u>Area</u>	ns
Species' <i>Scientific Name</i> Common Name	State/ Federal Status	CNPS Rank	City of San Diego	Habitat/Preference/ Requirements/ Blooming Period	Detected On-Site?	Potential to Occur On-Site?	Determination of Occurrence Potential
Deinandra [=Hemizonia] conjugens Otay tarplant	CE/FT	1B.1	NE, MSCP	Annual herb; clayey soils of coastal scrub openings, valley and foothill grassland; blooms April–June, elevation less than 1,000 feet.	Yes	Observed	This species was observed within the maritime succulent scrub and Diegan coastal sage scrub within the Beyer Boulevard alignment Additionally, this species has been known to occur within a 1-mile buffer of the survey area (CDFW 2019a).
Holocarpha virgata ssp. elongata graceful tarplant	-/-	4.2	_	Annual herb; coastal sage scrub, cismontane woodland, valley and foothill grasslands, chaparral; blooms July–November; elevation 200–3,600 feet. California endemic. Known from San Diego, Riverside, and Orange counties.	No	Moderate	This species was not observed, but has a moderate potential to occur within the survey area due to the presence of coastal sage scrub and non-native grassland on-site.
Isocoma menziesii var. decumbens decumbent goldenbush	-/-	1B.2	-	Perennial shrub; chaparral, coastal sage scrub; sandy soils, often in disturbed areas; blooms April–November; elevation less than 500 feet.	Yes	Observed	This species was observed within Phase 1a. Two individuals were noted within the Diegan coastal sage scrub habitat.
Microseris douglasii ssp. platycarpha small-flowered microseris	-/-	4.2	-	Annual herb; Clay lenses on perennial grasslands, vernal pools, openings in coastal sage scrub; blooms March–May; elevation 50–3,500 feet.	No	Moderate	This species was not observed, but has a moderate potential to occur within the survey area due to the presence of non-native grassland on-site.

				Attachment 7			
Sensitiv		Observed c	or with the Pote	ential for Occurrence within the Program-leve	l and Project-le		is .
	State/					Potential to	
Species' Scientific Name	Federal	CNPS	City of San	Habitat/Preference/ Requirements/	Detected	Occur	Determination of Occurrence
Common Name	Status	Rank	Diego	Blooming Period	On-Site?	On-Site?	Potential
Pentachaeta aurea ssp. aurea	-/-	4.2	_	Annual herb; cismontane woodland,	Yes	High	This species was not observed
golden-ray pentachaeta				coastal sage scrub, lower montane			within the project-level
				coniferous forest, perennial grasslands;			analysis area but was
				blooms March–July; elevation 260–6,100			observed growing along the
				feet.			edges of the southern vernal
							pool restoration area within
							non-native grassland habitat.
BORAGINACEAE BORAGE FAMILY	_	1	1			т	
Harpagonella palmeri	-/-	4.2	_	Annual herb; chaparral, coastal sage	Yes	Observed	This plant species was
Palmer's grapplinghook				scrub, valley and foothill grasslands; clay			observed within the southern
				soils; blooms March–May; elevation less			portion of the vernal pool
				than 3,200 feet. Inconspicuous and easily			restoration area, in non-
				overlooked.			native grassland and
							disturbed areas. It was
							frequently found to be
							scattered within large patches
							of low-growing annual
							flowers and along roadsides.
CACTACEAE CACTUS FA		1	1			T	
Cylindropuntia californica var.	-/-	1B.1	NE, MSCP	Perennial stem succulent; chaparral,	Yes	Observed	This plant species was
californica [=Opuntia parryi var.				coastal sage scrub; blooms April–May;			observed within the survey
serpentina]				elevation 100–500 feet.			area within Moody Canyon
snake cholla							north of the Beyer Boulevard
							extension and within
							mitigation lands in maritime
							succulent scrub.
Ferocactus viridescens	-/-	2B.1	MSCP	Perennial stem succulent; chaparral,	Yes	Observed	This plant species was
San Diego barrel cactus				coastal sage scrub, valley and foothill			observed growing in
				grasslands, vernal pools; blooms May–			undisturbed maritime
				June; elevation less than 1,500 feet.			succulent scrub habitat
							particularly on canyon edges
							within the project-level
							analysis area.

Sensitiv	e Plant Species	Observed o	or with the Pote	Attachment 7 ential for Occurrence within the Program-leve	el and Project-l	evel Analysis Are	as
Species' <i>Scientific Name</i> Common Name	State/ Federal Status	CNPS Rank	City of San Diego	Habitat/Preference/ Requirements/ Blooming Period	Detected On-Site?	Potential to Occur On-Site?	Determination of Occurrence Potential
Dudleya brevifolia [=D. blochmaniae ssp. brevifolia] short-leaved dudleya [short-leaved live-forever]	CE/-	1B.1	NE, MSCP	Perennial herb; southern maritime chaparral, coastal sage scrub on Torrey sandstone; blooms in April; elevation less than 1,000 feet. San Diego County endemic. Known from fewer than five occurrences in the Del Mar and La Jolla areas.	No	Low	This perennial species was not observed and would have been apparent at the time of field surveys, if present. However, this species has a low potential to occur due to the presence of Diegan coastal sage scrub habitat onsite.
Dudleya variegata variegated dudleya	-/-	1B.2	NE, MSCP	Perennial herb; openings in chaparral, coastal sage scrub, grasslands, vernal pools; blooms May–June; elevation less than 1,900 feet.	Yes	Observed	This species was observed growing in two separate clumps, within the mitigation lands. They were located immediately north of the vernal pool restoration area and within Diegan coastal sage scrub habitat.
EUPHORBIACEAE SPURGE FAMILY		0.00	1			I a	
Euphorbia misera cliff spurge	-/-	2B.2	_	Shrub; coastal sage scrub, maritime succulent scrub, coastal bluff scrub; blooms December–August; elevation less than 2,000 feet.	Yes	Observed	This species was observed growing within south and west-facing slopes within maritime succulent scrub habitat within the northern part of the project-level analysis area and within the mitigation lands.

Sensitiv	ve Plant Species	Observed o	or with the Pote	Attachment 7 ential for Occurrence within the Program-leve	el and Project-l	evel Analysis Are	as
Species' <i>Scientific Name</i> Common Name	State/ Federal Status	CNPS Rank	City of San Diego	Habitat/Preference/ Requirements/ Blooming Period	Detected On-Site?	Potential to Occur On-Site?	Determination of Occurrence Potential
FABACEAE LEGUME FAMILY Astragalus tener var. titi coastal dunes milkvetch	CE/FE	1B.1	NE, MSCP	Annual herb; coastal bluff scrub, coastal dunes, sandy soils, mesic coastal prairie; blooms March–May; elevation less than 200 feet. California endemic. Known from fewer than 10 occurrences in San Diego (presumed extirpated), Los Angeles (presumed extirpated), and Monterey counties.	No	Low	This species was not observed during field surveys, and not expected to occur within the survey area due to the lack of suitable habitats.
Acanthomintha ilicifolia San Diego thornmint	CE/FT	1B.1	NE, MSCP	Annual herb; chaparral, coastal sage scrub, and grasslands; friable or broken clay soils; blooms April–June; elevation less than 3,200 feet.	No	Low	This species was not observed on-site; however, there is a low potential to occur due to the presence of clay soils, non-native grassland, and Diegan coastal sage scrub habitats.
Pogogyne abramsii San Diego mesa mint	CE/FE	1B.1	NE, MSCP	Annual herb; vernal pools; blooms April– July; elevation 300–700 feet. San Diego County endemic.	No	Low	This species was not observed during focused rare plant surveys. Although natural vernal pool habitat was observed within the project parcels, many of the vernal pools on-site undergo frequent disturbance thereby making the potential for this species to occur as low.

Sensiti	Attachment 7 Sensitive Plant Species Observed or with the Potential for Occurrence within the Program-level and Project-level Analysis Areas								
	State/					Potential to			
Species' Scientific Name	Federal	CNPS	City of San	Habitat/Preference/ Requirements/	Detected	Occur	Determination of Occurrence		
Common Name	Status	Rank	Diego	Blooming Period	On-Site?	On-Site?	Potential		
Pogogyne nudiuscula Otay mesa mint	CE/FE	1B.1	NE, MSCP	Annual herb; vernal pools; blooms May– July; elevation 300–820 feet. In California, known from approximately 10 occurrences in Otay Mesa in San Diego County. Additional populations occur in Baja California, Mexico.	No	Low	This species was not observed during focused rare plant surveys. Although this species has been known to occur within a 1-mile buffer of the survey area (CDFW 2019a), many of the vernal pools onsite undergo frequent disturbance thereby making the potential for this species to occur as low.		
MONTIACEAE MONTIA FA	AMILY								
Cistanthe [=Calandrinia] maritima seaside cistanthe	-/-	4.2	_	Annual herb; coastal bluff scrub, coastal sage scrub, valley and foothill grassland; blooms February–August; elevation less than 1,000 feet.	Yes	Observed	This species was observed within the northern portion of the project-level analysis area and the mitigation lands within maritime succulent scrub habitat.		
OROBANCHACEAE BROOM-RAPE FAM	ILY	•	•		•				
Dicranostegia orcuttiana [=Cordylanthus orcuttianus] Orcutt's bird's-beak	-/-	2B.1	MSCP	Annual herb (hemiparasitic); coastal sage scrub; blooms March–September; elevation less than 1,200 feet.	No	Moderate	This species was not observed but has a moderate potential to occur within the coastal sage scrub within the project-level analysis area.		

Attachment 7 Sensitive Plant Species Observed or with the Potential for Occurrence within the Program-level and Project-level Analysis Areas								
Sensitiv		Observed o	or with the Pote	ential for Occurrence within the Program-leve	el and Project-l		S	
Consider Coincities Name	State/	CNIDC	City of Care	Habitat/Duafayana / Danwiyana aata/	Datastasi	Potential to	D-titititi	
Species' Scientific Name	Federal	CNPS	City of San	Habitat/Preference/ Requirements/	Detected	Occur	Determination of Occurrence	
Common Name	Status	Rank	Diego	Blooming Period	On-Site?	On-Site?	Potential	
POLEMONIACEAE PHLOX FAMILY	/F.T.	40.4	NE MCCD		N	1 ,	T-1:	
Navarretia fossalis	−/FT	1B.1	NE, MSCP	Annual herb; vernal pools, marshes and	No	Low	This species was not observed	
spreading navarretia				swamps, chenopod scrub; blooms April–			during focused rare plant	
[=prostrate navarretia]				June; elevation 100–4,300 feet.			surveys. Although this species	
							has been known to occur	
							within a one-mile buffer of	
							the project-level analysis area	
							(CDFW 2019a), many of the	
							vernal pools on-site undergo frequent disturbance thereby	
							making the potential for this	
RHAMNACEAE BUCKTHORN	I EANAULY		1				species to occur as low.	
Adolphia californica	-/-	2B.1		Perennial deciduous shrub; Diegan	Yes	Observed	This species was observed	
California adolphia	-/-	ZD.1	_	coastal sage scrub and chaparral; clay	165	Observed	growing within Diegan	
Сашотна адогрніа				soils; blooms December–May; elevation			coastal sage scrub and	
				100–2,500 feet.			maritime succulent scrub	
				100-2,300 1661.			habitats along the southern	
							edge of the project-level	
							analysis area	
ROSACEAE ROSE FAMILY			l	<u> </u>			unarysis area	
Rosa minutifolia	CE/-	2B.1	MSCP	Perennial deciduous shrub; coastal sage	No	Low	This species was not observed	
small-leaved rose	CL	25.1	1415 C1	scrub; blooms January–June; elevation	110	2011	during focused rare plant	
sitiali leaved rose				500–550 feet. Known in the U.S. from			surveys. Although this species	
				only one occurrence on Otay Mesa in			has been known to occur	
				San Diego County. This entire			within a one-mile buffer of	
				occurrence was transplanted to a new			the project-level analysis area	
				preserved location on Otay Mesa for			(CDFW 2019a), it has a low	
				mitigation in 1997. Additional			potential to occur within the	
				populations occur in Baja California,			Diegan coastal sage scrub	
				Mexico.			and maritime succulent scrub.	

Sensit	ive Plant Species	Observed o	or with the Pote	Attachment 7 Intial for Occurrence within the Program-leve	el and Project-l	evel Analysis Are	as	
Species' Scientific Name Common Name SOLANACEAE NIGHTSHA	State/ Federal Status	CNPS Rank	City of San Diego	Habitat/Preference/ Requirements/ Blooming Period	Detected On-Site?	Potential to Occur On-Site?	Determination of Occurrence Potential	
Lycium californicum California box-thorn	-/-	4.2	_	Perennial shrub; coastal bluff scrub, coastal sage scrub; blooms March– August; elevation less than 500 feet.	Yes	Observed	This species was observed growing within maritime succulent scrub habitat along the western end of Beyer Boulevard extension footprint.	
	ANGIOSPERMS: MONOCOTS							
AGAVACEAE AGAVE FA	MILY							
Agave shawii var. shawii Shaw's agave	-/-	2B.1	NE, MSCP	Perennial leaf succulent; coastal bluff scrub, coastal sage scrub, maritime succulent scrub; blooms September– May; elevation less than 400 feet.	No	Low	This species was not observed during field surveys, and is not expected to occur within the project area since the site is out of its known range.	
POACEAE GRASS FAMILY	_		_			_		
Hordeum intercedens bobtail barley [=vernal barley]	-/-	3.2	_	Annual herb; coastal dunes, coastal sage scrub, valley and foothill grasslands, vernal pools; blooms March–June; elevation less than 3,300 feet.	Yes	Observed	This species was observed growing in a vernal within the pool restoration area. The project area contains vernal pools, which are a preferred habitat of this species.	

Sensitiv	Attachment 7 Sensitive Plant Species Observed or with the Potential for Occurrence within the Program-level and Project-level Analysis Areas								
Species' <i>Scientific Name</i> Common Name	State/ Federal Status	CNPS Rank	City of San Diego	Habitat/Preference/ Requirements/ Blooming Period	Detected On-Site?	Potential to Occur On-Site?	Determination of Occurrence Potential		
Orcuttia californica California Orcutt grass	CE/FE	1B.1	NE, MSCP	Annual herb; vernal pools; blooms April–August; elevation 50–2,200 feet.	No No	Low	This species was not observed during focused rare plant surveys. Although this species has been known to occur within a one-mile buffer of the survey area (CDFW 2019a)many of the vernal pools on-site undergo frequent disturbance thereby making the potential for this species to occur as low (project-level areas) and low to moderate (program-level areas).		
Stipa diegoensis [=Achnatherum diegoense] San Diego needle grass	-/-	4,2	_	Perennial herb; rocky soils, chaparral, coastal sage scrub, often near streams; blooms February–June; elevation less than 2,600 feet.	Yes	Observed	This species was observed on-site within the Beyer Boulevard alignment and in the northwestern portion of the residential development area in Phase 1a.		
THEMIDACEAE BRODIAEA	1	1D 1	MCCD	Developing the sub- (b. db) force and	Na	Madazata	This plant apprisation and		
Bloomeria [=Muilla] clevelandii San Diego goldenstar	-/-	1B.1	MSCP	Perennial herb (bulbiferous); chaparral, coastal sage scrub, valley and foothill grassland, vernal pools; clay soils; blooms May; elevation 170–1,500 feet.	No	Moderate	This plant species was not observed within the project-level analysis area, but has a moderate potential to occur within the Diegan coastal sage scrub, non-native grassland, and vernal pool habitats.		

	Attachment 7								
Sensitiv	e Plant Species	Observed o	or with the Pote	ntial for Occurrence within the Program-leve	el and Project-le	evel Analysis Area	s		
	State/					Potential to			
Species' Scientific Name	Federal	CNPS	City of San	Habitat/Preference/ Requirements/	Detected	Occur	Determination of Occurrence		
Common Name	Status	Rank	Diego	Blooming Period	On-Site?	On-Site?	Potential		
Brodiaea filifolia thread-leaved brodiaea [=thread-leaf brodiaea]	CE/FT	1B.1	MSCP, NE	Perennial herb (bulbiferous); cismontane woodland, coastal sage scrub, playas, valley and foothill grassland, vernal pools; often clay soils; blooms March—June; elevation less than 2,850 feet. California endemic. Known from San Diego, Riverside, Orange, Los Angeles, and San Bernardino counties.	No	Moderate	This plant species was not observed within the survey area during focused rare plant surveys, but has a moderate potential to occur within the Diegan coastal sage scrub, non-native grassland, and vernal pool habitats.		

FEDERAL CANDIDATES AND LISTED PLANTS

= Federally listed endangered

FT = Federally listed threatened

FC = Federal candidate for listing as endangered or threatened

STATE LISTED PLANTS

CE = State listed endangered

= State listed rare

= State listed threatened

CALIFORNIA NATIVE PLANT SOCIETY (CNPS): CALIFORNIA RARE PLANT RANKS (CRPR)

= Species presumed extinct. 1A

= Species rare, threatened, or endangered in California and elsewhere. These species are eligible for state listing. 1B

= Plants presumed extirpated in California, but more common elsewhere. 2A

= Species rare, threatened, or endangered in California but more common elsewhere. These species are eligible for state listing.

= Species for which more information is needed. Distribution, endangerment, and/or taxonomic information is needed.

= A watch list of species of limited distribution. These species need to be monitored for changes in the status of their populations.

= Species seriously threatened in California (over 80% of occurrences threatened; high degree and immediacy of threat).

= Species fairly threatened in California (20-80% occurrences threatened; moderate degree and immediacy of threat).

= Species not very threatened in California (<20% of occurrences threatened; low degree and immediacy of threat or no current threats known). .3

= Considered but rejected **CBR**

CITY OF SAN DIEGO

FE

= Narrow endemic

MSCP = Multiple Species Conservation Program covered species

VPHCP = Vernal Pool Habitat Conservation Plan covered species



Sensitive Wildlife Species Observed or with the Potential to Occur within the Program-level and Project-level Analysis

Areas

		Attachment 8			
Sensitive Wildlife Specie	es Occurring or with	the Potential to Occur within t	he Program-level	and Project-leve	el Analysis Areas
				Potential to	
Species' Common Name/	Listing	Habitat Preference/	Detected	Occur	Basis for Determination of
Scientific Name	Status	Requirements	On-Site?	On-Site?	Occurrence Potential
INVERTEBRA	TES (Nomenclature	from Eriksen and Belk 1999; Sa	n Diego Natural F	History Museum	2002)
BRANCHINECTIDAE FAIRY SHRIMP					
San Diego fairy shrimp Branchinecta sandiegonensis	FE, VPHCP	Vernal pools.	Yes	Observed	This species was observed during focused surveys conducted during the 2017/2018 wet season and the 2018/2019 wet season. San Diego fairy shrimp were found in vernal pools within the project-level analysis area, and the vernal pool restoration area. Additionally, this species has been known to occur within one mile of the survey area (CDFW 2022e).
STREPTOCEPHALIDAE FAIRY SHRIMP					
Riverside fairy shrimp Streptocephalus woottoni	FE, VPHCP	Vernal pools.	Yes	Observed	This species was observed during focused surveys conducted during the 2018/2019 wet season. This species was detected in one pool within the project-level analysis area. Additionally, this species has been known to occur within one mile of the survey area (CDFW 2022e).

Sensitive Wildlife Specie	es Occurring or with	Attachment 8 the Potential to Occur within the	e Program-level	and Project-leve	el Analysis Areas
·				Potential to	
Species' Common Name/	Listing	Habitat Preference/	Detected	Occur	Basis for Determination of
Scientific Name	Status	Requirements	On-Site?	On-Site?	Occurrence Potential
APIDAE HONEY BEES, BUMBLE	BEES, AND ALLIES				
Crotch's bumble bee Bombus crotchii	SC	A wide range of disturbed and natural habitats including but not limited to exotic and native grasslands, sage scrub, chaparral, great basin sage scrub, and pinon-juniper woodlands with occurrences from sea level to at least 5000 feet.	Yes	Observed	This species was observed during habitat assessments conducted within the mitigation lands. There is a moderate potential within the project-level analysis area due to the presence of suitable grasslands, sage scrub, and chaparral habitats.
NYMPHALIDAE BRUSH-FOOTED	BUTTERFLIES				
Quino checkerspot Euphydryas editha quino	FE	Open, dry areas in foothills, mesas, lake margins. Larval host plant <i>Plantago erecta</i> . Adult emergence mid-January through April.	Yes	Observed	This species was observed during the 2019 focused survey effort. A single QCB was observed within the vernal pool restoration area. Additionally, this species has been known to occur within one mile of the survey area (CDFW 2022e).

			Attachment 8							
Sen	sitive Wildlife Species Oc	curring or with	the Potential to Occur within the	e Program-level	and Project-leve	el Analysis Areas				
					Potential to					
	mmon Name/	Listing	Habitat Preference/	Detected	Occur	Basis for Determination of				
Scienti	fic Name	Status	Requirements	On-Site?	On-Site?	Occurrence Potential				
	AMPHIBIANS (Nomenclature from Crother et al. 2008)									
PELOBATIDAE	Spadefoot Toads									
Western spadefoot Spea hammondii		FPT, CSC	Vernal pools, floodplains, and alkali flats within areas of open vegetation.	No	Observed	The project has many vernal pools and seasonal basins that provide an ephemeral water source for breeding. Additionally, tadpoles and amphibian eggs were observed during protocol wet season fairy shrimp surveys during 2017/2018 or 2018/2019. This species has been known to occur within one mile of the survey area (CDFW 2022d).				
		REPTIL	ES (Nomenclature from Crother	et al. 2017)						
IGUANIDAE	IGUANID LIZARDS									
Coast horned lizard Phrynosoma blainvi coastal population]	llii [= P. coronatum	CSC, MSCP	Chaparral, coastal sage scrub with fine, loose soil. Partially dependent on harvester ants for forage.	Yes	Observed	Coast horned lizards were observed on site during field surveys in non-native grassland habitat, and adjacent to Diegan coastal sage scrub habitat. Additionally, this species has been known to occur within one mile of the survey area (CDFW 2022d).				

Sens	itive Wildlife Species (Occurring or with	Attachment 8 the Potential to Occur within the	Program-level	and Project-leve	el Analysis Areas
	nmon Name/	Listing	Habitat Preference/	Detected	Potential to Occur	Basis for Determination of
Scientif	ic Name	Status	Requirements	On-Site?	On-Site?	Occurrence Potential
SCINCIDAE	Skinks				I	
Coronado skink Plestiodon [=Eumece interparietalis	es] skiltonianus	CSC	Grasslands, open woodlands and forest, broken chaparral. Rocky habitats near streams.	No	Moderate	This species was not observed, but has a moderate potential to occur within the project-level analysis area due to the presence of suitable non-native grassland habitat. This species has been known to occur within one mile of the survey area (CDFW 2022d).
TEIIDAE	WHIPTAIL LIZARDS					
Orange-throated [=Be throated] whiptail Aspidoscelis hyperyth		CSC, MSCP	Chaparral, coastal sage scrub with coarse sandy soils and scattered brush.	Yes	Observed	This species was observed within disturbed Diegan coastal sage scrub within the project-level analysis area. Additionally, this species has been known to occur within one mile of the survey area (CDFW 2022d).
Coastal whiptail Aspidoscelis tigris ste		CSC	Coastal sage scrub, chaparral, woodlands, and streamsides where plants are sparsely distributed.	Yes	Observed	This species was observed within the project-level analysis area within the maritime succulent scrub.
COLUBRIDAE	COLUBRID SNAKES	<u>, </u>			1	
Two-striped gartersnal Thamnophis hammo		CSC	Permanent freshwater streams with rocky bottoms. Mesic areas.	Yes	Observed	A two-striped garter snake was observed within a vernal pool the project-level analysis area during wet season fairy shrimp surveys in 2018.

		Attachment 8			
Sensitive Wildlife Sp	ecies Occurring or with	the Potential to Occur within th	e Program-level		el Analysis Areas
Species' Common Name/ Scientific Name	Listing Status	Habitat Preference/ Requirements	Detected On-Site?	Potential to Occur On-Site?	Basis for Determination of Occurrence Potential
CROTALIDAE RATTLESNAK	ŒS		_		_
Red diamond rattlesnake Crotalus ruber	CSC	Desert scrub and riparian, coastal sage scrub, open chaparral, grassland, and agricultural fields.	Yes	Observed	This species was observed within the project-level analysis area in Diegan coastal sage scrub habitat. Additionally, this species has been known to occur within one mile of the survey area (CDFW 2022d).
	BIRD	S (Nomenclature from Chesser e	et al. 2021)		
ACCIPITRIDAE HAWKS, KITI	es, & Eagles				
Cooper's hawk (nesting) Accipiter cooperii	WL, MSCP	Mature forest, open woodlands, wood edges, river groves. Parks and residential areas.	Yes	Observed	This species was observed in several locations including the project-level analysis area, the northern portion of the vernal pool restoration area, and within the mitigation lands south of the borrow site.
Golden eagle Aquila chrysaetos	WL, CFP, BEPA, MSCP	Require vast foraging areas in grassland, broken chaparral, or sage scrub. Nest in cliffs and boulders. Uncommon resident.	Yes	Observed	One juvenile was observed flying over the project-level analysis area.

Attachment 8 Sensitive Wildlife Species Occurring or with the Potential to Occur within the Program-level and Project-level Analysis Areas									
				Potential to					
Species' Common Name/	Listing	Habitat Preference/	Detected	Occur	Basis for Determination of				
Scientific Name	Status	Requirements	On-Site?	On-Site?	Occurrence Potential				
Northern harrier (nesting) Circus hudsonius	CSC, MSCP	Coastal lowland, marshes, grassland, agricultural fields. Migrant and winter resident, rare summer resident.	Yes	Observed	The northern harrier was observed during surveys within the project-level analysis area and within outfall locations in maritime succulent scrub habitat located to the southwest of the borrow site. Additionally, this species has been known to occur within one mile of the survey area (CDFW 2022d).				
White-tailed kite (nesting) Elanus leucurus	CFP	Nest in riparian woodland, oaks, sycamores. Forage in open, grassy areas. Year-round resident.	Yes	Observed	This species was observed within the project-level analysis area and the vernal pool restoration area in non-native grassland habitat.				

Attachment 8 Sensitive Wildlife Species Occurring or with the Potential to Occur within the Program-level and Project-level Analysis Areas							
Species' Common Name/ Scientific Name	Listing Status	Habitat Preference/ Requirements	Detected On-Site?	Potential to Occur On-Site?	Basis for Determination of Occurrence Potential		
Bald eagle Haliaeetus leucocephalus	(Fed. Delisted), CE, CFP, BEPA, MSCP	Rivers, lakes. rare winter visitor, rare fall migrant. Feed mainly on fish.	Yes	Occur – Observed; Nesting – not expected	This species was observed perching on a power pole located on a disturbed road within the project-level analysis area. As there is no nesting opportunities for this species on-site, it is assumed this bird was a fly-over. There may be foraging opportunities for this species within the coastal sage scrub and non-native grasslands, but bald eagle mainly feeds on fish and the site does not support large bodies of water.		
FALCONIDAE FALCONS & CARACAR							
Merlin Falco columbarius	WL	Rare winter visitor. Grasslands, agricultural fields, occasionally mud flats.	Yes	Observed	This species was observed perched on a utility pole within the project-level analysis area in non-native grassland habitat, and another one was detected immediately east of VTM South, and within the grading footprint.		

Sensitive Wildlife Species Or	curring or with	Attachment 8 the Potential to Occur within the	Program-level	and Project-leve	al Analysis Areas
			e r rogram-level	Potential to	
Species' Common Name/	Listing	Habitat Preference/	Detected	Occur	Basis for Determination of
Scientific Name	Status	Requirements	On-Site?	On-Site?	Occurrence Potential
STRIGIDAE TYPICAL OWLS		,			
Western burrowing owl (burrow sites) Athene cunicularia	SC, MSCP	Grassland, agricultural land, coastal dunes. Require rodent burrows. Declining resident.	Yes	Moderate	This species was incidentally observed within the coastal sage scrub within the northern portion of the project-level analysis area during a Quino checkerspot butterfly survey. Suitable habitat occurs within VTM North and VTM South; however, this species was not detected during protocol burrowing owl breeding season surveys conducted in 2018 or 2020. This species has been known to occur within one mile of the survey area (CDFW 2022d).
LANIIDAE SHRIKES					
Loggerhead shrike Lanius ludovicianus	CSC	Agricultural areas, parks, ponds, rivers. Rare fall and spring migrant, winter visitor, summer resident. Breeding rare.	No	Moderate	This species was not observed during surveys; however, there was a recent observation posted to a public citizen science mobile application within the project-level survey area (I-Naturalist) and there is suitable habitat present to support the species.

Attachment 8 Sensitive Wildlife Species Occurring or with the Potential to Occur within the Program-level and Project-level Analysis Areas					
Species' Common Name/ Scientific Name VIREONIDAE VIREOS	Listing Status	Habitat Preference/ Requirements	Detected On-Site?	Potential to Occur On-Site?	Basis for Determination of Occurrence Potential
Least Bell's vireo (nesting) Vireo bellii pusillus	FE, CE, MSCP	Willow riparian woodlands. Summer resident.	Yes	Observed	by vocalizations within the riparian habitat on the western end of the proposed Beyer Boulevard extension. This species was also detected by vocalizations within the southeastern portion of the mitigation lands within mule fat scrub. This species has also been known to occur within one mile of the survey area (CDFW 2022e).
ALAUDIDAE LARKS			T	Γ	
California horned lark Eremophila alpestris actia	WL	Sandy shores, mesas, disturbed areas, grasslands, agricultural lands, sparse creosote bush scrub.	Yes	Observed	This species was observed several times on-site during surveys including in VTM North in non-native grassland habitat and within disturbed lands in the mitigation lands.

Attachment 8 Sensitive Wildlife Species Occurring or with the Potential to Occur within the Program-level and Project-level Analysis Areas						
				Potential to		
Species' Common Name/	Listing	Habitat Preference/	Detected	Occur	Basis for Determination of	
Scientific Name	Status	Requirements	On-Site?	On-Site?	Occurrence Potential	
TROGLODYTIDAE WRENS						
Coastal cactus wren Campylorhynchus brunneicapillus sandiegensis	CSC, MSCP	Maritime succulent scrub, coastal sage scrub with Opuntia thickets. Rare localized resident.	No	High	This species was not observed but has a high potential to occur within the maritime succulent scrub habitat located at the western end of Beyer Boulevard. Coastal cactus wren was detected within the western end of the proposed Beyer Boulevard in 2017 (RECON 2022) and due to the high suitability of the habitat on the west end of the project and the past detections, this species is assumed present. This species has also been known to occur within one mile of the survey area (CDFW 2022d).	

Sansitiva Wildlifa Spac	ies Occurring or with	Attachment 8 the Potential to Occur within the	Program-level	and Project-leve	al Analysis Areas
Species' Common Name/ Scientific Name SYLVIIDAE GNATCATCHER	Listing Status	Habitat Preference/ Requirements	Detected On-Site?	Potential to Occur On-Site?	Basis for Determination of Occurrence Potential
Coastal California gnatcatcher Polioptila californica californica	FT, CSC, MSCP	Coastal sage scrub, maritime succulent scrub. Resident.	Yes	Observed	This species was observed in Diegan coastal sage scrub habitat during protocol surveys performed in VTM North and the mitigation lands, and incidental sightings during general vegetation surveys along Beyer Boulevard. This species has also been known to occur within one mile of the survey area (CDFW 2022e).
PARULIDAE WOOD WARBL	ERS				
Yellow warbler (nesting) Setophaga [=Dendroica] petechia	CSC	Breeding restricted to riparian woodland. Spring and fall migrant, localized summer resident, rare winter visitor.	Yes (within mitigation lands)	Observed	A yellow warbler was detected by vocalizations along the eastern edge of the mitigation lands within the mule fat scrub habitat. There is a high potential for this species to nest within the riparian vegetation within the western end of the Beyer Boulevard extension.

Attachment 8 Sensitive Wildlife Species Occurring or with the Potential to Occur within the Program-level and Project-level Analysis Areas					
Species' Common Name/ Scientific Name Yellow-breasted chat (nesting) Icteria virens	Listing Status CSC	Habitat Preference/ Requirements Dense riparian woodland. Localized summer resident.	Detected On-Site? Yes	Potential to Occur On-Site? Observed	Basis for Determination of Occurrence Potential A yellow-breasted chat was observed within the western end of the proposed Beyer Boulevard extension and detected by vocalizations along the eastern edge of the mitigation lands within the
EMBERIZIDAE EMBERIZIDS					mule fat scrub habitat.
Southern California rufous-crowned sparrow Aimophila ruficeps canescens	WL, MSCP	Coastal sage scrub, chaparral, grassland. Resident.	Yes	Observed	This species was observed several times on-site during field surveys in VTM North, in Diegan coastal sage scrub habitat within VTM South, west of VTM South, and in non-native grassland habitat within the northern vernal pool restoration area parcel. This species has been known to occur within one mile of the survey area (CDFW 2022d).
Grasshopper sparrow (nesting) Ammodramus savannarum	CSC	Tall grass areas. Localized summer resident, rare in winter.	Yes	Observed	Grasshopper sparrows were detected by vocalizations at the northern section of VTM North in Diegan coastal sage scrub habitat and within the mitigation lands.

Sensitive Wildlife Species	Occurring or with	Attachment 8 nthe Potential to Occur within the	ne Program-leve	l and Project-leve	el Analysis Areas
				Potential to	
Species' Common Name/	Listing	Habitat Preference/	Detected	Occur	Basis for Determination of
Scientific Name	Status	Requirements	On-Site?	On-Site?	Occurrence Potential
Bell's sage sparrow Artemisiospiza [=Amphispiza] belli belli	WL	Chaparral, coastal sage scrub. Localized resident.	No	Moderate	This species was not observed but has a moderate potential to occur in the Diegan coastal sage scrub and maritime succulent scrub areas within the survey area. This species has been known to occur within one mile of the survey area (CDFW 2022d).
	MAMM	IALS (Nomenclature from Bradle	y et al. (2014)		
VESPERTILIONIDAE VESPER BATS					
Western red bat Lasiurus blossevillii	CSC	Generally associated with riparian habitats, especially willows, cottonwoods, and sycamores	No	Low within mesa top areas associated with project and program level areas. Moderate within mitigation lands.	This species was not observed within the project area and not expected to due to the absence of riparian habitat. There is moderate potential for the western red bat to occur within the riparian habitats within the mitigation lands. This species has also been known to occur within one mile of the survey area (CDFW 2022d).

Attachment 8 Sensitive Wildlife Species Occurring or with the Potential to Occur within the Program-level and Project-level Analysis Areas					
Sensitive Wildlife Species Oct	curring or with	the Foteridal to Occur within th	le Frogram-lever	Potential to	Allalysis Aleas
Species' Common Name/ Scientific Name	Listing Status	Habitat Preference/ Requirements	Detected On-Site?	Occur On-Site?	Basis for Determination of Occurrence Potential
Townsend's [=western] big-eared bat Corynorhinus townsendii	CSC	Caves, mines, buildings. Found in a variety of habitats, arid and mesic. Individual or colonial. Extremely sensitive to disturbance.	No	Low	This species was not observed and has a low potential to occur due to a few old homesteads remaining on site. However, minimal foraging habitat is present on site that would be expected to attract this species. Foraging is more likely to occur in longer-standing water that attracts a high density of moths and other invertebrates. This species has been known to occur within one mile of the survey area (CDFW 2022d).
MURIDAE OLD WORLD MICE &	RATS (I)		<u> </u>		
San Diego desert woodrat Neotoma lepida intermedia	CSC	Coastal sage scrub and chaparral.	Yes	Observed	The San Diego desert woodrat and middens were observed in two separate locations during surveys, including along the eastern edge of VTM South in non-native grassland habitat and in the mitigation lands to the southeast of the borrow site, within Diegan coastal sage scrub habitat.

Attachment 8							
Sensitive Wildlife Species Occurring or with the Potential to Occur within the Program-level and Project-level Analysis Areas							
				Potential to			
Species' Common Name/	Listing	Habitat Preference/	Detected	Occur	Basis for Determination of		
Scientific Name	Status	Requirements	On-Site?	On-Site?	Occurrence Potential		
CERVIDAE DEER							
Southern mule deer Odocoileus hemionus fuliginata	MSCP	Many habitats.	No	Moderate	Although not observed, the project area and mitigation lands both provide suitable habitat for this species; however, habitat fragmentation has limited this species range. Frequent human disturbance may reduce habitat value, but this species could use the project area for foraging.		

(I) = Introduced species

STATUS CODES

Listed/Proposed

CE = Listed as endangered by the state of California

FE = Listed as endangered by the federal government

FPT = Proposed for listed as threatened by the federal government

FT = Listed as threatened by the federal government

SC = State of California candidate for listing as threatened or endangered

<u>Other</u>

BEPA = Bald and Golden Eagle Protection Act

CFP = California fully protected species

CSC = California Department of Fish and Wildlife species of special concern

WL = California Department of Fish and Wildlife watch list species

MSCP = City and County of San Diego Multiple Species Conservation Program covered species

VPHCP = City of San Diego Vernal Pool Habitat Conservation Plan